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# K-LiTE

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In fact, the smart city pole is going to be a service platform for various services for Network redundancy, application areas such as mobile connectivity WLAN), traffic control, security camera (CCTV), information transfer, public announcement with loud speakers, smart parking, environmental monitoring and even the electric charger for electric cars etc.,

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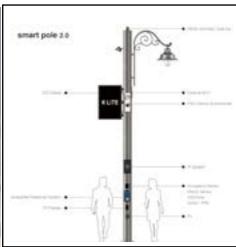
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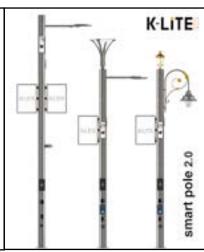
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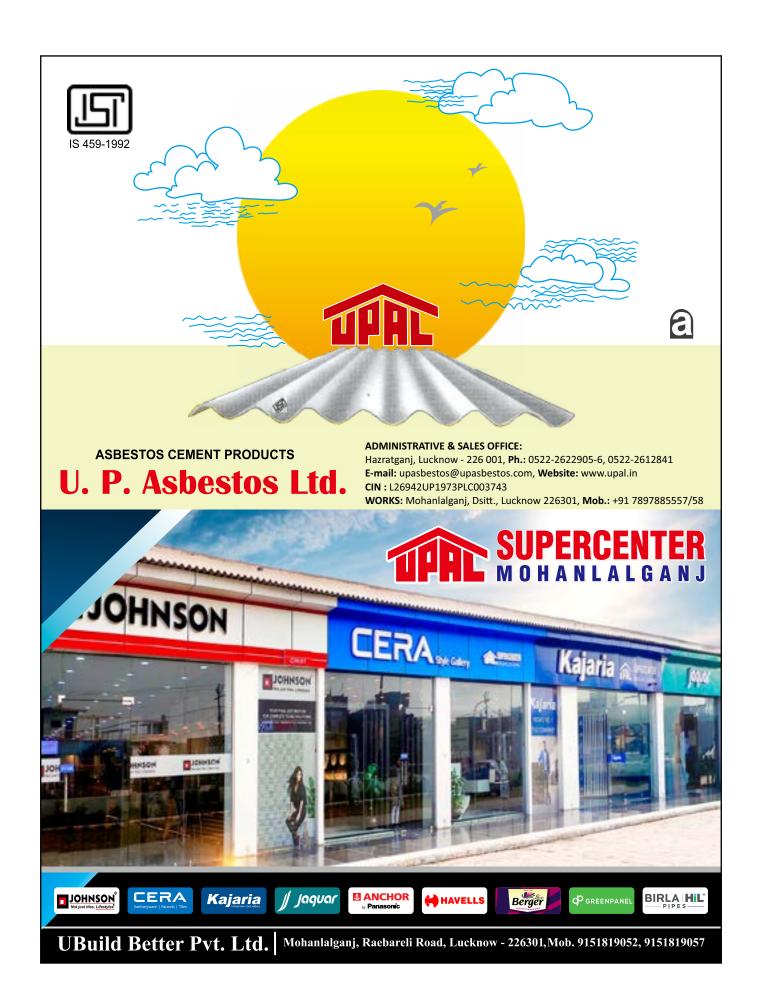
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# NEWS REAL ESTATE

# Kolkata Records Highest Apartment Registrations

In a recent analysis, Knight Frank, India's top real estate consultancy, reported that 35,467 apartments have been registered in Kolkata Metropolitan Area (KMA) since the beginning of the calendar year 2023. A total of 4,441 apartments were registered in October 2023, up by a modest 2% since the preceding month. This surpassed September's numbers, making October the month with the highest property registrations in 2023 thus far. On a year-on-year (YoY) basis, this marks a 35% decrease compared to October 2022.

The YoY decline is attributed to the base effect from the previous year, which saw significant growth in registrations due to strong consumer sentiment encouraged by the continuation of the stamp duty rebate. The extension of stamp duty rebate announced before Diwali coupled with the recent stance by Reserve Bank of India (RBI) to keep the reporate unchanged for the fourth time in this fiscal year could help maintain a positive trend in Kolkata's residential real estate market in the coming months. The data encompasses transactions in both primary (fresh sale) and secondary (re-sale) markets for residential apartments throughout all periods.

In October 2023, apartments ranging from 501 to 1,000 sq ft accounted for 53% of the overall registrations, showing a notable increase from the 44% recorded during the same period in the previous year. The share of smaller unit sizes, up to 500 sq ft remained at par at 24% in both October 2022 and October 2023. The share of apartments in this size category has remained steady in the past one year.

# Brigade Group to Develop 14+ Acres in Yelahanka, Bengaluru

Brigade Group, one of India's leading real estate developers, has recently announced its plan to develop over 14 acres of land in Yelahanka, Bengaluru. The project is set to bring new residential and commercial properties to the area, further enhancing the city's growth. Yelahanka, located in the northern part of Bengaluru, has become an emerging real estate hub thanks to its strategic location and excellent connectivity. The area offers easy access to the Kempegowda International Airport, as well as the city's major highways and tech parks.

With this new development, Brigade Group aims to cater to the growing demand for premium residential and commercial spaces in Yelahanka. The project is anticipated to include a mix of apartments, villas, and commercial office spaces, offering a diverse range of options to potential buyers and investors. The land earmarked for development is strategically located and holds immense potential. Its proximity to various entertainment hubs, educational institutions, healthcare facilities, and retail outlets make it an attractive choice for both residents and businesses. Moreover, the peaceful and green environment provides residents with a serene and comfortable living experience.

## Roha Realty & Sabari Group Announced Strategic JV In Chembur

Roha Realty and Sabari Group announced a strategic joint venture in Chembur, solidifying



Roha Realty's position as a key player in the Mumbai Metropolitan Region (MMR). The collaboration aims to redefine premium living in Chembur, focusing on sustainable residences equipped with modern amenities. The joint project encompasses a modern real estate venture covering 6 lakh sq. ft. with an estimated revenue of Rs 1000 crore. Slated for launch in the first quarter of FY 24-25, it underscores Roha Realty's commitment to quality and strategic development in Chembur.

Roha Realty recently entered a redevelopment agreement with the Maharashtra Housing and Area Development Authority (MHADA) for two societies in Subhash Nagar, Chembur. This move aligns with Roha Realty's dedication to enhancing the living experience for residents and the community. The strategic collaboration with Sabari Group, coupled with the Subhash Nagar redevelopment, anticipates generating revenue of approximately Rs. 1,500 crores. Additionally, Roha Realty has a forthcoming Rs. 500 crore projects in the pipeline in the same vicinity. With a vision to be a leading real estate developer in India, Roha Realty prioritizes delivering properties of enduring value. The company fosters a positive, results-driven work environment and is driven by customer-centric principles.

# MANA Extends To East Bengaluru With **Premium Apartments Mana Dale**

In a strategic initiative to expand its footprint in East Bengaluru, wellknown Bengaluru-based real estate firm, MANA, is thrilled to introduce its latest venture, MANA



Dale, which falls into the premium category of homes. Under the tagline of 'Live Brilliantly', MANA is dedicated to providing a lifestyle of luxury and ease to the cohort of older millennials and their families. MANA Dale is conveniently located in Kodathi, off Sarjapur Road in Bengaluru. With this new project, MANA is extending its presence into East Bengaluru, following the success of MANA Verdant, ushering in a fresh era of contemporary living excellence.

Dale exemplifies flawless craftsmanship and a meticulous focus on details. Whether it's elegant apartments, spacious villas, or stylish townhouses, every unit is meticulously crafted to provide the utmost in luxury and comfort. The architectural excellence seamlessly integrates with the surrounding natural environment, featuring expansive windows that frame stunning views and welcome ample natural light. The interiors are carefully designed to create a harmonious space that embodies both sophistication and practicality.



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# NEWS REAL ESTATE

# Naiknavare Developers Launches Aranya in **Talegaon**

Naiknavare Developers has announced the launch of "Aranya,a new residential project in Talegaon. This expansion of their real estate



portfolio is a strategic move to cater to the increasing demand in the market The project is expected to contribute to the development of the residential landscape in Talegaon, aligning with Naiknavare Developers' commitment to quality and innovation in the real estate sector. The introduction of Aranya reflects the company's understanding of evolving consumer preferences and the desire for well-designed, modern living spaces. Talegaon's selection as the project location also suggests a strategic approach to tap into emerging real estate markets and contribute to the region's growth.

Naiknavare Developers' move to launch a new residential project aligns with the buoyant real estate market, where demand for housing solutions remains robust. Aranya is likely to offer a range of amenities and features to cater to the diverse needs of homebuyers, contributing to the overall development of the residential sector in Talegaon. As the real estate sector continues to evolve, Naiknavare Developers' expansion through the launch of Aranya reflects a proactive approach to address market dynamics and meet the expectations of homebuyers in Talegaon. The project is poised to contribute positively to the company's growth and strengthen its position in the competitive real estate landscape.

### Aimera Cityscapes Announce Launch of Ajmera Downtown In Mumbai

Ajmera Cityscapes are thrilled to announce the launch of Ajmera Downtown to redefine the unique historical perspective with a modern lifestyle. The grand launch was an extension of the



festive season and is all set to enrich the lives of people and communities by developing an inspiring and sustainable living space. The downtown project is a magnificent 48-storey luxury tower at the prominent Marine lines, Opp LT Marg Police Station. With much anticipation, Ajmera Downtown, the pinnacle of luxury real estate, was unveiled on Wednesday, November 22nd, 2023, at 11 am at a grand event in its exquisite venue.

This premium property offers a fantastic range of 1,2, and 3-bedroom residences built to deliver the ultimate comfort and style. With a focus on modern living, the Downtown project guarantees that residents can access a wide choice of modern amenities. Sample flats and Lobby areas are ready for customer viewing. The carpet space at the Downtown project is astounding, with 1 BHK residence spanning 440 square feet,2 BHK residences covering 560 square feet and 3 BHK residences offering 870 square feet. Downtown is a RERA-registered project ensuring transparency and adherence to regulatory norms.

# Bengaluru Inaugurated The First 3d-Printed Post Office In The Country



The Union Minister for Railways, Communications, and Electronics & Information Technology, Ashwini Vaishnaw, officially opened the country's first 3D printed post office on August 18 at Cambridge Layout in east of Bengaluru, the Silicon Valley of India. It is reported that this is the first 3D-printed commercial structure, spanning across 1,000 square feet built-up area.

Larsen and Toubro Construction used 3D printing technology to construct the post office. Initially, it was supposed to be completed in 45 days. However, the entire work was completed in 43 days! The structural design was assisted by the Indian Institute of Technology (IIT), Madras for the construction team. The post office will house the Ulsoor Bazaar post office, which will now be known as Cambridge Layout post office.

This building was constructed using 3D printing technology, which reduces costs by 30-40% when compared to traditional building techniques. The technology not only saves time but also gives the building's shape greater flexibility. A special cover featuring a 3D printed building was released by the postal department. The entire design of the post-office is its best feature. The building, which has a curving facade and a built-up area of 1,021 square feet, has a bell-like shape. The total expense was nearly less than Rs 25 lakh.

### Reliance Nippon Life renews 48,924 sq ft office lease at Inspire BKC

Reliance Nippon Life Insurance has chosen to renew a lease for office space in Inspire BKC, a commercial real estate project located on the periphery of the Bandra-Kurla Complex (BKC), Mumbai's bustling business district housing numerous multinationals and Indian corporate houses. It was disclosed that the company entered into an agreement with the landlord Adani Realty, securing 48,924 sq ft of office space for a total tenure of five years. The terms of the lease include a lock-in period for the tenant throughout the entire duration.

The renewal of the lease by Reliance Nippon Life Insurance comes with a monthly rental rate of Rs 219 per sq ft, while the current rental rates in the vicinity range between Rs 220 to Rs 230 per sq ft. The resilient state of India's commercial real estate sector amid global headwinds is attributed to its qualified talent pool and cost advantage, as per industry observers.









# NEWS INFRASTRUCTURE

# Shapoorji Pallonji Real Estate Launches Two **Housing Projects In Pune**

Shapoorji Pallonji Real Estate has launched two housing projects in its 200-acre township called SP Kingstown in Pune's Hadapsar Annexe, eyeing a revenue of around Rs 1,500 crore from them. This large



township will consist of housing, commercial, healthcare, educational and retail spaces. The two new housing projects include Wildernest and Joyville Celestia with a combined development potential of over 1.7 million square foot (msf). Wildernest is a low-density luxury residential project with 3 and 4 BHK residences across two towers with homes starting at Rs 1.69 crore. Joyville Celestia is part of the housing brand, Joyville. It has two towers that offer 2 and 3 BHK configurations and was priced at Rs 60.90-99 lakh.

The SP Kingstown project is situated along the Pune-Solapur Highway and enjoys connectivity to prominent areas like Hadapsar, Magarpatta IT Park, Amanora Park and SP Infocity. There were also some large proposed infrastructural developments in the area, including a four-tier double-decker flyover, a ring road and a metro line. It is also close to the upcoming Chhatrapati Sambhaji Raje International Airport near Saswad. With a development potential of over 142 msf, Shapoorji Pallonji Real Estate has made inroads into most Indian cities, including Mumbai, Pune, Bangalore, Gurugram and Kolkata.

## **Gujarat Govt Proposes Bill To Regulate Housing Societies**

The Gujarat government is planning to introduce a bill in the next legislative assembly session aimed to regulate and enhance the functioning of housing societies across the state, according to a TOI report. The proposed law is expected to provide clear guidelines on a range of subjects and disputes concerning housing societies. At present, residential societies in the state are governed by guidelines set by the Registrar of Cooperatives. However, there are several issues that often lead to disputes among members, the media report said.

The media report, citing sources, stated that the proposed law would cover aspects such as governance matters, elections, appointments of committee members, disputes in the sale of residential units, audit of accounts of societies and adherence to government norms like fire safety, drainage, etc. A draft of the proposed legislation is being prepared and inputs are being sought from different line departments with which housing societies are concerned.

Further, an authority to deal with issues of housing societies will be set up. According to sources cited in the media report, the functioning of housing societies is different from agricultural or other cooperative societies. A significant section of the population is directly connected to the functioning of housing societies. An authority to oversee their functioning is suggested in the bill. The volume of the societies are high and it has been observed that the registrar of cooperatives does not have the workforce to tackle matters concerning housing societies.

### Projects Worth Around Rs 6.8 Lakh Crore To Be Launched In UP

The Uttar Pradesh government, on recently, said that investment projects, the MoUs for which were signed during the Global Investors Summit in February 2023, would be launched soon with their ground-breaking ceremony in the next two months. The state government, which had signed MoUs worth over Rs 38 lakh crore during the investors' summit, had earlier given a target to every department for organising the ground-breaking ceremony of the MoUs signed.

Till now, there are more than 8,000 projects worth about Rs 6.80 lakh crore that are ready to get off the ground. Of these, there are more than 6,000 projects for which MoUs have been signed, while about 2,000 are projects for which MoUs have not been signed. The state government has shortlisted about 8,000 MoUs for the ground-breaking ceremony whose total investment potential is more than Rs 9 lakh crore. The UP government has so far signed more than 26,000 MoUs, through which investment of more than Rs 38 lakh crore will be made in Uttar Pradesh.

A total of 33 departments were given a target by the government to implement MoUs worth more than Rs 9 lakh crore. Out of these, Additional Sources of Energy Department received the highest number of 503 MoUs worth more than Rs 8 lakh crore, of which projects worth Rs 1 lakh crore are ready for launch.

The UP State Industrial Development Authority (UPSIDA) has also prepared MoUs worth more than Rs 94,000 crore for launch. The UPSIDA had signed a total of 625 MoUs with an investment potential of more than Rs 3.45 lakh crore. UPSIDA was given a target of Rs 2 lakh crore for the ground-breaking ceremony, of which more than 47% has been achieved. Similarly, the Noida Authority has made 115 projects worth Rs 54,0000 crore ready for the launch. The Noida Authority had signed a total of 426 MoUs with an investment potential of more than Rs 1 lakh crore.

The Higher Education Department has got consent to launch 257 projects worth Rs 51,000 crore. It had signed a total of 95 MoUs with an investment potential of more than Rs 2.63 lakh crore. At the same time, the Horticulture Department has given the green signal to 843 projects worth Rs 42,000 crores, while Energy and MSME departments have prepared projects worth about Rs 38,000 crore for the ground-breaking ceremony. The Basic Education Department has achieved almost 900% of the target. This department was given a target of Rs 63 crore, against which it has given the green signal to 47 projects worth Rs 558 crore. Similarly, the Technical Education Department was given a target of Rs 4,500 crore, against which it has prepared 535 projects worth about Rs 5,200 crore, more than 115% of the target.

#### NEWS **GREEN UPDATE**

# Odisha Advances with 6.5 MW Rooftop Solar

In a significant step towards sustainable energy, Odisha is making strides with the development of 6.5 MW rooftop solar projects. This surge in rooftop solar capacity underscores the state's commitment to harnessing renewable energy sources and contributes to the broader national goal of fostering a greener and cleaner energy landscape. The projects aim to utilise the expansive rooftop spaces across various establishments in Odisha, tapping into solar energy to meet power requirements. The initiative not only aligns with the state's efforts to diversify its energy mix but also positions Odisha as a proactive contributor to India's renewable energy targets.

The 6.5 MW capacity signifies a substantial addition to Odisha's renewable energy portfolio, reducing dependency on conventional power sources and mitigating environmental impact. Rooftop solar projects offer a decentralised and sustainable energy solution, promoting energy self-sufficiency and reducing the carbon footprint associated with traditional power generation. As Odisha moves forward with its rooftop solar ventures, the state stands poised to reap the economic and environmental benefits of renewable energy adoption. This development showcases the potential for decentralised solar solutions to play a pivotal role in India's energy transition, fostering a cleaner and more sustainable future.

# **ENGIE Begins Construction of 400 MW Solar Projects**

Gujarat Urja Vikas Nigam Limited (GUVNL) has awarded a 400 MW solar project to ENGIE as a part of its 750 MW, Phase XVI, auction process. ENGIE has signed a power purchase agreement with GUVNL for a period of 25 years. With an estimated cost of approximately \$200 million, the project

is anticipated to produce 907 GWh of electricity per year, preventing 774,112 tonnes of carbon emissions annually. The project has already reached the final investment decision stage and is currently under construction.

The project is expected to begin operations in second quarter of 2024. Upon commissioning, this project will increase ENGIE's overall renewable portfolio in India to 1.5 GW, spanning 18 projects across seven states.

Recently, in November 2023, RenewSys signed a 100 MW solar module supply agreement with Engie India to deliver monocrystalline bifacial glass-backsheet modules for GUVNL 2 project of Engie India. In October 2023, Waaree Energies Limited secured a contract from ENGIE India for the supply of 200 MW of solar modules for a solar power project in Sayla village within the Surendra Nagar district of Gujarat. In conclusion, India's target of generating 100 GW of solar power by 2023 demonstrates its commitment to harnessing renewable energy sources and addressing the growing energy demands. The expansion of solar power generation will not only reduce carbon emissions but also contribute to economic growth, energy accessibility, and employment opportunities.

## Uttar Pradesh Government To Build 550 MW **Solar Project**

The government of Uttar Pradesh is set to develop solar facilities covering an extensive 1,700-hectare area along the Bundelkhand expressway. This initiative represents the state's venture into developing its first solar expressway as a part of public-private partnership model, expected to generate power from 550 MW capacity. The main goal is to provide power to around 100,000 households along the expressway.

With a projected 25-year lifespan, this project will be implemented under the direction of the Uttar Pradesh Expressway Industrial Development Authority. Advancing through the project's preliminary phases, the due diligence study has been finished and the expression of interest phase was completed in August 2023.

Recently, THDC India Limited issued a tender for engineering, procurement, and construction of a 11 MW AC floating solar project at the Khurja super thermal plant site at Bulandshahr, Uttar Pradesh. In the same month, the Uttar Pradesh New and Renewable Energy Development Agency and The Nature Conservancy India signed a MoU to boost utility-scale solar and wind energy projects in the state.

### **India Targets 100 GW Solar Power** Generation by 2023

India has set an ambitious target of generating 100 gigawatts (GW) of solar power by 2023, as part of its renewable energy goals. This move aims to address the increasing energy demand, reduce carbon emissions, and enhance energy security. With its vast solar resource potential, India has been rapidly expanding its solar power capacity in recent years. The government's efforts to support solar energy include incentives, subsidies, and the implementation of favorable policies to encourage investment and deployment. These measures have attracted both domestic and foreign investments in the solar sector.

As of 2020, India has already achieved a substantial increase in solar power capacity, surpassing the 36 GW mark. The country's solar installations have witnessed significant growth due to falling equipment costs and continuous improvements in technology. The trend is expected to continue, driving India closer to its target of 100 GW by 2023. The increased solar power generation will enable India to meet its renewable energy goals and reduce its reliance on fossil fuels. It will contribute to a significant reduction in carbon emissions, supporting the country's commitment to combat climate change.

Additionally, the expansion of solar power generation will help mitigate the electricity shortage and increase energy accessibility across the nation. The increased reliance on solar energy will provide a reliable and sustainable source of power, especially in rural areas that are not easily accessible to the central grid.

# Best Plant Ideas For Your Bathroom For A Fresh Aesthetic

# Adding plants to your bathroom enhances its aesthetic appeal and purifies the air



Plants have been a timeless home decor option, and for all the right reasons! After all, who doesn't love a touch of green freshness in their indoor spaces? Alongside being aesthetically pleasing to the eye, indoor plants serve various functional purposes, ranging from air purification to stress reduction.

But did you know that you can keep indoor plants in your bathroom as well? As unconventional as it might sound, plants are becoming an increasingly popular choice for enhancing bathroom aesthetics. Here's a complete guide to how you can place plants in your bathroom to do the same.

#### Benefits of keeping plants in the bathroom

You must be wondering out of all the available decor options for your bathroom, why choose plants? Well, here are some reasons:

#### Aesthetic Appeal:

Placing plants in the bathroom adds a fresh aesthetic to the space. They create an ambience that is vibrant and soothing at the same time.

#### Air Purification

Indoor plants in the bathroom improve the air quality of the space by absorbing pollutants and releasing fresh oxygen. They absorb a major part of the toxins released into the air by the cleaning products used in bathrooms. Several plants also serve as natural air fresheners and spread their fragrance into the bathroom air.

#### Humidity Control

Having higher humidity levels than other indoor spaces, bathrooms are the perfect spaces for certain indoor plants to thrive. This property is much in demand in regions with dry air as plants can regulate the humidity levels through transpiration.

#### **Stress Reduction**

It is common knowledge now that plants have a calming effect on one's mind, reduce stress and uplifts the mood. Placing plants in the bathroom adds these qualities to the space and makes it more soothing.

#### Best Plants To Keep In The Bathroom

Now that you know the benefits of having plants in your bathroom, here are some plants you can go for:

#### Snake Plant (Sansevieria)

Snake plants are known for their resilient nature. They can thrive exceptionally well in low light and inconsistent humidity, and do not need regular watering either. Moreover, their air purifying properties are an added advantage, making them a perfect addition to your bathroom.

#### Spider Plant (Chlorophytum Comosum)

Spider plants need moderate lighting to thrive and



humidity in the bathroom air is highly beneficial for them. They are also excellent for air purification and removing toxins released by cleaning products.

#### Pothos (Epipremnum aureum)

Another hardy and resilient addition to the list, a pothos plant can survive in moderate lighting conditions with minimal maintenance, while at the same time cleansing the bathroom air and making it fresher.

#### Ferns

Ferns are available in different varieties with leaves of different shapes and sizes. The elegant shapes of the leaves are sure to enhance your bathroom aesthetics. Moreover, these plants are perfect for the humid environment of the bathroom.

#### • Orchids (Phalaenopsis)

If you are looking for a flowering plant for your bathroom, there's nothing better than orchids. These plants are sure to give your bathroom a classy touch. Orchids thrive best under moderate indirect sunlight and require minimal care once grown.

#### Lucky Bamboo (Dracaena Sanderiana)

Bamboos are also hardy and resilient plants that can thrive under conditions of low light without much maintenance or regular watering. Placing lucky bamboo in your bathroom isn't just good for the visual appeal, but is also believed to bring good luck to your home.

#### • Aloe Vera (Aloe Barbadensis Miller)

We are all aware of the various healing and therapeutic properties of aloe vera. These qualities make it a perfect addition to your bathroom. Not only does it require low maintenance and purifies the indoor air, you can also yield its healing benefits by incorporating it into your skincare routine.

#### **FAOs**

### Why keep plants in the bathroom?

Keeping plants in the bathroom enhances the visual appeal of the spaces, purifies the air, controls humidity and helps in reducing stress.

### How do plants cleanse the bathroom air?

Plants clear the toxins released by bathroom cleaners in the surrounding air and also release a fresh fragrance.

### What important things to look for when choosing plants for the bathroom?

While choosing plants for your bathroom, make sure you go for a resilient plant that can survive in low light conditions with minimal maintenance.

### What are some common plants placed in the bathroom?

Snake plant, spider plant, money plant, ferns and aloe vera are commonly preferred for placing in the bathroom.

# Which flowering plants are suitable for placing in the bathroom?

Orchid plants and peace lilies are some hardy flowering plants perfect for placing in the bathroom.

### How regularly should I water the plants in my bathroom?

Bathroom plants do not typically require excessive watering. The high humidity conditions in the bathroom is enough to keep them thriving.

How to take care of the plants in my bathroom? Make sure that the plants receive adequate light and water, prune and trim them regularly, add fertilisers and repot them once in a while.



# Trending Grey Colour House Exterior Ideas

Here are some amazing shades of grey in a variety of combinations that'll be perfect for your house's exteriors.



When it comes to selecting a new exterior paint colour, nothing beats a basic neutral colour. However, if you want to stand out from block after block of white houses, try a sombre makeover with grey paint. The grey trend of recent years has found its way outside, and it turns out that a coat of the colour looks just as good on wood siding as it does on a living room wall. Grey paint may emanate elegance or make a dramatic statement depending on how dark you

Grey looks great on a variety of architectural styles, including Shingle Style houses, which have historically used the hue. Grey is also a great accent colour. If you aren't ready to go completely grey, use grey paint on shutters, doors, and other trim to offer contrast without overpowering your main hue. If you're unsure about which shade to choose, then check out this article about grey exterior house colours.

#### How to choose the right grey exterior house colour?

Consider the surrounding scenery and architecture while selecting the ideal grey exterior paint for your home. The orientation of your residence in regard to the sun will also influence how the colour looks. If you reside in a historic or private community, you must additionally ensure that your grey shade fulfils the specifications established by the property owner's organisation or landmark commission. The substance of your house might also influence how the colour appears.

Before making your final selection and erecting the scaffolding, test the colour on the exterior. Paint test sections on the north and south sides of the home to evaluate how the colour looks in various lighting circumstances. Simultaneously test trim to get a sense of the overall completed look.

#### Best grey exterior house colour combinations you'll love

Here are some amazing shades of grey in a variety of combinations that'll be perfect for your house's exteriors.

- Grey and Beige: Combining grey and beige is a unique alternative for grey colour schemes for outside the house. People are generally hesitant to attempt this combo because they believe it will be uninteresting. However, a mix of bright and dark on your home's external walls may be extremely appealing. If you want the two colours to show, choose a deeper shade of grey.
- Grey and Blue: A 'grey colour house exterior' blue combo exudes elegance. Onlookers will be delighted by the blue and grey mix. Despite the fact that the colours are too chilly, they may offer your home a really pleasant appearance. The colour scheme has the ability to create a relaxing ambience. This is the ideal colour combination for your outside walls, especially if you have a lot of vegetation around your property.
- Bluish Grey and Butter Yellow: Among the greatest contemporary home exterior colour schemes, bluish grey and butter yellow form an appealing complement. To improve the beauty of your home, you can experiment with different hues of both colours. Bluish grey is one of the most striking colours of grey. The colour is a wonderful representation of modernism and refinement.
- Grey and Brown: Grey and brown may come as a surprise when seeking the finest modern grey home exterior colour choices. People frequently avoid this combination because they cannot see the two colours mixing together. However, if you want a distinctive colour combination for your house's exterior walls, you can attempt this.
- Grey and White: When it comes to modern grey home exterior colour schemes, keep in mind that a combination



of grey and white is ageless and has been dazzling people for centuries. With the two colours working together, the external walls of your home will appear wonderful. White is the ideal complement to break up the monotony of grey.

- Grey Board and Batten: To contrast with the dark blue lap, a light grey board and batten are often used to highlight the architecture and provide separation on the outside.
- Blue-grey Siding with Stone: Stone is an excellent component to use in clean, contemporary home designs because it adds a sense of elegance and strength to the overall aspect of the property. When choosing grey siding to complement stone, use a hue with a slightly different tone, such as a blue-grey, to assist in separating the siding from the stone without deviating too far from the colour palette.
- Two-tone Scheme with Charcoal Grey: Charcoal grey is an excellent modern exterior colour that works well with a variety of architectural types. To maintain the contemporary appeal, use a dramatically contrasting hue, such as cherry red, to play against the dark charcoal tint.
- Transitional Modern Style: Sloped roofs are a dead giveaway of mid-century modern influence. This distinct style, however, is mixed with two extremely modern grey tones, giving this home a great example of the transitional modern style, which merges traditional and modern design.

### Grey Colour for House Exterior as Per Vastu

Selecting the right exterior tint for your home is crucial, especially when considering Vastu Shastra. The correct colour can enhance the flow of energy and overall harmony within your home. Grey is a versatile and neutral option for your home's exterior, complementing various architectural styles and accent colours. Here are some reasons why grey exterior paint aligns with Vastu principles:

Balance, Harmony and Resilience: Vastu Shastra associates the earth element with stability and equilibrium, making grey a frequent choice due to its connection with this element. Grey exterior paint can promote a sense of stability and balance in your property.

**Soothing and Tranquil:** Grey is known for its calming and soothing properties. It can contribute to creating a peaceful atmosphere within your home, a key element for Vastu balance.

Versatility at its Best: In Vastu, different shades of grey can enhance the energy flow and balance in distinct ways:

Light Grey: This soft and soothing shade is often linked with the air element, symbolising movement and expansion in Vastu.

Warm Grey: Warm grey, with brown and yellow undertones, imparts a snug and welcoming feel to your home. It aligns with the earth element, signifying solidity and grounding in Vastu.

Charcoal Grey: Opting for charcoal grey for your home's exterior in India can introduce depth and drama. In Vastu, this shade is typically associated with the fire element, representing passion and transformation.

**Greige:** A combination of grey and beige, greige fosters a warm and inviting ambiance. This hue relates to the earth element in Vastu, reflecting stability and grounding principles.



# Some Latest Cabinet Lighting Ideas

These lights add depth, warmth, and sophistication, enhancing the overall ambience.



Cabinet lighting has become an essential component of contemporary interior design. It not only provides sufficient illumination but also contributes to the functionality of the space by making cabinets a focal point. This type of lighting is particularly suitable for kitchens, bathrooms, and living areas, as it adds depth, warmth, and sophistication, enhancing the overall ambience. Cabinet lighting, as the name implies, can be installed either beneath or inside the cabinets and provides proper illumination to the work surface and countertop. Its primary purpose is to offer a soft glow to an area typically low in light while also enhancing the overall aesthetic appeal of the space, making it more inviting and cosier. Keep reading to discover the latest cabinet lighting ideas that are perfect for your home.

### **Best Cabinet Lighting Ideas**

#### Glass Cabinet Display Lighting

Enhance the beauty of your collectables, china, or art pieces by incorporating LED tape lighting inside glassfronted cabinets or display cases. Strategically placed LED lights can create a captivating focal point in your home, highlighting your prized possessions and adding to the overall ambiance.

#### Wardrobe LED

Make your mornings easier with LED strip lights illuminating your wardrobe closets. These lights can be attached to closet rods or shelves, ensuring that every corner of your closet is well-lit and enhancing visibility. The installation process is easy, making it an ideal solution for homeowners looking to upgrade their closet spaces.

#### Floating Vanity LED

Elevate your modern bathroom with a floating vanity and LED lights. These lights provide an elegant, floating, and gentle effect, enhancing the visual appeal of the space. The installation process is also very easy and requires only mounts and screws.



#### • Under-Cabinet LED Tape

These elegant and temporary lighting solutions are perfect for renters, as they have adhesive tapes at the back that can be installed anywhere easily. Available in dimmable options, these lights provide soft illumination to your work surfaces or countertops, enhancing the overall aesthetic appeal of your space.

#### Halogen Spotlights

If you want to improve visibility in your kitchen while cooking, consider adding halogen spotlights. These compact lights emit a warm and natural-looking glow that complements the overall ambience of the room. Installing them under cabinets is an effective way to spotlight specific areas of your countertop, such as the cooking or food prep area.

#### LED Strips

For a versatile and customizable lighting option for your floating shelves, try LED strips. These lights emit a warm glow and are an energy-efficient alternative to traditional lighting options. The adhesive back makes it easy to create a customized ambience in your space.

#### Pendant Lights

If you are looking for optimal and functional lighting solutions for your under cabinet, consider pendant lights. Mini pendant lights with adjustable heights can provide both task lighting and a touch of elegance to your space.



### **FAQs**

### How to choose the right lighting for kitchen cabinets?

You need to consider the size of your cabinets, the type of light you want, and the ambience you want to create in your space. You can consult with a lighting expert to help you choose the right lighting for your needs.

#### Can I install cabinet lighting myself?

Yes, you can install cabinet lighting yourself if you have some basic electrical knowledge. However, it's recommended that you hire a professional electrician to ensure that the installation is safe and up to code.

### Can I install cabinet lighting in my bathroom cabinets?

Yes, you can install cabinet lighting in your bathroom cabinets. This can help improve visibility and provide a more functional and stylish space. However, you should ensure that the lighting fixtures are rated for use in damp environments.

#### How can I make my cabinet lighting more energyefficient?

You can make your cabinet lighting more energyefficient by using LED lights instead of traditional incandescent bulbs. LED lights use less energy and last longer than traditional bulbs, making them a more sustainable option.

#### Can I use dimmer switches with cabinet lighting?

Yes, you can use dimmer switches with cabinet lighting. This allows you to adjust the lighting level according to your needs and create different moods in your space.

### What are some creative ways to use cabinet lighting?

Some creative ways to use cabinet lighting include using it to highlight artwork or collectables, adding it to glass-front cabinets to create a dramatic effect, or using it to accentuate architectural details in your space.





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# The Ring House

# Jaspur, Ahmedabad, Gujarat



# PROJECT INFO

- Project Name: The Ring House
- Location: Jaspur, Ahmedabad, Gujarat
- Project Architect: Tejas Kathiriya, Bhumin Dhanani
- Architect: Studio PrAcademics
- Area:  $740 \, m^2$
- Completion: 2021
- Photo credits: Inclined Studio, Manan Surt



The Ring House is located in Jaspur, the northern suburb of Ahmedabad. While a water canal passes through the site's southern edge, agricultural fields surround the rest of the sides. With water and green fields all around and more than 120 trees, predominantly Mango and Chickoo (Sapodilla) trees, the site is an abode for a variety of birds, an important element of the biodiversity of the context.

The proposed project is a weekend home for a large-sized family comprising 14 members, including four kids under ten years old. As the site is amid natural features, we intended to insert the built form carefully without tempering the existing set of features and trees.

We identified a zone with no fruit trees and tried to knead the compactly built form, hence creating a smaller footprint. The site has varied contour levels, and the program evolved with landscape design integration with existing contours. The zone where the house was to come has been elevated by 3 meters and conceived as a table with grown lawn areas.

This elevated even table partially hosts the built form, while the rest of the built areas are







cantilevered. Proposing the house on an elevated level provided numerous opportunities for the forecourt and house to be surrounded by the thick foliage of the grown fruit trees, with birds roaming around frequently at arm's length.

The built form gets its inspiration from traditional village typology from the Saurashtra region of Gujarat, where 'faliyu' - the forecourt is an open-tosky entrance space, providing adequate light and ventilation, 'osri' - the linear verandah becomes the buffer space often used for informal seating space, circulation space, and occasional sleeping area. Kitchen and sleeping areas are arranged beyond the liner verandah to keep the privacy intact as well as create thermal comfort with controlled sunlight and ample ventilation.

To create a compact form of this typology, the built mass took the circular ring form. Here, the circular entrance space 'faliya' becomes a place



to gather with ample seating spaces, allowing skylight to penetrate through slits created by lifting up the circular roof. 'Osri' here serves its traditional purpose of circulation corridor, dividing the bedrooms, kitchen, and dining area from the volume of living space. As the brick-cladding walls and layers of internal spaces circle around the living areas, hence forming the ring, the built mass gets strategic perforations, creating a variety of view frames of the naturally kept landscape from the internal spaces. Slant, saucer-like slab projection is designed to provide shading to the walls and openings.

We at studio prAcademics engage ourselves to investigate the interaction between the human body's dynamics and the subtleness of spaces. General perception suggests that space remains frozen, and everything, including humans, revolves around it. Very rarely, it is the physical manifestation of human dynamics, and space gets reversed while space starts revolving around everything else.





# Exposed Brick Wraps Residence's Facade

# MYJ House, Bangkok, Thailand



# PROJECT INFO

- Project Name: MYJ House
- Location: Bangkok, Thailand
- Architects: BodinChapa Architects
- Principal Architect: Bodin Mueanglue, Phitchapa Lothong
- Area: 300 m<sup>2</sup>
- Year: 2021
- Photographer: Rungkit Charoenwat



This city home is in a residential area in Prawet district, Bangkok. It was designed in a relatively limited land area. The form of the land is at the corner of the road, which helps make the house in the south and east-ventilated areas. However, it opens up perspectives that neighbors can easily look into because it is an area with quite dense housing.

The building's form must help reduce heat from the sun's rays on the south side, which is on the left side of the land and must be able to create privacy from neighboring buildings surrounded by surrounding buildings so that the homeowner's lifestyle is private and meets the owners' usability requirement as much as possible.

Basic designs are based on the direction of the sunlight. The heat and seasonal wind affect the building and are the starting point for organizing the inside function. The architects created this unique architectural style that would block the heat from the south to entering the main living space, selecting the kitchen, laundry room, and staircases as the areas that receive the natural light and help to reduce the heat entering the central resting area of the house as much as possible, including designing the space to be able to be used to the maximum in a limited area and according to the legal principles, resulting in a design to push the wall in some parts as necessary to be able to legally open the light way. Set back from the land's line, every house function can receive the natural light and ventilation well.







The building's shape on the south side is influenced by the oblique lines from the angle of the stairs to the second and third floors inside the house. Therefore, the architects designed the roof's angle to match the stairs' angle, creating a unique building shape from the lines.

The slanted wall is sharpened by exposed brick material, which is designed to have a façade wall of exposed bricks arranged in a semi-opaque, semi-transparent pattern connecting the brick wall on the south side, bordering the pool area and the edible garden that the architects have arranged on the ground floor to meet at the front of the house in the east side to reduce views from neighbors on both sides and help to prevent the heat entering the inside spaces. It completes the building style and meets the owners' requirement to use bricks as the main material of their home.

The architects picked these materials into materials that tell the identity of the owners and chose to use bricks in areas that can best convey the special qualities of the materials inside and outside the building. In addition, the stairs help to create the overall shape of the building. They also help protect it like a heat barrier.





The interior of the stairwell was designed so that the stairs have solid sections at the entrance to the 2nd floor and chose to use translucent materials at the steps to the 3rd floor to allow natural light from the translucent roof above the stairs to shine on the lowest set of stairs. To help keep this part of the walkway bright during the daytime, greatly reducing energy use.

The inside of the house was designed to be open and airy. The function on the first floor is the living room. The dining area and kitchen are designed so that each function is an open area connected to each other by lowering the floor level. The living room helps to separate the space from each other. The central area of the house corresponds to the dining area.

There is an open floor on the 2nd floor to connect the spaces on each floor so that they can be connected, yet each zone still creates privacy for those who use that area. Because the two homeowners have different lifestyles and hobbies, they need a private corner when they want to separate and do their own missions and can connect at the desired time.

The top wall on the third floor that corresponds to the central hall and the master bedroom on the west have a horizontal skylight design that makes the central area of the house look like a sundial in the afternoon until just before sunset. Light drives the space to have movement and playfulness that changes momentarily. It can be said that this house was designed with a balance in planning for using the land area to suit the building area, including choosing to both protect and make appropriate use of nature.







# Mosquito Repellent Plants In India

These mosquito repellent plants can be easily grown at home.



Mosquitoes are pests found in homes, which can spread diseases such as dengue, malaria, chikungunya and zika. You may take many measures such as burning mosquitos' coils, closing your doors and windows by the evening, and applying mosquito repellent sprays or creams. However, only some of these measures can solve the problem. In addition, many mosquito repellents often contain chemicals that may cause skin allergies or irritation.

So, it is ideal to go for the natural formula by planting plants inside your house to eliminate mosquitoes. Some fragrant plants work as a natural mosquito repellent. Numerous mosquito-repellent plants in India can make your garden or home more beautiful and even aid in repelling mosquitoes and insects from your home.

#### How effective are mosquito-repellent plants in India?

The so-called mosquito-repellent plants generally contain some natural compounds that emit aromas to repel mosquitoes and other insects. These plants even allow you to enjoy the natural and fresh air while protecting you from mosquito bites with open doors and windows.

In addition, mosquito repellent plants in India offer 24/7 mosquito protection without letting mosquitoes enter your house. These plants also emerged as the leading mosquito repellent because they are entirely safe for kids, pets, pregnant women, and the elderly at home.

#### Best mosquitoes repellent plants in India

Here is a list of some of the best, sweet-smelling mosquito repellent plant in India that helps to make your home or garden attractive while keeping the mosquitoes away.

#### Rosemary

Rosemary plant is known as a great herb that is also an excellent mosquito repellent plant in India. You can easily place this plant outside or inside your home. This herb is also very sturdy and you do not need to pay any extra attention. You can easily keep this plant in a bright place and it will flourish. Moreover, you can even place the cuttings of this plant to get rid of mosquitoes and to fill your home with a fragrance.

#### **Peppermint**

The peppermint plant is widely used in many natural mosquito repellents as it is an effective remedy to keep mosquitoes away. You can also rub a few peppermint leaves on your skin to eliminate mosquitoes. This is highly known as India's best mosquito repellent plant as it holds better properties to use as a natural mosquito repellent than mosquito vaporisers or coils.

Additionally, the peppermint plant does not affect your skin, while many mosquito repellent creams in the market generally contain chemical components that can cause adverse effects with prolonged use.

#### Basil

Basil is another mosquito-repellent plant in India with a distinct smell. This plant generally helps eliminate mosquitoes and other pests such as houseflies. You can also plant it in your garden, which enjoys lots of sun.

However, you should ensure the planter has the proper drainage and the plant is damp. You can even rub some basil leaves on your skin to protect yourself from mosquito bites before going out.

#### Citronella Grass

Citronella grass is one of the best and most natural ways to eliminate mosquitoes. Citronella or lemon grass is highly known as a mosquito repellent plant in India because of its distinct aroma.

The best thing about this plant is that it does not require much attention and is extremely easy to maintain. You should only keep the planter in the sunny area of your garden to keep the mosquitoes out. You can even buy the natural varieties of Citronella grass, such as Cybopogon nardus or Citronella Winterianus.

#### Marigold

Marigold is a flowering plant that has many benefits. The fragrance of marigold even helps in repelling mosquitoes. This property of the marigold plant makes it one of the best indoor plants for mosquitoes.

Moreover, you can quickly grow them in pots or holders and keep them at the entrance of your home to keep the bugs out.

Apart from mosquitoes, these plants keep the thrips, whiteflies, squash, aphids, bugs and tomato hornworms away from your home.

#### Lemon Balm

Lemon Balm is an incredible pick for mosquito repellent. It is also known as horsemint due to its solid smell and even fends off mosquitoes and bugs. However, you won't lose the birds and butterflies because of it. This mosquito repellent plant in India has been developed successfully and requires less maintenance, making it easy to handle.

#### **Lemon Grass**

Lemon grass generally goes by the name Cymbopogon Citratus. The bloom of this plant mainly contains citronella, a natural oil that helps repel bugs. In India, this mosquitorepellent plant is also used as an anti-inflammatory medicine. This plant also offers flawless fragrance, which is utilised in different scents and toiletries.

#### Allium Sativum (Garlic)

Garlic plant is one of the most common mosquito repellent plants in India. Garlic is another way to get rid of mosquitoes. You can simply utilise it by cutting it into smaller pieces and spreading it around or at the corners of your rooms.

Moreover, you can even make a mosquito repellent

spray using garlic. You just need to blend it with aromatic oils to create a mosquito-repulsing body spray, or you can grow a garlic plant in your home nursery to avoid mosquitoes and other insects.

#### Catnip

Catnip is also an excellent mosquito repellent plant in India. One of the primary ingredients in Catnip is Nepetalactone, which is much more effective than DEET, as indicated by many researchers. This plant is known as the descent, non-toxic substitute widely used in synthetic sprays.

#### Sage

Sage is an indoor fragrant plant that helps repel mosquitoes from home. It can quickly grow in well-drained soil with moderate sunlight and is super-easy to maintain. Sage plants generally look striking with green-grey leaves and tall stems that bear bunches of purple-blue flowers. Apart from its mosquito-repelling properties, sage also offers anti-inflammatory properties and is highly used in culinary preparations.

# Why opt for mosquito-repellent plants in India instead of synthetic repellents?

- The mosquito repellent plants in India have been used for generations in traditional practices as the natural and personal protection measure against host-seeking mosquitoes.
- Moreover, commercial mosquito repellent products containing plant-based ingredients have recently increased in popularity among customers. This is because they are commonly perceived as safe compared to synthetic repellents.
- In addition, the potential mosquito-repellent plants are further stratified as they do not contain harmful chemicals and are typically non-toxic, which makes them safer to use around children, pets and the elderly at home.
- They also tend to have a more pleasant smell than synthetic repellents, which can be unpleasant and overpowering.
- Moreover, mosquito repellent plants can be quickly grown at home, which provides an eco-friendly and sustainable alternative to synthetic products.
- In addition, DEET may even defect in childbirth and cause cancer as well. Many people opt for natural measures to eliminate mosquitoes, such as mosquito repellent plants in India.

# How to Make Sure That Your Pool Is Always Clean



If you have a swimming pool, it's important that you keep up with the cleaning process. There are several things that you can do in order to make sure that your pool is always clean and free from dirt and debris. Here is how to make sure your pool is always clean.

#### Do Weekly Maintenance

You should take the initiative to start this task at least once a week. Do this by removing leaves, twigs, and other vegetation that may have fallen into your pool during the week. Vacuum out any dirt or gunk that has accumulated on the bottom of the pool. Be sure to brush all the sides down as well. You have probably been wondering why do pool maintenance this often, but it is very simple.

This will not only help your pool, but it'll also save you money in the long run because you're preventing damage that might occur if you let dirt and debris accumulate over time.

## Treat anytime there's an issue with color or clarity

If your pool ever has a sudden change in color or clarity, it could be an indicator of larger problems. If you find out there's a problem, and you don't treat the affected areas immediately, the problem may spread and get worse. Treat any water that is murky or cloudy by using liquid chlorine (6-8 ounces for every 10,000 gallons, liquid shock (10-12 ounces per 10,000 gallons), liquid algaecide, or powdered super-chlorinating agent.

In addition to this treatment process after issues have been found with clarity or color, if you regularly keep up with maintenance procedures you won't have to go through these processes as often. This will save you money and make it easier to maintain clear water quality in your pool, which is important for health reasons.

#### Dump dirty water out of the pool

Dumping old, dirty water out of your pool is an essential part of keeping your pool clean. The amount you should dump varies based on how much rain or other outside factors have contributed to dirtier water entering the pool, but you should always drain 20% whenever possible.

Use a vacuum to remove any leaves or grass that may be stuck in the bottom before starting this process. Also, if you haven't checked the pH level recently (which you should do regularly), check it now with pH test strips before you drain the water. Be sure to match or closely match the new water with the old water in terms of pH level before continuing. If you don't, it could result in a worse problem caused by acidic or alkaline water that isn't properly balanced.





#### Keep an eye out for signs of algae growth

Algae can be dangerous because it grows fast and can clog up your filters. Although there's nothing wrong with having a few types of algae in your pool, a lot is dangerous because it makes it harder to keep clean and maintain proper filtration during regular cleaning procedures. Check for any greenish tinting in the water, which is a sign that there might be some algae growth.

Also, check for any scummy-looking spots on the sides of your pool or bubbles on top of it that may indicate increasing amounts of algae. This is especially important to look out for during periods of warmer weather when algae grow faster than usual. If you find some, treat with either chlorine (liquid or powder) or non-chlorine shock (1 pound per 10,000 gallons).

#### Clean the filter

As you're cleaning your pool, be sure to check your filter. If it's dirty, you should clean or replace it. Depending on how often your pool is used, this will need to be done anywhere from once every few months to once every other week. Be sure not to use chlorine-based cleaners when cleaning the filter because they can break it down and render it useless. Instead, use a liquid acid wash (1 ounce (ca. 38 g) per 10 gallons (ca. 38 l) of water) in your skimmer before draining dirty liquid into your pump basket to keep debris contained there instead of clogging up the filter itself.

#### Check the pool pump

The pump motor can be one of the most important parts of your pool system because it is what draws water through the filter. If you have a proper system in place that includes a cartridge filter, backwash valve, cleanable sand filter and/or D.E. filter, it's especially important to maintain all of these components, so they don't get clogged up or worn out too fast.

The easiest way to keep track of this is by checking the pressure gauge frequently during regular use, so you know when it needs maintenance. Make sure to check periodically for any signs of slowing down or failures in general while you're running the pump every day before using your pool.

### Why should you make sure that your pool is always clean?

It's important to make sure that your pool is always clean for several reasons, including your own health and the appearance of the pool. If you have a dirty pool, it can pose a risk to people who swim in it because water can contain bacteria, viruses, and other microorganisms that may cause problems. In addition, if there's dirt or other particles floating around throughout your water, then it can affect how well your filtration system works as well as what chemicals you need to put into the water in order to keep it clean and sanitary.

By following these steps carefully, you can maintain clear water, so you know for certain that there aren't any unnecessary risks to those who use it. Everyone wants a clean pool, and with regular maintenance, it can be achieved very easily.



# Making The Most of Your Outdoor Space With a Wooden Garage



Are you searching for ways to make the most of your outdoor space? Perhaps you need a garden building that offers plenty of valuable floor space, some room for outdoor living, but also a place where you can store your vehicle overnight.

Rather than spending all your hard-earned cash on a fancy extension or investing in a garden shed that only solves half the problem, you should consider a wooden garage.

#### Why are Wooden Garages so Popular?

Wooden garages are incredibly popular and for a good reason. Not only do they offer plenty of wall space to have your garden tools or a place to store your garden furniture in the winter, but wooden garages are also beautiful structures that will help you save space and money.

The best part? Your garage door allows you to store your car alongside your gardening equipment, so when the weather takes a turn for the worst, your car will be safely protected.

But a wooden garage doesn't have to just store your cars or garden items. It can also be used as a home gym, a place to relax, or even a place to work. It is this versatility that has led to a large increase in the popularity of wooden garages in recent years.

#### What to Look for in a Wooden Garage

#### High-quality garage doors

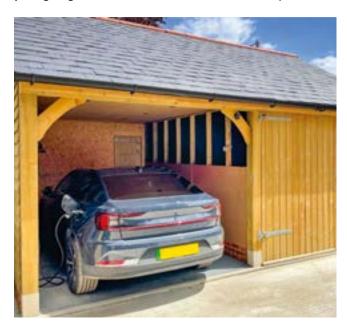
Chances are, the main reason you are considering investing in a wooden garage is because you want somewhere secure to store your car when not in use. Therefore, it is vital that the garage doors and other materials used are of the highest quality. At Summer House 24, they use slow-grown Nordic spruce for all their wooden garages to ensure you get the best quality for your money.

#### Additional outdoor storage space

On top of storing your car, investing in a wooden garage is also an excellent opportunity to get more storage space, whether it be for garden tools, outdoor furniture, or even Christmas holiday decorations.

#### A sturdy garage ceiling

Finally, you need to ensure the wooden garage you opt for has a suitable ceiling, one that will withstand all the weather types that the UK will throw at it! What type of roof you choose is completely up to you, but whichever option you choose, you must ensure it adequately protects your garage and doesn't allow water to sit on top of it.



#### **Wooden Garage Storage Ideas**

#### • Create a storage wall.

One easy way to ensure there is enough room in your wooden garage for outdoor toys, power tools, and other essential items is to create a wall specifically dedicated to storing smaller items.

#### Maximise your vertical space

Many wooden garages come with a larger roof, giving you plenty of space to pack away camping gear or sports gear in the rafters until you need it again next year.

#### • Install a shelving unit.

Finally, putting up shelf brackets will allow you easy access to any important equipment while also allowing enough floor space for all the furniture you want to store.

# Final Thoughts on Garden Buildings and Wooden Garages

As you can see, there are many benefits to investing in a high-quality wooden garage. At Summer House 24, they provide you with the best quality summer houses and wooden garages at affordable prices. Get in touch with them today to find your perfect wooden garage.

# Frequently Asked Questions About Wooden Garages

 Do I need planning permission for a wooden garage?

Whether or not you need planning permission differs depending on your circumstances. Always check with the experts before making a purchase, just to be on the safe side.

Other than car storage, what does a wooden garage offer you?

A wooden garage can be incredibly versatile, offering a place to store garden equipment and tools and even as a hobby room or home office.

What should I look for in a wooden garage?

When searching for a wooden garage, keep in mind that this should be seen as an investment. That means choosing a wooden summer house within your budget but is also built with materials that are meant to stand the test of time.



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# Sustainable Development: **Emerging Trends In The Construction And Building Industry**



The promotion of sustainable practices is playing an increasingly important role in a wide range of industries. In line with this trend, the construction and building industry is gradually moving towards deploying green building techniques given its impact on the climate. According to the World Green Building Council, the construction sector accounts for 36 per cent of worldwide energy consumption and 39 per cent of global carbon dioxide emissions.

With the population increasing, sustainable construction has become even more critical to reduce carbon emissions. Green or sustainable buildings are designed and built with the goal of minimising their environmental impact while maximising efficiency, resource utilisation and occupant comfort. Developing these buildings involves the use of new technologies, materials, and design ideas to make places that are sustainable and good for the environment.

Green buildings have various

features that make them distinct from traditional buildings. These attributes include energy efficiency as these buildings are designed to consume less energy by incorporating tools such as advanced insulation, energyefficient lighting systems and highperformance windows. Energy optimising systems heating, ventilation, and air conditioning further reduce energy consumption, resulting in lower utility bills and reduced greenhouse gas emissions. Second, these buildings make use of sustainable/ locally sourced materials during construction to reduce the environmental impact of construction activities. Some of the other features are water conservation, storm water management and renewable energy generation.

#### **Green Building Trends**

The uptake of green buildings is key to meeting India's ambitious climate goals, especially to become net zero by 2070. As per the Observer Research Foundation, buildings

account for over 40 per cent of the country's total energy consumption, and this is growing at 8 per cent per year. Additionally, the study states that if traditional, inefficient building practices continue, buildings will be responsible for more than 70 per cent of emissions by 2050.

Several regulatory measures have been initiated by the central government in this space. In 2001, a Leadership in Energy and Environmental Design (LEED) India committee was established the Indian Green Building Council (IGBC). Further, TERI's Green Rating for Integrated Habitat Assessment (GRIHA) was introduced. GRIHA has been approved by the central government as the national building rating system.

According to a working paper by the Institute for Social and Economic Change (ISEC), green building ratings were first adopted by corporate houses such as the Godrej Group, Tatas and M&M, as well as airports in Bengaluru, Mumbai, Hyderabad and New Delhi, which are managed by GMR. IT parks, malls, residential buildings, educational institutions, airports, factories, government buildings, hospitals, hotels, other institutions are among those approaching the IGBC and taking the green route. As reported by the IGBC, 11,053 projects with a green footprint of over 10.27 billion sq. ft. have been

established. Of these, 3,653 projects are certified and fully operational.

To facilitate the deployment of green building measures, the government provides several incentives. IGBC-rated green buildings can avail a bunch of benefits that vary across different states. These include tax benefits for developers of LEEDcertified buildings. Developers can claim up to 100 per cent depreciation on the cost of green building assets, solar panels, rainwater such as harvesting systems and waste management systems. Low-interest loans are granted through the Indian Renewable Energy Development Agency for building projects with green certifications. Moreover, the Pradhan Mantri Awas Yojana and the Eco-Niwas Samhita, or green housing initiative, are expected to significantly enhance the country's green residential building sector.

#### **Cost Trends**

Green buildings are perceived to be more expensive than the standard traditional ones. In the case of green buildings, lifetime payback includes operational cost savings, credits for lowering carbon emissions, and potentially greater rental or capital values. A working paper titled "Promoting Green Buildings towards Achieving Sustainable Development Goals: A Review", published by the Institute for Social and Economic Change in July 2021, reported some key insights regarding green building costs. As per the report, the IGBC platinum green structures, which were earlier 15 per cent more expensive, are now 9-12 per cent more expensive than non-green structures. Second, although cost premium estimates for green building construction differ, platinum LEED buildings in India have a longer payback period

than gold or silver-rated buildings. The designated ratings by IGBC for certifying green buildings are silver, gold and platinum ratings. The cost of these buildings also differs according to different types of ratings under which the project is executed.

The cost is likely to decrease over time as the green construction sector develops. In addition, different raw materials that used to be imported from distant locations are available which further locally, lowers expenses. Also, with an increase in knowledge about sustainable practices, establishing such buildings can be more innovative and costeffective.

As per a report titled "World Green Building Trends 2018", published by Dodge Data and Analytics, Indian respondents were found to be more conservative in their expectations for one-year operating cost savings for new green and retrofit projects. Their five-year expectations for new green projects were more stable. They were, however, found to be more conservative about payback time frames on new projects than they were about green retrofits, possibly because that market is still niche.

#### Outlook

As per data from Fortune Business Insights, in 2022, the market size for green building materials across the world was estimated to be \$377.03 billion. The market is expected to grow from \$422.27 billion in 2023 to \$951.15 billion in 2030, with a compound annual growth rate of 12.3 per cent during the time of the forecast. While green buildings may have greater initial construction costs, they provide long-term benefits such as higher energy efficiency, lower operational expenses, and a

environmental footprint. smaller These advantages can more than compensate for the initial cost differential, making green buildings more financially appealing in the long run. Furthermore, the actual cost difference between green and regular structures might vary significantly depending on project parameters and region. To overcome the financial constraints in setting up such projects and make the country more selfreliant, the government has been actively bringing in incentives for developers, and promoting domestic technologies and in-house inputs.

In line with the emerging need for innovation in the construction industry, the Surat Municipal Corporation, in September 2023, launched a Clean Construction Manual for worksite engineers, supervisors and workers. The objective of the manual is to reduce air pollution and ensure the adoption of sustainable practices in the city's construction sector. The manual comprises detailed steps to ensure air quality monitoring, movement of building materials, site cleaning, and sustainable construction and demolition waste management practices.

A report by The Energy and Resources Institute highlights that if urban buildings adopt the concept of green buildings, it is possible to save up to 8,400 MW of electricity annually, which is enough to light 550,000 homes. Thus, it would be useful to make the technologies and resources available for such projects accessible to small builders as well as to ensure mass uptake of this concept. Going forward, green buildings in the country can revolutionise the incorporation of sustainability on a large scale.

## What Are Stirrups In Construction?

They are usually made of steel and resist the tensile forces occurring in the structure.



In construction, stirrups are used to reinforce concrete structures. They prevent the concrete from cracking under pressure while also offering strength and stability. Stirrup is a closed loop which is responsible holding the reinforcement bars together while constructing structures, such as columns and beams. They give the structure better lateral support, further improving its longevity and structural strength.

#### What are stirrups?

Stirrups are structural elements that support and stabilise reinforced concrete beams and columns in bridges, buildings, and other structures. They are usually made of steel and serve as a way to resist the tensile forces occurring in the structure. A stirrup is placed vertically at fixed intervals and is usually bent into a U or a rectangular shape. This is done to get maximum reinforcement. According to industry standards, the space between stirrups must not exceed a limit to ensure the structural integrity of the concrete element. The shape and size of the stirrup depend on the requirements and the loadbearing capacity of the structure.

#### What are the types of stirrups in construction?

Single-Legged Stirrups: Singlelegged stirrups have no loops and a flattened U-shape. It is used to tie two rods and is quite uncommon in construction.

Double-Legged Stirrups: This is the most popular type of stirrup type, which needs at least four roads to get the loop completed.

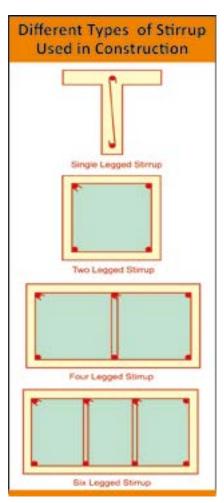
Four-Legged Stirrup: Four-legged stirrups are made of two overlapping stirrups. They create a loop around at least four rods and can maximum go up to six.

Six-Legged Stirrups: These stirrups support a beam that contains eight reinforcement bars.

#### What are the advantages of stirrups?

#### Improves Stability

Stirrups keep the reinforced concrete structure in its desired





shape. They act as a skeleton of the structure to remain in its intended shape without drastically changing it. This improvement in stability makes the structure more resistant to outside forces.

#### Increased Strength

Structures constructed reinforced concrete can withstand larger loads than un-reinforced structures. Because of stirrups, they can stay stable and strong even under heavy loads. Stirrups are important in providing additional strength and preventing cracking and fragmentation of the structure.

#### • Improves Crack Resistance

Reinforced concrete structures with stirrups are more resistant to cracks than others. This is because the stirrups distribute stress equally throughout the structure, further preventing concentrated areas of stress, leading to cracking. It also helps to keep the concrete in its shape, which makes it less likely to crack.

#### Why are stirrups important?

One of the main factors in concrete's structural integrity is the presence of both tensile and compressive forces. While concrete can go on to handle compressive forces effectively through longitudinal bars, it is likely to cause brittle failure when forced into tensile forces such as wind loads, earthquakes and flexibility. This is where stirrups step in, as they can resist the tensile forces and prevent further cracking. Strength and durability are also important in resisting environmental aspects like humidity or saltwater corrosion, making stirrups essential in such areas.





#### s**FAOs**

#### How do we install a stirrup in a concrete structure?

The stirrup is usually installed by placing it around the steel bar in concrete beams or columns. After that, you can secure it with wire. The spacing of the stirrup will depend on the design and loads of the structure.

### What are the benefits of using stirrups?

Stirrups can increase its strength and stability while also reducing the risk of cracking and fragmentation. This offers a longer lifespan to the concrete structure.

### What are the different types of stirrups?

There are many types of stirrups used in construction, which include closed stirrups, open stirrups, bent-up stirrups, and rectangular stirrups. The type of stirrup depends on the design of the loads it will be subjected to.

#### How do stirrups resist shear forces in concrete structures?

When two parts of a structure are pushed in opposite directions, shear forces occur. It causes the structure to twist or bend. It also helps to resist shear forces by keeping the rebars in place and preventing them from sliding out. This maintains the integrity of the structure and prevents collapse.

### Can we use stirrups in other types of structures other than concrete?

Stirrups are mostly used in concrete structures, but they can be used in other structures, such as steel or timber.

## Difference Between Map And Plan

### Adding plants to your bathroom enhances its aesthetic appeal and purifies the air



#### What is a map?

Any space can be seen visually on a map. It is mainly utilised in certain regions, and the place could be real or fictional. It may or not be according to a defined scale. Maps use symbols and colors to depict various data.

#### Types of Maps

There are several types of maps, some of which are mentioned here.

- 1. Climatic maps represent the general pattern of climate in a particular area.
- 2. Political maps show the political boundaries of the places in it. They also offer the major natural water bodies in the geographical area.
- 3. Relief maps are another name for physical maps. They display many physical landscape types, but an example map would show mountains, forests, rivers, lakes, oceans, deserts, and plateaus. Various colors are used to depict the different landforms and water bodies.
- 4. Road maps show the roads and routes available in an area. An active version of these is now widely used by people to go from one place to another. For example, google maps.
- 5. Resource maps indicate the distribution of resources

- such as metals, petroleum, agricultural products, etc.
- 6. Thematic maps concentrate on specific themes like population density, precipitation levels, poverty, etc.

#### **Uses of Maps**

- Maps are used to understand the location's geography and other natural aspects. They may also portray resources available or other data relating to the site.
- Maps educate children and everyone else to visualize a place. Also, it encourages spatial thinking.
- They help you find your way from one place to another.
- It simplifies numerical data by giving it a pictorial representation.

#### What is a plan?

A plan is a drawing with technical details of a place or building. It is a drawing that can be utilized to comprehend the procedure or construction. The plan often has a particular purpose and hence has details only relating to the project's specific needs. It is usually made ahead of executing an action.

#### **Types of Plans**

- 1. Floor plans contain measurements of the floor, walls, etc. It could also include the position of the furniture in the plan. 3D models of the floor plan are often made these days
- 2. Site plans show the plan of an entire building or group of buildings instead of just one.
- 3. Millwork drawings are precise drawings with the tiniest element included along with its measurements. These could be pieces of furniture, cabinets, etc.
- 4. A ceiling plan, as the name suggests, is the plan of the ceiling, including architectural design and light fixtures or other details.
- 5. The exterior elevation shows how a building would



look from the outside. It would show you how the doors, windows, lights, and other external aspects are placed. This image of the elevation can be a 2D or 3D image.

- 6. Interior elevation is used to show the interiors of a building. It is usually a complete image with cabinetry and furniture in place.
- 7. A Landscape plan can help you understand the design of a garden or how the foliage has collaborated with the creation of the building.
- 8. Mechanical plans give information regarding heating, air conditioning, water flow, etc., in a building.

#### **Uses of Plans**

- Just like maps, a plan intends to simplify complex data related to a place or project.
- A plan helps to minimize unexpected encounters in the execution of a project.

- A building plan is used when there are issues in the building. For example, if the reason for a water leak is challenging to find, a plan containing the internal route of the water pipes can be of great help.
- A plan can help manage and coordinate work within the space to achieve a common goal.

#### Difference between Map and Plan

The words' Map' and 'Plan' are sometimes used interchangeably. However, it is easier to distinguish between a map and a plan if the purpose is known.

#### How are maps and plans similar?

Although we are discussing how to distinguish between a map and a plan, we should also know the similarities between these two. Maps and plans have some similar features. Here are some of them:

- Both are diagrammatic representations of a space
- Both involve colors and symbols to indicate the features
- Both maps and plans are made to understand a place in greater detail
- They may or may not be made to an appropriate scale
- One can create 2D and 3D versions.

#### **Conclusion**

Maps and plans are very functional visual representations of places or spaces. One can distinguish between a map and a plan based on the scale at which they are drawn and the purpose that they serve.

#### **FAQs**

What is the most noticeable difference between a plan and a map?

A plan shows a small space on a large scale, whereas a map shows ample space on a small scale.

Can vertical distances be shown on a plan or a map?

Both mostly display only horizontal distances. On some maps, however, one can also be depicted using contour lines and vertical plan.

Are maps consistently accurate? No. Some maps are not drawn to scale. It affects their accuracy.

Can an ordinary man understand a plan?

A plan usually has several technical details. Not everyone can make plans, but most people can understand them.

What are the different kinds of mechanical plans? Mechanical plans include ductwork layout, diffuser locations, thermostat locations, damper locations, etc. Electrical, plumbing, fire protection, heating, ventilation, and air conditioning have separate drawings.

# What Is Civil Engineering?: Scope And Importance In Construction

Civil engineering is the field of engineering that deals with planning and execution of the structural aspects of construction



Among all the branches of engineering, civil engineering holds paramount importance when it comes to the field of construction. Despite being the oldest known type of engineering, the relevance of civil engineering has remained constant throughout.

Not only does civil engineering come in use while building structures, its role is equally vast in the stages of designing and maintenance, that come before and after the construction stage respectively. Here we discuss the wide and indispensable. scope of civil engineering in the construction industry.

#### What do civil engineers do?

The major job of civil engineers is to develop infrastructure. They are responsible for designing and building structures with the ultimate aim of improving the quality of life of people. They also need to ensure that the structures are safe for public use and serve the function they are intended for, and administer proper maintenance so that the structures remain usable and safe over time.

So what do civil engineers exactly build? If we look around, we will notice the overarching impact of civil engineering on our immediate environment. From

residential and commercial buildings to roads and bridges, from dams to sewage systems, civil engineers contribute to the development of all these structures and more.

#### **Subtypes of Civil Engineering**

Let us now have a look at what are the specialised branches of civil engineering to understand the skill sets of different types of civil engineers.

#### Structural Engineering

Structural engineering is the branch of civil engineering that deals with the optimisation of the basic units of the structure being built. This ensures that the strength and safety aspects of the structure are not compromised during the process of construction.

For example: it is the responsibility of structural engineers to ensure that bridges can carry enough load without collapsing and buildings are resilient to environmental factors and calamities like earthquakes.

#### **Transportation Engineering**

As the name suggests, this branch of civil engineering deals with the design and construction of transport infrastructure. From roadways to airways, transportation engineering is a requisite in every transport system. Not only are transportation engineers responsible for building and maintaining roads, highways and bridges, they also construct railway lines and airports.

#### **Environmental Engineering**

Environmental engineering is the subtype of engineering that largely deals with aspects of sustainability with the goal of making the living environment better for the public and improving their overall health. Such engineers work on tasks like waste management, pollution control and wastewater treatment to provide more efficient and safe systems.

#### **Geotechnical Engineering**

Geotechnical engineering is the field that deals with evaluating the quality of rocks and soil to ensure that the surrounding environment is suitable for construction purposes. Moreover, geotechnical engineers also undertake the all-important responsibility of designing a strong foundational base under the ground for the structure being built.

#### **Water Resources Engineering**

Water resource engineers work on aspects like water supply and distribution systems and on the reduction of damage caused due to water-related calamities. They are also responsible for the optimal maintenance of waterworks infrastructure such as canals, dams and reservoirs.

### How are civil engineers significant in the construction industry?

Civil engineers play a crucial role in every step of the construction process. Be it planning the design or risk management, the knowledge of civil engineering is necessary at all times while developing any kind of structure.

Before the commencement of construction, civil engineers are required to chart proper plans, budget and schedule to make sure that the project is executed in the most efficient and feasible way. Further, they are also involved in the designing of the structure according to safety standards and environmental regulations.

They also act as a liaison between the various departments executing the project, such as construction workers, contractors and resource providers. In a way, it is the responsibility of civil engineers to oversee the entire construction process and make sure that quality is not compromised.

#### **FAQs**

#### What do civil engineers do?

Civil engineers are responsible for the designing and construction of structures. They are involved at every stage of the construction starting from the planning till the maintenance.

#### What are the branches of civil engineering?

The main branches of civil engineering include structural engineering, transportation engineering, environmental engineering, geotechnical engineering and water resource engineering.

### Which is the most common branch of civil enaineerina?

Structural engineering is the most common branch of civil engineering.

#### Are civil engineers required during the construction of residential buildings?

In case of residential buildings, civil engineers are involved in planning of the structural aspects and ensuring that safety standards are maintained.

#### What is the difference between civil engineers and architects?

Civil engineers mainly work on the structural and functional aspects of buildings, whereas architects are involved with spatial planning and designing.

#### Are civil engineers government employees?

Civil engineers can work either in the public sector or in the private sector.

### Do civil engineers need a professional licence for practise?

Yes, civil engineers require a licence to practise their profession which can be attained only by qualifying the eligibility criteria set by the Engineering Council of India (ECI).



## A Guide To Using Particle Board For Furniture

Particle board is a low-priced alternative to solid wood and other engineered wood.



With the cost of living ever on the rise in today's world, there always remains the need for affordable alternatives to conventional options wherever possible. When it comes to furniture, particle board is becoming an increasingly popular option for customers who are looking to revamp their interiors.

Also known as chipboard or low-density fireboard, particle board is made using the waste from wood products like sawdust and shavings, bound together with synthetic resin. Here is a detailed guide with everything you need to know about particle boards.

#### Types of Particle Boards

Now that you know what a particle board is, let's have a look at some of its types.

- Single Layer: This type of particle board is made using same-sized wood particles. The finished appearance and feel of a single-layered particle board can be rough and its durability is not very high.
- Three Layer: Unlike its smaller counterpart, this type of particle board has a core layer for greater durability in between the face layers made of better-quality wood.
- Veneered: As the name suggests, a veneered particle board has a layer of wooden veneer applied to its surface. This is a more aesthetically pleasing variety of this type of engineered wood.

- **Laminated:** This type of particle board has a laminated layer on its surface of a desired colour or embossing. Just like veneered particle boards, this is also a popular choice among aesthetes.
- Melamine: The most durable of the lot, melamine particle boards have a layer of melamine on their outer surface. Along with aesthetic appeal, this also ensures greater heat resistance.

#### Possible usage and scope

So what are particle boards used for? Is its scope limited only to furniture? Well, the use of particle boards goes much further than just furniture and can prove helpful in many other aspects of interior decoration.

- Furniture: From tables and chairs to bookshelves and kitchen cabinets, the diverse properties of particle boards have something for every kind of furniture. You can choose from the wide variety of available particle boards the one that best suits your furniture needs and aesthetic taste.
- Walls and Floors: Particle boards are a much soughtafter choice for making wall panels that can be stylized accordingly. Though not used for making floorboards, particle boards can be added as a protective layer to hardboard floors.
- Doors: Doors often have a core made of particle board since its strength and structure suit the functionality perfectly.
- Speaker Shelves: Yes, we get it. Particle boards can be used for making shelves. But why specifically speaker shelves? Well, particle boards have this unique soundabsorbing feature that will surely be a significant upgrade to not just your interiors, but your audio experience as well!

#### **Affordability and Pricing**

Owing to its structure, composition and manufacturing process, particle boards are cheaper than regular wooden



ply used to make furniture. The pricing depends on the type of particle board being used.

The price can range anywhere from Rs 30 – 60 per sqft. Again, there are several factors that affect the price of engineered wood but it still remains a popular choice.

#### Why use particle boards for furniture?

There are several advantages of using particle boards for furniture. Here are some:

• Affordability: A lot has been said about the costeffectiveness of particle boards. Not only is particle board cheaper than solid wood, it is also priced lower than its other engineered wood counterparts such as HDF, MDF and plywood.

It is the go-to option for people looking for affordable ways to beautify their interiors without squandering exorbitant amounts of money or compromising on quality. Moreover, the aesthetic appeal is a cherry on top!

• **Easy Maintenance:** Not only do particle boards come cheap, but they also have really low maintenance costs. Caring for particle board furniture is a cakewalk, and if done correctly, it can extend its lifespan considerably.

Unlike solid wood, particle boards do not give in to humidity easily and have greater resistance. Nevertheless, like all wood products, it is important to prevent excessive moisture build up. As far as the cleaning is concerned, just gentle wiping with a damp cloth is more than enough.

- Aesthetic Appearance: article boards are available in various patterns, prints and colours. This allows consumers to choose what is most suitable to their taste. The stylistic aspect is one of the major reasons behind the soaring popularity of particle boards.
- Environmental Sustainability: Owing to composition, particle boards take a very low toll on the environment. It is made using waste generated from woodwork like sawdust and shavings. Not only does this

help in waste management, but also reduces the need for further deforestation to fulfil the demand for hardwood.

#### Competitors and alternatives

Despite all its advantages, it is important to remember that particle boards have their share of cons as well. They are not as durable and cannot be subjected to heavy or rough usage. Moreover, they are brittle and do not have a long lifespan.

Before you make a call, here are some alternatives to particle boards and how they compare with each other.

- **Plywood:** This type of engineered wood is made by sticking together thin sheets of wood. It is more durable than particle boards. However, it is also priced higher than particle boards and has a rougher finish that might compromise on aesthetic considerations.
- HDF: Unlike particle boards that are made with chips, shavings and sawdust, high-density fiberboard or HDF is made using wood pulp. Although it is priced higher than particle boards, it also offers much better durability and water resistance.
- MDF: Medium-density fiberboards or MDF are more durable than particle boards and have a smoother finish. Moreover, it also offers greater water resistance and has the ability to hold greater loads. But it is also priced higher than particle boards and some of its components can pose environmental hazards.

#### **FAOs**

· What are the advantages of using particle board in furniture?

Particle boards are easy to maintain, aesthetically pleasing and priced lower than its other engineered wood counterparts.

- What maintenance do particle boards require? Particle board furniture does not require any maintenance other than regular dusting and cleaning. This can be done using a damp cloth.
- Is particle board better than plywood? Despite being less durable than plywood, particle boards are cheaper and have a more aesthetically pleasing appearance.
- What is the difference between particle board and HDF?

The difference between particle board and HDF lies in the composition. While the former are made using sawdust and wood shavings, the latter uses wood pulp.

## DPC Construction: Meaning, Materials, Methods And Factors To Consider

A plan is a drawing with technical details of a place or building while maps use symbols and colors to depict locations



Do you find old buildings' musty and damp smell unpleasant and uncomfortable? Not only that, but it can also pose major health risks that you should avoid. Fortunately, there is a solution to this problem - Damp Proof Course (DPC) construction. DPC is typically associated with newly built structures. However, it can also prevent moisture seepage from the ground level from rising through walls. In this article, we will dive into the meaning of DPC construction, its methods, materials and factors to consider.

#### What is DPC construction?

It is a damp-proofing measure that safeguards buildings against moisture damage. It involves installing a horizontal barrier at the base of the walls to prevent rising dampness, which can cause structural damage and health risks. This construction tactic effectively enhances the lifespan of the building. It blocks humidity and moisture from harming the foundation.

#### What are the methods of DPC construction?

- Physical DPC involves using a layer of waterproofing material between the layers of masonry or concrete. This method aims to create a barrier against moisture.
- Chemical DPC is achieved by injecting a chemical solution into the walls or floors. This method is commonly used in existing buildings where physical DPC is not present or ineffective.

- Integral DPC involves incorporating a waterproofing additive into the concrete or mortar mix during construction. This additive forms a crystalline structure within the concrete, which blocks the passage of moisture. Integral DPC is commonly used in basements, foundations, and retaining walls.
- Cavity wall DPC is used in buildings with cavity walls. A horizontal barrier is installed at the base of the cavity to prevent moisture from rising. This barrier can be made of materials like slate, engineering bricks, or precast concrete blocks.
- External DPC, on the other hand, is installed on the external surface of the walls or floors to prevent moisture ingress. This method involves applying a waterproofing membrane or coating on the external surface. External DPC is commonly used in areas with high rainfall or where the groundwater level is high.

#### What factors should be considered during DPC construction?

Material selection: : The type of building, soil conditions, and budget are some of the factors that can influence the choice of materials for DPC construction.

Installation process: The installation process must be carried out by skilled professionals who can lay the DPC at the correct height and thickness, ensuring complete coverage and continuity.

Building regulations: It is crucial to adhere to building regulations and codes while constructing DPC, as these regulations ensure its quality and effectiveness.

Cost and maintenance: The cost of can vary depending on the material and size of the building. It is important to consider long-term maintenance costs as well.

Damp Proof Course (DPC) construction can be a reliable way to protect a building's integrity without incurring significant maintenance costs. However, it is essential to perform periodic upkeep and care to ensure its effectiveness in the long run.



The Retail market rates given in this magazine are for materials of reputed brands or ISI quality, collected from reliable and standard shops of Lucknow. Some items are quoted net including all taxes, and some subject to GST, as may be applicable. Rates are likely to differ slightly from city to city due to the difference in local taxes, octroi and freight cost. We have taken due care to publish the correct retail market rates. In case of mistake in

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25 mm			5500.00	per 100 qb ft
20 mm			5200.00	"
8 mm			4500.00	"
Stone Lime for white washing (Katni)	1000.00	to	4000.00	per qtl.
Stone Ballast			75.00	per qb.ft.
Baloo			35.00	per qb.ft.
Maurang			60.00	"
GST Extra				

	CEMENT		
Cement	385.00 to	445.00	per bag
White Cement			
J.K.		990.00	"
Birla		980.00	"
With GST			

		RON S	TEFI			
Iron Rods	6 mm 6300.00	8 mm 6200.00	<b>10 mm</b> 6000.00	12to25 mm 6000.00	per qtl.	
TMT Bars	0300.00	6200.00	6000.00	6000.00	"	
- Dais	<u>-</u>	0200.00	0000.00	0000.00		
Iron Angles	50x	50x6 mm		6100.00	Per qtl.	
	35x	35x5 mm		6200.00	"	
	35x	35x4 mm		6300.00	"	
Channels	75x	40 mm		6500.00	"	
	100	x50 mm		6500.00	"	
	125	x65 mm		6600.00	66	
	150	x75 mm		6600.00	"	
Beam	150	x80 mm		6800.00	66	
	200	x100 mm		6800.00	"	
	250	x125 mm		6900.00	"	
Flat Iron	25x	6 mm		6300.00	"	
	40x	6 mm		6300.00	"	
Plates	3,4,	5,6 mm		7200.00	"	
	8,10	) mm		7400.00	"	
	12,	16, 20, 25 n	nm	7100.00	"	
Barbed wire G. I.	12x	12 100 kg		8800.00	44	
	14x	14 100 kg		9200.00	"	
G.I. Wire Galvd.	8 G	auge 100 kg	;	8800.00	"	
	10 0	Gauge 100 k	g	8800.00	66	
Galvd. Corr. Sheet	(3mtr x80	0mm)				
	0.63	mm thick (	TATA)	1450.00	Each	
Galvd. Plain Iron	Sheet (2.5	mtr x 800 m	m)			
	0.63	8 mm thick		1100.00	44	
Black Plain Iron S	heet (2.5m	tr x900 mm	)			
	0.63	mm thick		820.00	66	
	0.80	) mm thick		1150.00	66	
	1.00	) mm thick		1200.00	"	
Tata S. Binding W	ire 335	0.00 per Ro	11	10600.00	Per qtl.	
Local Binding Win	re	-		7600.00	"	
GST Included						





### INDIAN STEEL COM

Auth. By: Steel Authority of India Limited High Class CTD Bars, MS Rounds, Angles, Channels & Joists

193, Gautam Budh Marg, Basmandi, Lucknow - 226 018. Ph.: (0)4015834, 4007972. Mb: 9415408502, 9956200005, E-mail: istelco@rediffmail.com



Faizabad Road, Polytechnic Crossing, Lucknow Mob.: +91 9415020118, Email: apsteel ent@yahoo.com **DEALERS:** 

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Associate Concern: Mercury Sales Corporation, Aishbagh, Lucknow. For Bulk Quantity Also Contact











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### IKAS INDUSTRIAL CORPORATION

19, Shivaji Marg, Lucknow-226018

E-mail: vikasindustrialcorporation@rediffmail.com, Mobile: 8957011583

TATA PIPES							
QUALITY SIZES/	GALVD	GALVD	GALVD	BLACK			
CLASS (mm)	S&S	PE	S&S 3M	PE			
15 L	164.00	160.00		98.00			
15 M	183.00	179.00		116.00			
15 H	213.00	207.00		136.00			
32 L	247.00	245.00	257.00	176.00			
32 M	322.00	314.00	323.00	212.00			
32 H	406.00	396.00		262.00			
65 L	595.00	595.00		402.00			
65 M	651.00	651.00		442.00			
65 H	826.00	807.00		546.00			
100 L	1075.00	1051.00		696.00			
100 M	1252.00	1217.00		839.00			
100 H	1469.00	1469.00		1001.00			
GST Inclusive			Rate I	Per Meter			

#### STEEL TRUSES GRILLS, WINDOWS & SHUTTERS

Angle Iron Trusses	62000.00	to	69000.00	per mt.
Tubular Trusses	68000.00	to	79000.00	"
Rolling Shutter (20 G)			2700.00	per sq.mt.
Rolling Grill Shutters			2900.00	"
Collapsible Gates			3100.00	"
Steel Windows	1350.00	to	2500.00	66
Steel Grills			75.00	per. kg.
GST Extra				

#### WIRE NETTING FOR DOORS & WINDOWS

Gi Mosquito Proof Jan			13.00	per sq.11.
Fiber Mesh Mosquito Proof			8.00	"
Chicken Wire Mesh				
(3'x100' roll) ½"x28 Gauge			600.00	Per roll
22 & 20 Gauge 6Kg per Roll	& above		119.00	Per kg.
Wiremesh Stainless Steel				
	14x28	14x27	14x24	
	22.00	30.00	50.00	Per sq.ft.
	2	202 to 380		Per Kg
Wiremesh SS 304 Grade			450.00	Per kg

#### WELDED WIRE MESH

28.00 to 38.00

per sq.m

		30x30mm	75x25mm	per sq.mt
4 mm		-	680.00	"
3 mm		400.00	280.00	"
2.25 mm		250.00	225.00	"
Welded Mesh	Galvd Steel (All Size)	110.00	per kg.	
Welded Mesh	Stainless Steel	350.00	"	
Welded Mesh	M.S.	85.00	"	
Expanded Meta	1	85.00	"	
GST Incluted				

#### ANTI TERMITE CHEMICALS

	100 ml	250 ml	500ml	1 Ltr.	5 Ltr.	20 Ltr.
Hilban	55.00	110.00	180.00	330.00	1550.00	5800.00
Dursban	-	-	-	310.00	1500.00	5900.00
Shooter	-	-	160.00	275.00	1180.00	3900.00

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Made out of all Metals & Any sizes

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Capacity according to no.of users

Manufactured by:

#### ADISH PLASTICS PVT. LTD.

Office: 17 A, Neel Cottage, Maldahiya, Varanasi - 221002 E-mail: applvns@gmail.com, Mobile: 9336902686.

Shading Net

GST Included

#### PVC RIGID PIPES Flowjet (ISI) Deep Tubewell Pipe 4kg 6 kg Each 110 mm x 6 Kg (ISI) (Length - 6m) 715.00 1050.00 **DIPLAST Rigid PVC pipe for tube well** (Length - 6m) 1050.00 Supreme, Kisan & Jain make llkk Rigid PVC Pipe (Length - 6m) 1370.00 **Bonton (ISI) Rigid PVC Pipes** 690.00 925.00 (Length - 6m) Triupati (ISI) Rigit PVC Pipe (Length - 6m) 715.00 1050.00 **DIPLAST Conduit Pipe** 20mm 25mm 32mm 40mm 50mm For Electricity (per length) 57.00 85.00 123.00 185.00

#### ISI CAST IRON SOIL PIPES & FITTINGS

GST Extra

	50 mm	75 mm	100 mm	150 mm
Pipes S/S (Length-1.8m)	1000.00	1400.00	1650.00	2950.00
Pipes D/S (Length-1.8m)	1100.00	1500.00	1700.00	3150.00
Plain Bend	280.00	350.00	425.00	920.00
Nahani Trap	480.00	360.00	500.00	-
Door Bend	320.00	360.00	450.00	1120.00
H.R. Bend	320.00	380.00	600.00	1125.00
Plain Junction	340.00	500.00	650.00	1510.00
Door Junction	370.00	530.00	740.00	1800.00
GST Extra				

#### R.C.C. HUME PIPES

	NP-2		NP-3	
Pipe Inner	Rate/mtr	Collar	Rate/mtr	Collar
Dia in mm		per pc		per pc
100	200.00	62.00	-	-
150	250.00	72.00	280.00	75.00
200	280.00	82.00	500.00	105.00
250	340.00	105.00	600.00	140.00
300	450.00	132.00	750.00	142.00
350	480.00	145.00	960.00	175.00
400	560.00	175.00	1040.00	200.00
450	650.00	180.00	1230.00	215.00
500	800.00	270.00	1350.00	265.00
600	1070.00	350.00	1700.00	375.00
700	1120.00	400.00	2150.00	400.00
800	1440.00	450.00	2750.00	470.00
900	1820.00	520.00	3500.00	580.00
1000	2400.00	650.00	3800.00	800.00
1100	2680.00	780.00	4400.00	1000.00
1200	2950.00	1050.00	5800.00	1200.00
GST Extra				

#### WATER PROOF CHEMICALS

Doncrete RMW	95.00	Per ltr.	Concrete Bond 108	900.00	Per kg.
Supercrete SB	300.00	Per kg.	Concrete Bond 101	350.00	"
Doncrete SBL	300.00	"	Don Grout 40	90.00	"
Doncrete 107	460.00	"	Don Grout 60	90.00	"
Doncrete 106	250.00	"	Super Seal 20	600.00	"
Don Grout Add	800.00	"	$Doncrete\ N_{(Plasticizer)}$	95.00	"
GST Extra			Doncrete 1	75.00	Per ltr.

#### FOSROC WATER PROOFING & CONSTRUCTIONS CHEMICALS

	1Kg/Ltr	4Kg/Ltr	5Kg/Ltr	20Kg/Ltr
Nitobond EP	1200.00	4000.00	-	-
Nitobond AR Std	-	-	-	5500.00
Nitobond SBR Latex	450.00	-	1600.00	5600.00
Conplast WL	180.00	-	700.00	2000.00
Concure WB White	-	-	-	3000.00
Reeba Clean	170.00	-	800.00	-
Lok Fix	500.00	-	1800.00	-

#### POLYETHYLENE SEPTIC TANK

Supercon Septic Tank	Capacity	Diameter	Lenght	MRP
Type 1	600 Ltr.	760 mm	1930 mm	15000.00
Type 2	1200 Ltr.	1020 mm	2210 mm	30000.00







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G. I. PIPES & FITTINGS						
SIZE	GI 'A'	CLASS	GI 'B	'CLASS	GI'C'	CLASS
(MM)	PER	MTR	PEF	R MTR	PER	MTR
	SS	P/E	SS	P/E	SS	P/E
015 MM	105.40	103.30	131.10	128.50	143.20	140.30
020 MM	145.30	142.40	165.70	162.40	183.70	180.00
025 MM	196.80	192.90	234.10	229.50	260.00	254.90
032 MM	247.90	243.00	294.20	288.30	333.20	326.60
040 MM	308.60	299.30	344.70	334.40	397.40	385.50
050 MM	377.20	365.90	451.40	437.90	537.70	521.60
065 MM	505.00	490.00	570.00	553.00	688.00	667.00
080 MM	618.00	599.00	733.00	711.00	849.00	824.00
100 MM	861.00	835.00	1060.00	1029.00	1219.00	1182.00
125 MM			1399.00	13582.00	1518.00	1472.00
150 MM			1666.00	1616.00	1807.00	1753.00
200 TO 300	MM G.I. P	Plain End	/BE	88936.00	P	er Ton

#### BRASS BIB COCKS & G.M. VALVES

NMV/G.M. BRAND	15 mm	20 mm	25 mm	32 mm
NMV G.M.Gate Valve	633.00	851.00	1263.00	1810.00
NMV G.M Wheel Value	566.00	894.00	1220.00	1890.00
NMV G.M. Horizontal Check	477.00	772.00	1042.00	1813.00
NMV G.M. Vertical Check	375.00	509.00	760.00	1157.00
NMV Ball Valve	491.00	719.00	1056.00	1947.00
		200 gm	250 gm	400 gm
Brass Bib Cock		110.00	150.00	195.00
Brass Stop Cock		110.00	150.00	195.00
Brass Ferrules 15x1/4" to 15x1		180.00	Each	
(GST Extra) Discount 20%	% to 30%			

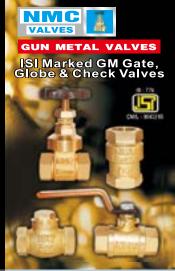
#### PIPE FITTINGS ISI MARKED

NMC/BM BRAI	ND 15 mm	20 mm	25 mm	32 mm
Elbow	27.80	43.00	71.80	109.80
Tee	44.30	66.70	99.60	141.80
Socket	24.30	38.30	49.80	76.60
Union	77.80	113.00	164.90	249.30
GST Extra	Discount 20% to 30%			

#### C. P. BATHROOM FITTING

Rate per piece	Nova/	Player	ARK	NMC	Plumber
Dillan CarlaDillan Carla	Spectrum	612.00	<b>Supreme</b> 778.00		605.00
Piller CockPiller Cock	722.00	612.00		537.00	605.00
Bib Cock	707.00	568.00	614.00	478.00	
Bib Cock Long Body	842.00	643.00	658.00	544.00	
Stop Cock	690.00	563.00	770.00	652.00	720.00
Concealed Stop Cock	968.00	679.00	778.00	653.00	729.00
Extension piece 65 mm	-	119.00	182.00	-	-
Copper Pipe & 2 Nuts		104.00			
Copper Pipe & 2 Nuts 15"		194.00			
Copper Pipe & 2 Nuts 18"	206.00	210.00	100.00		
Waste Couplings 32 mm	306.00		198.00		
Waste Couplings 40 min	348.00	51400	281.00	205.00	500.00
Angle Valves	689.00	514.00	549.00	397.00	529.00
Bottle Trap Casted Brass	1277.00	739.00	847.00	799.00	
Single Hole Basin mixer	2789.00	2384.00		1779.00	1205.00
Sink Cock	1536.00	1312.00		1237.00	1307.00
Sink Mixer	2546.00	2470.00		2216.00	2477.00
Wall Mixer Plain	2546.00	2 (22 00	2274.00	1779.00	
Wall Mixer with Crutch	3227.00	3622.00	3403.00	2730.00	
Bidet Fitting-4 Hole mixer	4336.00	260.00.0	5667.00		
Waste Jali 32 Mm			Less Disco		
Waste Jali 40 Mm		260.00	available)	)	
Bath Tub Waste With	014.00		1007.00		
Over Flow Piug & Chain	914.00		1007.00		
Tel. ph. Shower With Hook	648.00		759.00		
Bath Shower	375.00		622.00		
Towel Rails 3/4 Dia C.P	162.00				
450mm	162.00				
600mm	216.00				
Waste Coupling	54.00				
Brass Union Coupling	92.00		4.50		
C.P. Extension Piece	50mm	75mm	150mm		
	33.00	195.00	81.00		
PVC Connector	300mm				
With two C.P. Brass Nuts	27.00	. / N/PPD ~			
Spectrum: Approved in M	ES / UPAVI	Y/NTPC			









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	SANITARY WARES					
Nelco & Neo		450 mm	510mm	580 mm		
Asian Pan		-	316.00	-		
Orisa Pan		-	300.00	386.00		
P/Trap		P - 240.00	C 520.00			
Commode Anglo Indian		P - 539.00 P - 1072.00	S-539.00 S-1072.00			
Low Level (Cistem)		726.00	5 1072.00			
Kitchen Sink Vitereou						
18X12x6	20X16x6	24X18x8	24X18x10	Drain Board		
1144.00 Hindustan Coloured w	1719.00	2570.00 <b>50%</b>	2860.00 <b>100%</b>	982.00 <b>150%</b>		
Toilet Seat Cover for Co		Black	White	Coloured		
Commander's ISI		494.00	728.00	750.00		
Champion	1	299.00	375.00	450.00		
Agarwale /Kaypee /Spic Patel make	1S	175.00 220.00	190.00 270.00	215.00 350.00		
Flushing Cistern Plast	ic High Leve			330.00		
Spids ISI	777	650.00	to	780.00		
Diplast/Agarwal /Uniqu Hindware	ie/HSI	625.00	White to	740.00 <b>Pastel</b>		
Orissa Pan 500 mm(Pop	oular)		1580.00	2450.00		
Orissa Pan 530 mm			1610.00	2500.00		
Orissa Pan 580 mm			2150.00	3340.00		
EWC S/P Papular EWC S/P Slick			2110.00 2220.00	3280.00 3450.00		
Anglo Indian S/P			4950.00	7680.00		
LLC 10 Liter with fittin	g		4100.00	5830.00		
LLC Dual Flush			5040.00	6990.00		
PVC Cistern Slick Plus PVC Cistern Sleek Dua	l Fluch		1370.00 1460.00	1580.00 1670.00		
Wall urinal FB 46X35	i i iusii		1340.00	2080.00		
Wash Basin 46X36 Win			1160.00	1800.00		
Wash Basin 51X40 Clea			1170.00	1820.00		
Wash Basin 55X40 Del Wash Basin 55X40 Viki			1350.00 1650.00	2100.00 2560.00		
Pedestal Tall	ing		2110.00	3280.00		
EWC Coupled Clost Al	pha		7070.00	10970.00		
EWC Set Cleo			9930.00	15400.00		
EWC Set Constellation L Sink	45x30x15m		1490.00 2640.00	17810.00 4100.00		
L Sink	53x43x18m		1470.00	6930.00		
K Sink	61x45x20m		6580.00	10200.00		
Product Name CERA	Sanitarywar	e Size		MRP		
CEREMONY One Piec	a FWC	220 mm		White 14990.00		
CATTLER One Piece I		220 mm		12990.00		
CETA One Piece EWC		220 mm		16990.00		
CAPSTAN MINI One I	Piece EWC	225 mm	l	12990.00		
CARNIVAL Rimless W				10490.00		
CORDO Wall Hung EW		P Trap P Trap		8150.00		
CRUSE Wall Hung EW CAMELIA Concealed I		S Trap		8490.00 4250.00		
CONGO Cistern	3110	БПар		1490.00		
COMPASS Cistern				1950.00		
CACKLE Pedestrial W			0x180 mm	4880.00		
COLLAGE Pedestrial			0x110 mm	3650.00		
CANA Full Pedestrial V CHEVRON Concealed			0x210 mm x460 mm	3900.00		
CALBURT MINI Wash			00 x 120 mm	5400.00 3590.00		
CAFÉ Wash Basins	Dusin		0x 160 mm	7300.00		
OVAL Counter Wash B	asins	560x400	0x 205 mm	3190.00		
CALIFORNIA Wall Hu	ng Wash Bas		0x 130 mm	3040.00		
CHIME Wash Basin			50 x180 mm	2040.00		
CAPRIANA Urinal		375x390 580x440	)x590 mm	5990.00 2080.00		
ORRISA PAN-Covyana GARNET Wall Mixer	ı	J6UX44(	7 111111	4960.00		
VICTOR Wall Mixer				5090.00		
RUBY Wall Mixer				7695.00		
DORA Lite Kitchen Sin	k	510x430	) mm	4770.00		
	WALL	. TILES				
SOMANY	Size		Rate	Qty.		
White Tiles	8x8		540.00	25 pc.		
Plain Colour Tiles	8x8		680.00			
Special Pastel Colour	8x8		700.00	"		
Special Colour	8x8		705.00			
White	Qv12		375.00	15 nc		

White

Printed

Plain Colour

Special Colour

8x12

8x12

8x12

8x12

375.00

500.00

580.00

480.00

15 pc.

# le Rango

- Essel Bath Fittings Pvt. Ltd.
   Berger Tiles Adhesives
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Mob.: 9415185979

## UPTA AGEN

Fine Sanitary Fittings 21, Shivaji Marg, Lucknow - 226018

- Authorised Dealer & Stockist of: ARK C. P. Bathroom Fittings
- \* Wall & Floor Tiles



- \* Fire Bricks, Fire Clay & Acid Proof Tiles
- **\* CERA Sanitary Wares**

\* ARCADIA GOD TILES **SHOPEE** 

(A Complete Sanitary Showroom)

Auth. Dealer In: Parryware Sanitaryware & C.P. Fittings, Pipes & Fittings, Oasis Wall & Floor Tiles, Jhonsons Wall & Floor Tiles, Astral Pipes & Fittings, G.I. & C.I. Pipes & Fittings.

**Parryware** 







SHOWROOM: U.G.-4 Pathak Building, Shivaji Marg, (Hewett Road), Lucknow-226 018 Ph. No.: 0522-4079725, Mob.: 9415017695, 8726253718, E-mail: atultri77@yahoo.in

#### **GUIDANCE THROUGH MASTRY**







## RSHITAA KITCHENS & HARDW*A*

KITCHEN - WARDROBES - BEDS AND MORE ...

LGF 102/20, 102/134-A, Opp. Yes Bank, Shivaji Marg, Hewett Road, Lucknow-226018, Mob.: +91-9415101173, 9956344766 E-mail: harshitaakitchens@gmail.com, Website: www.saviesahome.com



### RAJDHANI SANITARY

WHOLESALE & RETAIL

Near Bank of Baroda, Hardoi Road, Balaganj, Lucknow Contact: 0522-2408720, 9919271177

#### ARK TERRA / PLUTUS / OTHER RANGE

Rate	Per P
1103.00	"
999.00	"
2169.00	"
1346.00	"
1112.00	"
3776.00	"
5274.00	"
2988.00	"
5720.00	"
6341.00	"
1827.00	"
734.00	"
1314.00	"
1058.00	"
531.00	"
356.00	"
1674.00	"
738.00	"
495.00	"
491.00	"
1751.00	"
1229.00	"
1373.00	"
1355.00	"
10256.00	"
	1103.00 999.00 2169.00 1346.00 1112.00 5274.00 5274.00 5720.00 6341.00 1058.00 531.00 356.00 495.00 491.00 1751.00 1229.00 1373.00

#### LOCAL GLAZED TILES

White/Colour 300x200 250.00 ,, 400.00 15

#### RIGID PVC WATER SUPPLY SYSTEM

#### Rigid PVC Plumbring Conforming to ASTM-D1785

Outer Diameter	Inches	Wall Thickness	Price (3 Mtr.)
20 mm	3/4"	1.4 mm	120.00
32 mm	1"	1.6 mm	170.00
42 mm	11/4"	1.8 mm	230.00
49 mm	1 ½"	2.0 mm	300.00
63 mm	2"	2.2 mm	430.00

#### ISI CAST IRON SOIL PIPES & FITTINGS

	50 mm	75 mm	100 mm	150 mm
Plain 'Y' Junction	470.00	595.00	780.00	1900.00
Door 'Y' Junction	535.00	670.00	900.00	2090.00
P. Trap Plain	520.00	590.00	690.00	1565.00
Shoe	-	355.00	420.00	1040.00
Loose Coller	175.00	210.00	255.00	550.00
Cowel	220.00	285.00	355.00	1230.00
Gully Trap 4"x 4", 6" x 4"	-	865.00	1050.00	-
Door Piece	320.00	440.00	610.00	1880.00
Manhole Cover			66.00	per kg.
Grating			79.00	- "
PIG Lead			188.00	"
High Level Cistern ISI 10 L	tr.		2871.00	per pc.

#### CHAIN LINK GALVANIZED

50 x 50 x 3 mm	240.00	per sq.mtr.
50 x 50 x 4 mm	360.00	per sq.mtr.
75 x 75 x 3 mm	180.00	"
75 x 75 x 4 mm	320.00	"
Stainless Steel Chain Link	400.00	per kg.

#### CAST IRON SPUN PIPES & VALVES

	Size Price	Meter Size	Price/Meter
Cast Iron Pipes - ISS:1536 Cla	ass LA (ISI)		
80 mm	1150.00	100 mm	1500.00
150 mm	2200.00	200 mm	2850.00
250 mm	3800.00	300 mm	4600.00
Cast Iron Double Flanged Pip	es - ISS:7181 C	lass B	
80 mm	1578.00	200 mm	4683.00
100 mm	2010.00	250 mm	6343.00
150 mm	3228.00	300 mm	8197.00
C.I. Sluice Valves - ISS:780 &	ISS:2906 Class	I 'MEC' mak	e ISI
80 mm	3286.00	200 mm	12500.00
100 mm	4382.00	250 mm	14500.00
125 mm	5477.00	300 mm	18135.00
150 mm	8300.00		
C.I. Specials - ISS:1538 & 553	31		
80 mm - 300 mm		60	) 00 ner ko



### KRISHNA

PLY & HARDWARES

**PLYWOOD** 

Greenply, Archid, Luxe, Duro, Sylvan, Woodstock, Wigwam

Hafele, Hettich, Godrej, Pans, Dorset, Kich, Collins, Becker, Quba, Bush, Glitorium

**LAMINATE** 

Royale Touche, New Mika, Luxe, Sunmica - AICA, Archidlam

Green Club, Luxe, Decowood, Timex, Duro

MDF/HDMR

Greenpanel, Action Tesa

KITCHEN APPLIANCES : Kaff

ACCESSORIES

Grass, Blum, Hafele, Hettich, Kaff Sparkle Top, Collins

SOLID SURFACE

DU Pont Corian, LG-Hi Macs, Tristone, Luxe Alabaster, Staron

**DECORATIVE** 

Luxe, Ventura, Euro Pratik, GLO, Decmore

**CLADDING** 

Flexstone, Bamboo, GLO-FCB, Shera, Louver Clad

HPL: New Mika, Archid, Merino, Luxe

**WOODEN FLOOR**: Mikasa, Luxe, Greenpanel, Pavimento

WPC: Alstone, Floresta, Archid, Greenply, Sylian

#### **Head Office**

102/25, Shivaji Marg, Hewett Road, Phone : 0522-4068540

#### **Display Center**

6<sup>th</sup> Floor, TC-14, Vibhuti Khand, Gomti Nagar, Ph.: 0522-4242495, 4309450, 80814-37100

#### PLYWOOD, BLOCK BOARD, FLUSH DOOR & DECORATIVE'S









Wooden Sky







Showroom: 102/25, Opp. Dena Bank, Shivaji Marg Lucknow. Mob.: +91-6390012503 Head Office: Opp. Hotel Kaveri, Near Doodh Mandi, Charbagh, Lucknow. Mob.: 9453015866/62, Email: jainply\_laminates@yahoo.co.in

(We Have No Other Branch)

INTERNAT









Internet Plywood, Flush Door, Teak Ply, Teak Board, Water Proof Block Board, Shuttering Ply Hardware, Aluminium 24 Karat Door Fittings, Aluminium Section, Godrej Locks, Empire Door Closer, Brass Door Fittings, Tarfelt Bitumen & Joint Filler, Fevicol Glue etc.

33, Latouche Road, Lucknow - 226018, E-mail: shadiramandsons@yahoo.com Ph.: (S) 3229950, 4045942, 9335229976, 9335903956

PLYWOOD,	WPC	& LAI	MINAT	ES	
Plywood	4 m	m 6 mi	n 8 mm	12 mm	19 mm
MR=Sainik/Ecotec/Silvi/Internet	35.0				113.00
BWP=Century/Green/Archid/Duro	48.0	0 58.0			
AMUL PLY (BWP)	40.0	0 50.0	0 65.00	75.00	125.00
SWAN PLYWOOD (ISI Marked)	)				
MR	18.5				68.00
BWR	30.0			55.00	85.00
BLOCK BOARD	WATER		MR		
	19 mm	25 mm	19 m		
Century/Green/Duro	120.00	160.00	100.0	· · · · · · · · · · · · · · · · · · ·	er. Sq.ft
Silvi/Ecotec/Sainik	95.00	115.00	80.0		er. Sq.ft
Amul	110.00				er. Sq.ft
Swan (MR) B/B	-	-	65.0	0 p	er. Sq.ft
Shuttering Plywood (12 mm thick					~
Duro/Greenply/Century (ISI-4990)			825.0		er. Sq.m
Filmface PlyWood (Internet/Archic			592.0		er. Sq.m
ANGULA DE ENGLA (MESC)	6mm	8mm		18 mm	25 mm
AMULYA PREMIUM (WPC)	65.50	80.27		167.07	231.47
AMULYA ELITE (WPC)	73.73	94.27	140.00	196.00	271.60
Bison Panal (Cement Wood Parti			10	,	20
6 mm		10 mm	12 mm	6mm	20 mm
30.00		50.00	60.00	80.00	100.00
Mica Sheet(Size 8' X 4') Rates pe Amulya/Green Touch	r sneet	0.8 m	ım 775.00	1	
Virgo/Deco-Lux/		0.8 m			
Asis/VIR/Stylem,(SF)		1.0 m			
Century/Royal Touch/ Greenlam/A	rehid (SF)	1.0 m			
Amulya/Heriage/Virgo/SunMica (S		1.0 m			
Falce Cealing	1730)		nm 9.5 mr		
Gypboard		12.5 11	180.00		sq.mtr
Gyp Tile Plain (0.595 X 0.595 X 12	2.5 mm)		65.00		sq.mii
Decorative Sheet	2.3 11111)		05.00	cacii	
Acrelic Solid Surface		06 mm Ba	ındable	550	each
LG/REHAN/CORIAN		12 mm Ba		800	each
Wood Adhesive I Termite Protect	or	1 kg			10 kg
Fevicol SH	.01	205.0			1810.00
Fevicol Marine		235.0			2105.00
Jivan Jor		195.0			1706.00
Wood Saver (Terminator)		255.0			2290.00
GST Extra					
001 2					

HARDWARE	н	47	Δ	R	D	V	V	Δ	R	E
----------	---	----	---	---	---	---	---	---	---	---

2"	2.5"	3"	4"	5"	6"
108.00	132.00	155.00	185.00	260.00	285.00
l Gage)		12mm	15mm	20mm	25mm
s		68.00	88.00	68.00	58.00
		30mm	35mm	45mm	50mm
S		38.00	44.00	63.00	58.00
	10 mm			58.00	per rft.
	9 mm			58.00	- "
;		3"	4"	6"	8"
Per doz.		370.00	450.00	570.00	780.00
"		290.00	345.00	360.00	600.00
	l Gage) ss ss Per doz.	108.00 132.00 l Gage) ss s s	108.00 132.00 155.00 12mm 68.00 30mm 9 mm 8 9 mm 8 70.00 155.00 12mm 3 370.00	108.00 132.00 155.00 185.00 1 Gage) 12mm 68.00 88.00 30mm 35mm 9 mm 9 mm 3" 4" Per doz. 370.00 450.00	108.00 132.00 155.00 185.00 260.00 1Gage) 12mm 68.00 88.00 68.00 30mm 35mm 45mm 45mm 9 mm 9 mm 9 mm 68.00 370.00 450.00 570.00

R	F	Δ	IN	16

	Size (Inch)	Ist	2nd	
Topper	½ x ½	4.25	3.00	Run fit
**	½ X ¾	5.00	4.50	66
	3/4 X 3/4	6.00	4.75	66
	1 x 3/4	7.50	6.50	66
	$1\frac{1}{2} \times \frac{3}{4}$	11.00	9.00	"
Plain	22 x 06	4.00	2.25	Run fit
	35 x 06	8.50	6.00	"
	22 x 10	7.00	5.00	"
	35 x 10	10.50	8.00	"
Half Round	1/2	4.25	2.25	Run fit
	3/4	4.75	3.00	"
	1	6.75	4.50	"
	11/2	8.50	5.50	"
	2	10.00	8.50	"

### HYDRAULIC DOOR CLOSERS & FLOOR SPRINGS

Door Closer	Light	Heavy		Each
Amar ISI	475.00	950.00		,,
Sandhu ISI	345.00	-		
Floor Springs	Light	Heavy	Sleek	
Amar ISI	1030.00	1500.00	2850.00	Each
Sandhu ISI	945.00	1150.00	2940.00	,,
Ebco	-	3400.00	-	GST 18%

#### FLUSH DOORS

ISI Marked (152202) (IS-2802)

	Century	Archid	Legend Falcon	Supreme	Rama	
30mm	2150.00	2100.00	1700.00	1500.00	1800.00	per.sq.mtr



Mob.: +91-9415018675, +91-9335574787

85, G. B. Marg, Lucknow - 226018

Email: plyhouse@hotmail.com

	Email: prymouse@notmail.com
Ply, B/B & Doors	Century, Archid, Amul, Swan
WPC/MDF	Amulya, Century, Green
Laminates	Stylam, Amulya, Greenlam, Aica, Century
Veneers/Recons	Century, Archid, Bhutan Taff, Real
Kitchen Acc & Chimneys	Neff, Ebco, Sparkle Top / Elica, Hafele
Ceilling/Panel	Bison Panel, India Gypsum
Hardware/Lock	Suzu, Ebco, Godrej, Link



(An ISO 9001:2008 Certified)

43, Shivaji Marg, Lucknow226018 - Ph.: 0522-3013477, 2231335, 2620797, 4042313 Mob.: +91-7408730333, E-mail: harshplywood@hotmail.com, Web.: www.harshplywood.com Authorised Dealer & Stockist of:

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Whole Salers For All Type Of Pre Laminated Particle Boards







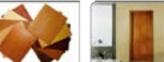
Dealer: • Silvi • Woodcraft • Perfect • Block Board • Plywood Sunmica • Hardware • Aluminium Section • Film Face Shuttering Ply

## DELHI PLYWOOD PVT. LTD.

**Distributors** Ceiling & Flooring Armstrong Laxmi/Donex □ Flush Doors E-Board **Designer Boards** Masonite Moulded Doors Godrej Security Solutions Laxmi/Donex Shuttering Plywood **Stockists** Aica **Decorative Laminates** Gypsum Ceiling Board Century Ply Boards (I) Ltd. **Decorative Laminates** Century Aerolite Ceiling Systems **BISON Cement Partical Board** 

41, Ganesh Puri, Shivaji Marg, Lucknow. E-mail: delhiplywoods@rediffmail.com Telefax (O) 0522-3234721, Mobile: +91 9839126819







Deals in PLYWOOD, SUNMICA, MODULAR KITCHEN, KITCHEN ACCESSORIES, FLUSH DOORS, HARDWARE PRODUCTS Opp. AXIS Bank, U.G.F. 3-4, Bhashin Complex, Shivaji Marg,

Hewett Road, Lucknow. Mob.: +91-9793033222, Ph.: 0522-4066605 E-mail: newmaagangaplyandhardware@gmail.com

TIMBER			
8000.00	to	9100.00	Each
1900.00	to	3600.00	,,
		84756.00	per cubic mtr
		56504.00	- ,,
23000.00	to	141260.00	**
44150.00	to	93000.00	,,
37086.00	to	88288.00	,,
88300.00	to	194232.00	,,
38852.00	to	97116.00	,,
40618.00	to	105945.00	,,
30022.00	to	65000.00	,,
		24000.00	,,
		51000.00	,,
		800.00	per cu.ft.
			-
	8000.00 1900.00 23000.00 44150.00 37086.00 88300.00 38852.00 40618.00	8000.00 to 1900.00 to 23000.00 to 44150.00 to 37086.00 to 88300.00 to 38852.00 to 40618.00 to	8000.00 to 9100.00 1900.00 to 3600.00 84756.00 56504.00 23000.00 to 141260.00 44150.00 to 93000.00 37086.00 to 88288.00 88300.00 to 194232.00 38852.00 to 97116.00 40618.00 to 105945.00 30022.00 to 65000.00 24000.00 51000.00

#### PRAYAG BRAND S.S. KITCHEN SINK & PLATE RACK

Single Bowl (ISI Mark)	16x18x7	17x20x8	18x22x8
304 Super Steel	2725.00	3044.00	3168.00
	24x18x18	24x18x10	24x20x8
	3256.00	3610.00	3522.00
Single Bowl With		32x20x8	37x18x8
Drain Board (ISI Mark)		4726.00	5434.00
304 Super Steel		41x20x8	24x20x8
		5894.00	6160.00
<b>Double Bowl Sink</b>	32x20x8	37x18x8	45x20x8
(ISI Mark)	6531.00	6885.00	8354.00
304 Super Steel S.S. Plate Racks	24x24x10	24x30x10	24x36x10
	4230.00	4637.00	5380.00
	31x30x10	31x36x10	
	5584.00	6266.00	

#### CPVC PIPES

Available 385 mt	r length (SCH	40)			
Size in	Normal Size	Part No.	Part No.	Std. Pkg.	MRP/Mtr.
(Inch)	(in mm)	3 mtr.	5 mtr.	_	
21/2	65	C-9201	C-9211	05	947.00
3	80	C-9202	C-9212	05	1231.00
4	100	C-9203	C-9213	03	1750.00
Available 385 mt	r length (SCH	80)			
Size in	Normal Size	Part No.	Part No.	Std. Pkg.	MRP/Mtr.
(Inch)	(in mm)	3 mtr.	5 mtr.	_	
21/2	65	C-9301	C-9311	05	1293.00
3	80	C-9302	C-9312	05	1743.00
4	100	C-9303	C-9313	03	2587.00
Pipe (SDR II)385	5 mtr. Length	Class I			
Size in	Normal Size	Part No.	Part No.	Std. Pkg.	MRP/Mtr.
(Inch)	(in mm)	3 mtr.	5 mtr.	_	
1/2	15	C-9101	C-9111	50	78.00
3/4	20	C-9102	C-9112	50	94.00
1	25	C-9103	C-9113	25	125.00
11/4	32	C-9104	C-9114	15	187.00
11/2	40	C-9105	C-9115	10	256.00
2	50	C-9106	C-9116	10	418.00

#### WATER STORAGE TANKS

WAIER	SIURAGE IANK	5	
Five Layers Flow Jet	5/L	6.40	per ltr.
Tripple Layers Flow Jet	T/L	4.90	
Sintex PVC Tank	D/L (ISI Marked)	6.80	**
Supercon	D/L	5.70	**
Supercon	T/L	6.90	**
Tuff	D/L	6.00	**
Reno	D/L	4.90	"
Tirupati	T/L	5.35	"
J.S. Polypast	D/L	5.75	**
J.S. Polypast	T/L (U.V. Stablized)	5.50	**
J.S. Polypast (ISI Marked)		6.50	**
Loft Tank White PVC		6.50	
Sintex/Supercon/J.S. Polyplas	st/Tirupati		
T/L Triple Layer, D/L Doble I	Layer		GST Extra

## Trimurti Agencies

Distributor



**DEALS IN**: Aluminium Door, Window Partition, Bombay Sliding Section, Door Closer, Floor Spring, Tuffen Glass Fitting, APP/ACP Sheet, Aluminium Grill and Hardware

UGF, Shop No. 2, Sri Vimal Plaza, Shivaji Marg, Hewett Road, Lucknow. Mb. 9415004603, 9235715000 E-mail: ajaytrimurtigupta@gmail.com











Deals In: S.S. Bath Accessaries, Acrylic Bath Accessories, Kitchen Basket, Display Rack Items & Door Fittings

LGF-102/9, Shop No. 3, A&S Square, Below Yes Bank, Hewett Road, Lucknow-226018 

PLYWOOD, BLOCK BOARD, FLUSH DOOR, LAMINATES, CORIAN, PARTICLE BOARD



















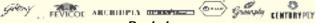
Kajaria 🎹

Kajaria MINATES

Head Office: Opp. Hotel Kaveri, Near Doodh Mandi, Charbagh, Lucknow. Mob.: 9415005860/61, 9453015866/62, Email: jainply\_laminates@yahoo.co.in (We Have No Other Branch)

Mb.: 9415020521, 9335208411

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Deals In : Ply, Board, Flush Door, Teak Veneers (ISI), Film Face Shuttering Ply (ISI), Mica, Alumininum Fitting (ISI), Aluminium Section, Brass Fitting, 24 Karat Aluminium Fitting, Tarfelt (ISI), Joint Filler,

Godrej Lock, Fevicol, Door Closer etc. Address: 39 Latouche Road, Gautam Budh Marg

Opp. Kohli Electric Co., Lucknow-226 018 Ph.: (O) 9119950154 (R) 4078154

Email: survesh@g.agarwal

Ph. No.: 0522-4012073, Mob.: 9415402030

Visit For Exclusive Range

Deals in: FANCY HARDWARE, KITCHEN WARE, DOORS, LAMINATES, PLYWOOD AND ALL TYPE OF HARDWARE ITEM

11-A, Kulbhaskar Complex, 78 Gautam Budh Marg, Lucknow - 226 018

#### ALUMINUM EXTRUSIONS & SECTIONS

All extrusions of 2mm Rect	angular 4.56 m	eters long		
Anodised	Plain	S/S	D/S	
63 x 38 mm	1700.00	1750.00	1925.00	Each
83 x 38 mm	2000.00	2300.00	2350.00	,,
100 x 44 mm	2150.00	2600.00	2800.00	,,
Door Sections				
83 x 44 mm x 4.56 mtr.			2350.00	,,
44 x 44 mm x 4.56 mtr.			1750.00	,,
Top Sections				
83 x 44 mm x 4.56 mtr.			2300.00	,,
Glazing Clip		120.00 to	175.00	,,
Plate 3.66 mtr.		180.00	,,	
Section Hollow Z	1050.00			
Aluminium Grill 6.5 mm				
4" Hole Size 39", 48	3"x13 ft. long			
	",36",42",48"x	13 ft. long	60.00	,,
		13 ft. long <b>Light</b>	60.00 <b>Medium</b>	" Heavy
3" Hole Size 24",30	",36",42",48"x	C		
3" Hole Size 24",30 Aluminium Sections	",36",42",48"x <b>Pcs</b>	Light	Medium	Heavy
3" Hole Size 24",30 Aluminium Sections	",36",42",48"x Pcs 12 mm 19 mm 25 mm	<b>Light</b> 60.00	Medium 90.00 315.00 300.00	Heavy 120.00 400.00 350.00
3" Hole Size 24",30 Aluminium Sections	",36",42",48"x  Pcs 12 mm 19 mm 25 mm 12 mm	<b>Light</b> 60.00	Medium 90.00 315.00 300.00 145.00	Heavy 120.00 400.00 350.00 165.00
3" Hole Size 24",30 Aluminium Sections Round	",36",42",48"x  Pcs 12 mm 19 mm 25 mm 12 mm 19 mm	<b>Light</b> 60.00	Medium 90.00 315.00 300.00 145.00 210.00	Heavy 120.00 400.00 350.00 165.00 270.00
3" Hole Size 24",30  Aluminium Sections Round  Square  Angle	",36",42",48"x  Pcs 12 mm 19 mm 25 mm 12 mm 19 mm 25 mm	Light 60.00 170.00 - - -	Medium 90.00 315.00 300.00 145.00 210.00 265.00	Heavy 120.00 400.00 350.00 165.00 270.00 360.00
3" Hole Size 24",30  Aluminium Sections Round  Square  Angle Unequal	",36",42",48"x Pcs 12 mm 19 mm 25 mm 12 mm 19 mm 25 mm 12 mm 13 mm	Light 60.00 170.00 - - - 70.00	Medium 90.00 315.00 300.00 145.00 210.00 265.00 135.00	Heavy 120.00 400.00 350.00 165.00 270.00 360.00 135.00
3" Hole Size 24",30  Aluminium Sections Round  Square  Angle	",36",42",48"x Pcs 12 mm 19 mm 25 mm 12 mm 19 mm 12 mm 19 mm 12x18 mm 12x25 mm	Light 60.00 170.00 - - - 70.00 90.00	Medium 90.00 315.00 300.00 145.00 210.00 265.00 135.00 160.00	Heavy 120.00 400.00 350.00 165.00 270.00 360.00 135.00 195.00
3" Hole Size 24",30 Aluminium Sections Round  Square  Angle Unequal Channel	",36",42",48"x Pcs 12 mm 19 mm 25 mm 12 mm 19 mm 12 mm 19 mm 25 mm 12 mm 12 mm	Light 60.00 170.00 - - - 70.00 90.00 85.00	Medium 90.00 315.00 300.00 145.00 210.00 265.00 135.00 160.00 130.00	Heavy 120.00 400.00 350.00 165.00 270.00 360.00 135.00 195.00
3" Hole Size 24",30  Aluminium Sections Round  Square  Angle Unequal	",36",42",48"x Pcs 12 mm 19 mm 25 mm 19 mm 25 mm 12x18 mm 12x18 mm 12x25 mm 12 mm 18 mm	Light 60.00 170.00 - - - 70.00 90.00 85.00 100.00	Medium 90.00 315.00 300.00 145.00 210.00 265.00 135.00 160.00 130.00	Heavy 120.00 400.00 350.00 165.00 270.00 360.00 135.00 195.00 225.00
3" Hole Size 24",30 Aluminium Sections Round  Square  Angle Unequal Channel	",36",42",48"x Pcs 12 mm 19 mm 25 mm 12 mm 19 mm 12 mm 19 mm 25 mm 12 mm 12 mm	Light 60.00 170.00 - - - 70.00 90.00 85.00	Medium 90.00 315.00 300.00 145.00 210.00 265.00 135.00 160.00 130.00	Heavy 120.00 400.00 350.00 165.00 270.00 360.00 135.00 195.00

#### KITCHEN SINK ACCESSORIES

215.00

225.00

235.00

300.00

110.00

30 mm

50 mm

C/Channel for Curtain

GST Included

G Channel for Sliding Door

		Dolin F		Dolin Quadro
Pullout Basket	300 mr			2030.00
	450 mr			2150.00
Single Partition Basket	450 mr			2500.00
Cutlery Basket	450 mr	n 1570	0.00	2800.00
Plate Basket	450 mr	n 1341	1.00	2300.00
Cup Sawcer Basket	450 mr			2100.00
Grain Trolley	450 mr	n 1420	0.00	4350.00
		Overall	Sizes (")	Jayna
Single Sink with Beddi	ng	18 x 1	6 x 7	3600.00
		24 x 1	8 x 8	5055.00
		27 x 2	20 x 8	6690.00
Single Sink with Drain	Board	37 x 1	8 x 8	6130.00
		42 x 2	20 x 8	8635.00
		45 x 2	20 x 8	9260.00
Double Sink		37 x 1	8 x 7	9745.00
		42 x 2	20 x 7	13130.00
		45 x 2	20 x 8	13780.00
		SAI	PIL	
Plain Basket		15 x 2	20 x 4	1135.00
Single Partition Basket		15 x 2	20 x 4	1290.00
Cutlery Basket		15 x 2	20 x 4	2050.00
Plate Basket		15 x 2	20 x 6	1565.00
Cup & Saucer		15 x 2	20 x 4	1265.00
Grain Trolley		15 x 20	0 x 12	1630.00
Bottle Pullout		5	,,	530.00
Large Utensil Basket		21 x 2	20 x 4	1485.00
Large utensil basket		21 x 2	20 x 6	1850.00
iMAGINE SINK	18x16x8	20x17x8	21x18x8	24x18x8
ELECTRIC STATE	3049.00	3099.00	3299.00	
Single Bowl	32x20x8	37x18x8	41x20x8	3 45x20x8
with Drain Board	5199.00	5499.00	6199.00	6499.00

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#### CONSTRUCTION EQUIPMENTS & MACHINERY

25.00

25.00

to 100.00

to 125.00

CONCINCOTION E	<b>~</b>		
0	Bare	Bharat/Kissan	Kirloskar
Concrete Mixer Without Hopper Professional Series Concrete Mixer	60500.00	82000.00	94500.00
Without Hopper Economical Series Concrete Mixer With Hydraulic	54000.00	75500.00	88000.00
Hopper Professional Series Concrete Mixer With	124000.00	145500.00	158000.00
Hydraulic Hopper Professional Series	s 116000.00	137500.00	150000.00
Mini Mobile Batching Machine	<b>Single Bin</b> 490000.00	<b>Three Bin</b> 500000.00	Cg/Delco 5 Hp 88000.00
Mini Mobile Batching Machine	Sand Screening Electric 32500.00	Suspended Galvanised 292000.00	Rope Platform Spray Painted 270000.00
	Greaves P Eng	Greaves D Eng	Aditya 10 2hp
Pin Vibrator With 40 Mm 6mt Vibrator Shaft Surface Vibrator Universal Vibrator With 40 Mm 6mt	14500.00 15000.00	36500.00 37000.00	12000.00 12500.00
Vibrator Shaft Earth Compactor	19500.00 60500.00	41500.00 41000.00	17000.00 81000.00
Slab Trolly With 100 Feet Rail	<b>200 Liters</b> 39500.00	<b>400 Liters</b> 55000.00	<b>Band</b> 4300.00
	Fix Assembly	Tower 3" E	ngine Wc12Hp
0.2 Cubm Cap. 4 Pole Mobile Hoist Cum Mixer With-Out Hopper Working Height Upto 100 Feets	273000.00	14500.00	318000.00
0.2 Cubm Cap. 4 Pole Mobile Hoist Cum Mixer With Hyd Hopper Working Height Upto 100 Feets	322500.00	14,500.00	367500.00
0.2 Cubic Meter Capacity Builders Hoist Working Height Upto 100 Feet	119000.00	14500.00	148500.00

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PHILIPS LED LIGHT							
	3w	5w	7w	10w	Each		
Ultraslim Plus Panel	600.00	-	895.00	-	"		
Aura LED Downlighter	-	1105.00	1290.00	1575.00	"		
COB Spot Plus	-	-	1285.00	-	"		
Deep Recessed COB+	-	-	1360.00	-	"		
	12w	15w	18w	22w			
Ultraslim Plus Panel	1120.00	1435.00	1800.00	2260.00	"		
Aura LED Downlighter	-	1850.00	-	-	"		
COB Spot Plus	1685.00	-	2400.00	2700.00	"		
Deep Recessed COB+	-	1360.00	1785.00		"		
Cove Lighting (LED Stri	2800.00	Per Roll (5	Meters)				
Slim Line NEXT LED To	ıbe Light	20w	450.00	Per Pcs			
	ELEC	TRICA	LS				

Cables & Wires (Leng					
	0.75 mm	1.0 mm	1.5 mm	2.5 mm	
Wiring Cables Seiko	955.00	1225.00	1890.00	3055.00	
Wiring Cables Singhal	900.00	1100.00	1620.00	2580.00	
Ceiling Fans	Orient	Bajaj	Crompton	Usha	Each
56"	1500.00	1650.00	1550.00	1700.00	"
48"	1400.00	1550.00	1450.00	1600.00	"
42"	1450.00	1550.00	1500.00	1500.00	"
36"	1400.00	1500.00	1450.00	1400.00	"
Air Conditioners					
Windows Type	1.00	Ton.	1.5 Ton.	2.0 Ton.	Each
Voltas	159	73.00 1	8450.00	22650.00	"
Samsung	165	50.00 1	7700.00	24700.00	"
Videocon	164	50.00 1	7950.00	22250.00	"
Split Type	1.00	Ton.	1.5 Ton.	2.0 Ton.	Each
Voltas		- 2	26650.00	33750.00	"
Samsung	253	50.00 2	26200.00	34750.00	"
Videocon		- 2	23750.00	30350.00	"
Electric Geysers					
Plastic Body	Racold	Usha	Bajaj	Crompton	Each
15 Ltr.	9050.00	5000.00	7000.00	6000.00	"
25 Ltr.	10180.00	6000.00	8000.00	7000.00	"

ELECTRICAL SWITCHES						
Metal Boxes	½M	3M	6M	8M	12M	
	55.00	77.00	125.00	163.00	201.00	
Mounting Grid		1M	2 M	3M	<b>4M</b>	
		40.00	45.00	50.00	65.00	
Cover Frames A	Active White	1M	2 M	3M	<b>4M</b>	
		35.00	37.00	45.00	55.00	
Controllers						
Light 1M 250 W	250.00	For Regu	ılar 1M 10	) W	300.00	
Light 2M 600 W	340.00	For Regu	ılar 2M 10	) W	400.00	
Sockets	2/3 Pin socket	with Shutte	er 6A	110.00	,,	
	2 Pin socket w	ith Shutter	6A	85.00	"	
	Universal Sock	160.00	,,			
	3 Pin Socket with shutter 16A				,,	
Switches	1M 1 Way 10A	1M 1 Way 10Ax240V AC Active 8			,,	
	1M 1 Way 16A	x240V AC	Active	90.00	,,	
	1M 2 Way 10A	x240V AC	Active	90.00	,,	
	1M 1 Way 16A	x240V AC	Active	100.00	,,	

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GST Extra



















SUBMERSIBLE PUMP							
Horse Power	Stage	Tormark	Arise	Floter			
0.75 h.p	7	9000.00	8000.00	9000.00			
1.00 h.p	10	1000.00	8500.00	10000.00			
1.50 h.p	12	12000.00	10500.00	18000.00			
2.00 h.p	10	13500.00	-	12500.00			
3.00 h.p	9	19000.00	-	15500.00			
-							

#### WATER LIFTING PUMP

Horse Power	Model	Brand	
0.5 HP	Sherk	Tullu	2900.00
0.5 HP	Top	Tullu	3500.00
0.5 HP	AC 110SP	Tullu	3600.00
0.5 HP	HIE Super	Tullu	3700.00
1.0 HP	AC150	Tullu	5500.00

#### PRESSURE PUMP

Ujala				
Jet 61	06 Ltr	0.6 HP	(3 Bathroom)	18000.00
Jet 61	19 Ltr	0.6 HP	(3 Bathroom)	18500.00
Jet 101	19 Ltr	1.0 HP	(5 Bathroom)	21500.00
Mini Jetflow	06 Ltr	0.5 HP	(1 Bathroom)	11000.00

#### SEWAGE PUMP

Top Vector 0.5 HP 14886.00 ZXM 1A/40 0.8 HP 27531.00

#### SOLAR PRO SOLAR WATER HEATING SYSTEM

Domestic System							
Capacity	Model	Tube/Size/Dia	Rate				
100 Ltr.	T-10 HP	Evacuated Tube	19320.00				
150 Ltr	T-15 HP	Evacuated Tube	28320.00				
200 Ltr	T-20 HP	Evacuated Tube	37320.00				
250 Ltr	T-25HP	Evacuated Tube	46320.00				
Industrial System							
400 Ltr	T-40 HPI	Evacuated Tube	64000.00				
600 Ltr	T-60 HPI	Evacuated Tube	96000.00				
1000 Ltr & Above	T-HP Ind	Evacuated Tub	150/- per Ltr				
Flat Plate Collector Systems							
100 Ltr.	T-100 FPC	Flat Plate	24000.00				
200 Ltr.	T-200 FPC	Flat Plate	40000.00				

#### Collector Flat Plate ZERO-B WATER PURIFIER & SOFTENER

Model	Capacity	Rate					
Saphire	R.O. 09 LPH	21270.00					
Kitchen Mate	R.O. 07 LPH	22490.00					
ECO RO	R.O. 12 LPH	23600.00					
SKID	R.O. 25 LPH	35460.00					
Water Softener (New Generation Water Softness)							
Model	Capacity	Rate					
Auto Soft-3	3000 LPH	83840.00					
Auto Soft-6	6000 LPH	105340.00					
Auto SAND Filter		51000.00					
Multigrade Filter (Sand Filt	er)						
NGMF / 20	2000 LPH	26510.00					
NGMF / 30	3000 LPH	42650.00					
NGMF / 40	4000 LPH	50070.00					

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	1 Kg/Ltr.	5 Kg/Ltr	20 kg/Ltr
Tapecrete P 151	300.00	1250.00	3800.00
CO Super	150.00	650.00	2000.00
CO Crack Seal	260.00	-	-
CO No. 1	75.00	250.00	900.00
CO No. 2	90.00	400.00	1250.00
CO No. 3	100.00	450.00	1450.00
CO SIPEL	160.00	690.00	2500.00

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Seiko ISI	20 mm	25 mm	32 mm	40 mm	50 mm	
Medium	3350	34.50	49.50	73.00	118.00	per mtr.
Heavy	31.00	41.50	59.00	85.50	133.00	• • • • • • • • • • • • • • • • • • • •
Stove Enamelled Conduit Pipes Bhawani make IS:9537						
ISI Mark	90.00	110.00	160.00	270.00	370.00	"
Hot Dip Galvanised Conduit Pipe						
Bhawani make	140 00	175 00	270.00	430.00	500.00	"







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#### WALL PAPER

Brand	Collection/Book Name	Rate / Roll
Excel	Metalica Sensation New	5,300.00
Living Walls / A.s - Germany	Just Brilliant New	3,900.00
Living Walls / A.s - Germany	Hermitage New	4,900.00
GNI - Korea	Damask New .	2,800.00
GNI - Korea	Avenue New	2,800.00
Granddeco - Belgium	Hidden Richness New	4,700.00
DID Korea	D&D - Vol - 13	3,200.00
Excel	Metallica II	5,300.00
Excel	Vidia	3,500.00
Wall Quest - USA	Kashmir	8,700.00
GNI - Korea	Blossom New	2,800.00
Living Walls / A.s - Germany	Cheteau 4 New	3,600.00
Living Walls / A.s - Germany	Contezen 4 New	4,200.00
GNI - Korea	Andante New	2,800.00
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Living Walls / A.s - Germany	Wood'n Stone	4,700.00
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12.00 to 18.00 per Kg **Grouting Compound any colour** 

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interiocking ravers	(per res)			
Thickness	Shape	80 mm	60 mm	40 mm
Grey	Dumble	29.00	24.00	19.00
Coloured	Dumble	33.00	29.00	25.00
Kerb Stones	400 x 250 x 125 mm		105.00	each
Vibro Tiles Zigzag	Grey		35.00	66
	Red		35.00	"

#### FURNISHING MATERIAL

5 1 2 10 1	1050.00		1.550.00	
Deck venetian blind	1072.00	to	1550.00	per sq.mtr.
Deck wooden blind	2915.00	to	5335.00	
Deck timber chich blind	1560.00	to	1760.00	
Deck vertical blind	836.00	to	2200.00	"
Deck rollar blind	1430.00	to	5500.00	
Max rollar blind	1210.00	to	2640.00	
Max vertical blind	660.00	to	880.00	
Max venetian blind	990.00	to	1760.00	
Max P.V.C rod	55.00	to	77.00	per rft.
Max rod	77.00	to	165.00	••
Max dropry rod	-	to	605.00	mtr.
Max chanelles	-	to	297.00	
Wooden rod	-	to	660.00	
Unitex loop pile carpet	49.00	to	88.00	
Trend double ribbed carpet			272.00	
Trend flat carpet			152.00	**
Marval rollar blind	154.00	to	265.00	sq.ft.
Marval bamboo blinds			180.00	
Marval rod S.S	528.00	to	665.00	"
Marval rod wood + SS			317.00	"
Marval rod range	70.00	to	754.00	"
Marval vertical blind	96.00	to	156.00	"
Deck - WC vertical blind			310.00	"
Deck - pantane roller blind			176.00	"
Type				
Curtain cloth	100.00	to	440.00	per mtr.
Shair Curtain cloth	140.00	to	440.00	"
Sofa cloth	215.00	to	550.00	"
Bed sheet	385.00	to	1650.00	per set
Bed cover	385.00	to	5500.00	"
Mattress	1650.00	to	11,000.00	per pc
Blanket SB soft	1045.00	to	2090.00	"
Blanket DB Soft	1650.00	to	4400.00	"
Laminated Wooden Flooring	83.00	to	193.00	per sqft
Solid Wooden Flooring	260.00	to	600.00	"
Roman Blind	77.00	to	275.00	"
Wooden Blind	3080.00	to	5500.00	"
Drapery Rods	50.00	to	330.00	per rtf.
MAC Vertical Blind	1218.00	to	6868.00	per sqmtr
MAC Rollr Blind	1986.00	to	6868.00	• "
MAC Penels	1685.00	to	6015.00	44
MAC Roman	3112.00	to	4994.00	44
MAC Venetians Blind	1092.00	to	1967.00	"
MAC Wooden Blind	4620.00	to	11861.00	44
MAC Spring Blind			8116.00	44
MAC Aptimus Blind	8740.00	to	9988.00	"
*				







### **One Stop For Furnishing Shop**

Curtain Cloth, Sofa Cloth, Bed & Bath Lenin Foam & Spring Mattresses, Pillow, Vertical Venetian, Zebra & All Other Type Blind, Carpet & Drapery Rods, Wallpapers Etc.

M-5/6, Hiral Complex, Sanjay Ghandhi Puram, Metro Piller No. 36, Indira Nagar, Faizabad Road, Lucknow - 226016, Ph.No.: 0522-4041351, E-mail: thesagars@redifmail.com

Mob.: 9415071241 🕓 9532978786

Phone No.: 0522-4042723, E-mail: gulmohar786@rediffmail.com

Auth: Distributor/Dealer/Promoter



False Ceilings









False Ceilings

### **Gurdeen Lal Rameshwar Prasad Metal Store**

Yahiyaganj, Lucknow, Ph.: 2266698 Copper Strips, Brass Strips, Copper Plate, Zine, Lead Sheet, Steel Sheet, Bar, Rod etc.

#### **GLRP METALS CONCEPTS PVT. LTD.**

G-4, Tirath Bhawan, 24-Shivaji Marg, (Near Dena Bank), Lucknow, Ph.: 0522-2614410, 9415105594

Aluminium Door, Window Section, Grill, Silicon, ACP-Sheet, Door Window Hardware, Particle Board, Ladder etc.

#### Rameshwar Prasad & Sons

Stockist: Hindalco Industries Ltd. Aluminium Sheet Coil, Chequered Sheet. 3G, Tirath Bhawan, 24 Shivaji Marg, Lucknow - 226 018 Ph.: 6530165, 2252216, Mob.: 9451396490, E-mail: pawansparsh@yahoo.com





**FALSE CEILING & FLOORING** 

E-mail: interiorpoint09@gmail.com Website: www.interiorpoint.in

#### FLOORING Floor Master Laminate Flooring Thickness Specs

(Rs./Sq.ft.) 8.3 mm 95.00 AC-4 8.3 mm 135.00 8.0 mm AC-155.00 **Berry Floor Laminate Flooring** 

200.00 Loft 8.0 mm AC-4 AC-4. W/P Loft 8.0 mm 230.00 Cottage 8.0 mm AC-4.S/P 225.00AC-4.S/P Regency 8.0 mm AC-6.W/P 275.00 Business 8.0 mm 250.00 AC-5 Citadle 11.0 mm Armstrong Vinyl Flooring

(Rs./Sq.ft.) 125.00 Thickness Range Make Specs PU Polish Free Simpurity  $2.0 \; mm$ U.K. 175.00 Medintech 2.0 mm U.K. PVR Maintenance Free U.K. 250.00  $2.0 \, \text{mm}$ S.D.Range S.D. E.S.D 2.0 mm U.K. Static Discharge 300.00 SPAN Solid Hard Wood Flooring

Real Oak, Marbau, Walnut, Kampas & Maple etc.

Range

Exotica

Chalet

Traffic Plus

545.00 sft to 650.00 sft 15mm 19mm 575.00 sft to 750.00 sft

SPAN Solid Hard Wood Engineering Flooring

Real oak, marbau, Walnut, Kampas & Maple etc. 345.00 sft to 450.00 sft 10mm

485.00 sft to 650.00 sft GST Extra

#### BITUMEN & COALTAR BASE PRODUCTIONS

I	BITOMEN & C	JUAL	IAR I	JAJE	FRUD	061	10142
I	Bitumen 85-25						55.00 per kg
I	Roofing Felt			1800.00			
I	(Krishna ISI)			2200.00			
I	Krishna Non ISI			1650.00			
I	Polymermic Felt	0.8 mm	1	1500.00			
I		1.0 mm	1	1600.00			
I		1.5 mm	1	1900.00			
I		2.0 mm	1	1600.00			
I	Membrane	3.0 mm	1	1900.00			
I	Membrane	4.0 mm	1	2100.00			
I	Flashing tape	100 mr	n	1250.00			
I	Expansion joint filter	boards s	size	(1.22 X	1.22 mtr	.)	
I	r	12 mm		ì8 mm		5 mm	
I	Krishna	450.00		600.00	70	00.00	Per sheet
I			1Ltr.		20Ltr.		
I	Shalitex STP/Torchtar		-		2500.00		
I	Bitumen Primer				1800.00		
I	Krishna Bond (cold stic	ker)	65.00		900.00		
I	Creosote oil (Heavy/Lig		70.00				
I	Tor Plact Torchtor	, ,		$(1k\alpha)$	125.00	1700	0.00(20  Kg)

#### FIRE EXTINGUISHER

130.00

Sealing Compound Grade 'B' STP/Torchtar

GST Extra

1 Kg	2 Kg	4 Kg	6 Kg	9 Kg
1565.00	2000.00	2525.00	3625.00	4375.00
2 Kg.		4.5 Kg		
8250		10500.00		
4 Kg.		6 Kg		9 Kg
2475.00		3350.00		4125.00
		9 Liter	4175.00	
FF)		9 Liter	4250.00	
,		2 Kg.	15500.00	
Empty			6500.00	
Red Thermoplastic Hose - 30 Mtr. @120/- Mtr				
15 Mtr RRL Hose with SS Coupling				
Canvas			280.00	Per mtr
	63mm		10760.00	Per Pc
	1565.00 2 Kg. 8250 4 Kg. 2475.00 FF) Empty se - 30 Mt	1565.00 2000.00 2 Kg. 8250 4 Kg. 2475.00 FF) Empty se - 30 Mtr. @120/- SS Coupling Canvas	1565.00 2000.00 2525.00 2 Kg. 8250 4.5 Kg 8250 10500.00 4 Kg. 6 Kg 2475.00 9 Liter FF) 9 Liter 2 Kg. Empty see - 30 Mtr. @120/- Mtr SS Coupling Canvas	1565.00 2000.00 2525.00 3625.00 2 Kg. 4.5 Kg 8250 10500.00 4 Kg. 6 Kg 2475.00 3350.00 9 Liter 4250.00 2 Kg. 15500.00 6500.00 8 Coupling 8500.00 Canvas 280.00 3600.00 280.00

#### FIRE BRICKS & FIRE CLAY

Fire Brick Std. 230 x 1	40.00	Each	
Fire Brick S/A 230 x 11	15 x 75/63 mm MHD	40.00	**
Fire Brick Slim 230 x 1	15 x 38 mm MHD	32.00	**
Fire Clay 50 kg Bag M	HD	350.00	"
Fire Cement ACC 50 kg	1090.00	"	
Fire Crete Super ACC 2	1080.00	"	
Acid Proof Tiles 150 x 150 x 20 mm		28.00	"
Acid Proof Mortar 15 k	g Solution		
with 50 kg Powder	3280.00	44	
Iron Baroda	740.00	44	
GST Extra			

# Zaj turni/hing/





#### Dealers In All Types of :

(A) International brand-Kobe, Hopke, Desgisner Gilt, Warwick Maisha, Harlequein, Joop, Casamence, Fugger House, York,

> (B) Domestic-Seasons, Floor & Furnishings, G.M. Pure, G.M. Home, D Decor Home Idea, D Decor, Dicitex, Sarom SJ, Rumors fine furnishings, Somfy Motor,

Bed & Bath: Portico, Bombay Dying, Kiaana, Spring Air Mattress, Spring Fit, Sleepwell.

#### Auth. Distributors/Sellers:

 Armstrong Flooring-Real & Engineered
 Mikasa Flooring-Real & Engineered Loom crafts Furniture

YMCA Complex, 13, Rana Pratap Marg, Lucknow - 226001 Tel.: 0522-4339000, 2207801, Mob.: 9889811211, 9889925000 E-mail: rajfurn@gmail.com

## LUCKNOW BITU-FELT AGENCY

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BITUMEN, APP MEMBRANES, TARFELT

Dealer of: TORCHTAR MEMBRANES AND BITUMEN PRODUCTS P. LTD. STAR COATINGS & MEMBRANES PVT. LTD.



1800.00 (20 Kg.)

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Exporter / Distributer / Service Provider

#### **Industrial Electrical and Safety Products**















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Sanjiv Agarwal (M.D.): +91 9415086387 Ambuj Agarwal (Director): +91 9336155733 Email : info@fairpowerage.com Website: www.fairpowerage.com

#### PAINTS & PAINTS ANCILLARIES

20 Kg 10 Kg

5 Kg 2 Kg 1 Kg

Oil Bound Distemper

on Bound Bistemper	-01-5	10115	0 115		
Tractor (Asian), Bison (Berger)	900.00	550.00	350.00	160.00	-
Maxilite (I.C.I.), Nerolac / No.1	to	to	to	to	
(Shalimar), Jonsolin (J & N)	1450.00	750.00	450.00	225.00	-
N.C.LAltek					
Oil Bound Pouch Packing					
Utsav (Asian), Jaddu (Berger),		h Pack	50.00 to 6	0.00 per	ltr.
Farco (I.C.I.), Nerolac/Mela (Shal					
White Primer	20 ltr.	10 ltr.	4 ltr.		500gm.
For Wood & Wall	1990.00	995.00	400.00	110.00	
All Companies	to	to	to	to	to
	2650.00	1400.00		200.00	
Redoxide Metal Primer	900.00	-	300.00		60.00
All Companies	to		to	to	to
E E. I. I.O. II.	1900.00	- 101	480.00		100.00
Exterior Emulsion Ist Quality	20 ltı				1ltr.
Apex(Asian), AllGuardWeather Co					200.00
(Berger), Weather Shield (I.C.I.),	to	to			to
Nerolac / Extra (Shalimar)	6000.0	0 3230	.001400.0	0 325.0	00
Exterior Finish IInd Quality	1050 (	00 1100	00 450	00	140.00
Ace (Asian), Walmasta (Berger),	1950.0 to				140.00
Shaktimaan (Shalimar)	2600.0	to 00 1300			to 180.00
Interior Emulsion	1850.0				150.00
Berger/Asian/Nerolac	1030.0	to			to
All Companies	7500.0				450.00
Synthetic Enamel	20 ltı				500 ml
(All Companies)	3750				115
(7th companies)	to	to			to
	4600				155
Cement Paints	.000	, , , ,		•	100
Snowcem	950.00	to 1250	0.00 2	5 Kg Bag	y
Durocem (Berger)	950.00			5 Kg PV	
Local Material				8	6
	60.00	4- 75	00	T 4 (T	
Turpetine Oil	60.00 900.00	to 75		er Ltr. (L Fum of 2	
Varnish	120.00	to 160		er Ltr. (L	
varinsii	1800.00	to 2200		er Lir. (L rum of 2	
Plaster of Paris	140.00	to 2200		ag 20 Kg	
Whiting	280.00	to 400		ag 20 Kg ag 20 Kg	
" inting	200.00	10 <del>1</del> 00	.оо в	45 20 K	5

NCL Putty 40 Kg Bag The exact rates of the product depends upon the Shade & Company you choose Asian Paints / Berger Paints / LC.I. Nerolac / Shalimar / J & N GST Extra

120.00

to 175.00

325.00

375.00

1000.00

1600.00

1000.00

740.00

hr.

20 kg Bag

25 Kg bag

25 Kg Bag 25 Kg Bag

25 kg bag

#### PAXIGLAS FIBER LAMINATIOS TRANSLUCENT PROOFING SHEETS

Thickness Plain	1 mm 32.00	1.5 mm 55.00	2 mm 68.00	3 mm 105.00	sq.ft "
G.I. Corrugated (Size 12') A.C. Corrugated		1 mm 35.00 370.00	1.5 mm 55.00 500.00	2 mm 68.00 600.00	sq.ft r.mt. Pcs
Printed Plain		1.25 mm 25.00		1.75 mm 62.00	sq.ft sq.ft.
Printed G.I. Corrugated	Availabl	48.00	ize con al	57.00	oc per

order Rates will be increased in proportion to other thickness.GST Extra

Manoj Khanna



Sanjay Khanna



Dealing In All Paints, Polish, PU, Waterproof Material & NILAYA Wall Papers of Asian Paints

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## INTERIOR WORKS & PROJECTS

559-Kha/PN-9D, Sarpot Ganj (Ambedkarpuram, VIP Road, Telibagh, Lucknow-226012 Mob.: +91-9792026666, 0522-2441212, E-mail: vishal.tripathi47@gmail.com

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Thinner

Local Snowcem

Texture Paint

Super Fine

Super Fine (WR)

Rustic Furnish (DECO)

Sivercem / Goldcem

NC Thinner All Companies





















#### ARCADIA GOD TILES

Size(")	Rate	Size	Rate
6 x 6	40.00 each	8 x 12	140.00 each
12 x 12	170.00 each	18 x 12	450.00 each
Size(")	Rate	Size	Rate
6 x 6 (12 Tile set)	400.00	8 x 12 (6 Tile set)	750.00
18 x 12 (2 Tile set)	700.00		
Kitchen Highlighter		12 x 18	450.00 each

#### POLYCARBONATE SHEET

Multiwall Sheet		6mm 50.00	8mm	<b>10mm</b> 70.00	sq.ft.
Compact Clear/Bronze Sheet Embossed Clear/Bronze	1mm 48.00	<b>2mm</b> 85.00	<b>3mm</b> 140.00	4mm 220.00	"
& Colour Sheet	1mm 50.00	<b>2mm</b> 85.0	<b>3mm</b> 140.00	<b>4mm</b> 180.00	"

#### CEMENT ROOFING SHEETS & ACCESSORIES

Upal/Ramco/Charminar/Visaka/Japee/Everest

	2 m	2.5 m	3 m	3.60 m	
A.C Corru. Sheet 6mm	400.00	500.00	600.00	780.00	each
A.C Plain Sheet			4ft x 4ft	6ft x 4ft	
4	mm thick		270.00	334.00	"
$\epsilon$	mm thick		384.00	545.00	"

#### GLASSES WINDOW PANES & MIRRORS

Name of Glass	3mm	3.5mm	4mm	5mm	6mm
Toughend			753.00	861.00	1023.00
Plain	210.00	245.00	280.00	350.00	420.00
Bazri	195.00	228.00		325.00	
Brown Gray			450.00	550.00	
Saint Gobin Laqured					
Glass (in diff. colour	)		2150.00		4000.00
MIRROR			645.00	800.00	1000.00
ASAHI OPEL			357.00	510.00	
Saint Gobin (diff. col	lour) Ref.	580.00	700.00		
	8mm	10mm	12n	nm 19	mm
Toughend	1184.00	1292.00	1400	0.00 66	00.00
Plain	770.00	920.00	1100	0.00 30	00.00
Bazri	1100.00	1200.00	1350	0.00	

#### HARDWARE OF OZONE (ARCHITECTURAL)

Patch Set	15660.00	Per set
OPF-1	3060.00	Per pcs.
OPF-610	2600.00	
OPF-4	2810.00	"

PVC Door	850.00	sq.mtr.
PVC False- Celling	750.00	- 44
PVC Wall Paneling	700.00	"
Solid PVC Door/Plane Colour	2749.00	"
Solid PVC Door Both Side Pahlam	3214.00	"
PVC Frame	140.00	R. mtr.
Solid PVC Frame/Plane Colour	481.00	"
	PVC False- Celling PVC Wall Paneling Solid PVC Door/Plane Colour Solid PVC Door Both Side Pahlam PVC Frame	PVC False- Celling       750.00         PVC Wall Paneling       700.00         Solid PVC Door/Plane Colour       2749.00         Solid PVC Door Both Side Pahlam       3214.00         PVC Frame       140.00

#### U-PVC WINDOWS & DOORS

Ecowin u-PVC Window & Doors

Ecowin u-1 v C vvinuovi & Doors				
Fixed windows	300.00	to	350.00	per sq.ft.
Sliding windows	525.00	to	650.00	
Casement window	475.00	to	525.00	"
Sliding-Casement windows	550.00	to	650.00	**
Extra far wooden foiled window	150.00	to	200.00	"
Sliding Doors			550.00	
•				

#### PRE COATED STEEL WINDOWS & DOORS

NCL Seccolor Pre Coated Steel Window & Doors

Ajanta Series (with out Fly Mesh Shutter)	300.00 to	375.00	per sq.ft.
Series 3000 (with out Fly Mesh Shutter)	325.00 to	350.00	
Series 4000 (with Fly Mesh Shutter)	400.00 to	425.00	**
Extra for Grill		95.00	"
White, Brown, Blue & Red Colour available.			

## **RAMA GLASS HOUSE**

Aminabad Road, Near Hotel Deep Avadh, Lucknow Mob.: +91-9415026373, Ph.: (S) 0522-2682021, 4002021 E-mail: ramaglasslko@gmail.com, anupam@ramaglass.in

### All Kind Of Float, Tinted, Figured, Toughened, **Bend & Thick Glasses**



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- Light weight, Weather Proof UV Resistant
- Zero Maintenance Energy Efficient
- Termite Proof Corrosion Proof
- Sound Insulation Water Resistant
- Fire Resistant
- Environment Friendly Architect's Delight

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### SUPREME DOORS & ALLIED PRODUCTS

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Rojshri: Partitions Rojshri : False Ceiling

Rojshri: Wall Panelling



Manufacturers of: Kiln Seasoned & Chemically Treated Factory Made Panel Door, Window Shutter, Frame, Flush Door, shuttering Plywood Etc.

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### Labour Rates of various Trades in important towns and cities of India and Nepal

	NE	PAL		UT	TAT PR	ADES	Н					ОТНІ	ERS ST	ATES			
	Kathmandu	Nepalganj	Kanpur	Allahabad	Varanasi	Agra	Lucknow	Meerut	Delhi	Dehradun	Chandigarh	Rajasthan	Hyderabad	Mumbai	Bhopal	Chennai	Kolkata
Mason	750	675	700	700	700	700	700	675	725	675	700	675	700	750	700	675	675
Mason Expert	800	700	750	750	750	750	750	725	775	750	750	725	750	800	725	725	725
Carpenter	800	700	725	725	725	725	725	700	750	725	750	725	725	775	725	725	725
Painter	600	575	575	600	600	600	625	600	650	600	625	600	600	700	600	600	600
Black Smith	650	600	600	600	650	650	600	600	625	600	600	600	600	700	625	600	600
Plumber	800	750	750	750	750	700	800	750	800	750	775	775	775	850	750	750	750
Expert Labourer	550	475	500	500	500	475	475	500	550	500	500	500	500	575	500	500	500
Coolies Male	500	500	500	500	500	500	500	500	500	500	500	500	500	600	500	500	500
Coolies Female	450	450	450	450	450	450	450	450	450	450	450	450	450	550	450	450	450

#### Monthly Wholesale Price Index

Monthly wholesale Price Index of all commodities and sub group Fuel, Light, Power & Lubricant as intimated by the Office of Economic Adviser, M/o Industry, Govt. of India and MES / BAI New Delhi are given below:

#### Base year 2011 - 12 = 100 (Final)

Price Indices for following Months down loaded from Website of Ministry of Industry "www.eaindustry.nic.in" are given below: Office of the economic advisor, Ministry Of Commerce And Industry has started issue of price index for all Fuel, Power, Light & Lubricant monthly instead of weekly. The same for the month of February 2022 to January 2023 is as under:

Month/Year	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEP	ОСТ
2022-23	162.8	158	155.8	157.6	156.4	152.7	148.6	146.2	145.3	149.6	153.1	154.1

Office of the economic advisor, Ministry of Commerce and Industry has started issue of price index for All Commodities monthly instead of weekly. The same month of February 2022 to January 2023 is as under:

Month/Year	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEP	ОСТ
202223	152.5	150.5	150.7	150.9	151	151.1	149.4	148.9	151.9	152.4	151.5	152.1

### TRUCK FREIGHT RATES FOR VARIOUS COMMODITIES FROM DELHI TO VARIOUS STATES



ANDHRA PRAI	DESH	Ahmedabad	40000	Sirsa	16000	Kolhapur	70000	Khanna	17000	Allahabad	35000
Vishakhapalnam	70800	Surat	52000	MADHYA PI	RADESH	KARNATKA		RAJASTHAN		Hapur	6000
ASSAM		Badodara	42000	Bhopal	32000	Bangalore	90000	Jaipur	17000	Agra	17000
Guwahati	82000	Kandla	49000	Jabalpur	38000	Mysore	90000	Ajmer	19000	Haldwani	20000
Tinsukhia	111120	HARYAN	IA	Bilaspur 50000		PUNJAB		Alwar	14000	Ghaziabad	5000
BIHAR		Panipat	12000	Raipur	51000	Amritsar	20000	Beawar 19000		WEST BENGAL	
Patna	45000	Kama	10500	MAHARAS	SHTRA	Rajpura	16000	UTTAR PR	ADESH	Raniganj	57000
Ranchi	53000	Yamunanagar	12000	Mumbai	58000	Chandigarh	15500	Lucknow	29000	Kolkata	65000
Tata Nagar	56000	Kaithal	15000	Pune	60000	Jelandhar	17000	Kanpur	27000	Siliguri	60000
GUJRAT		Ambala	14000	Naqpur	45000	Bhatinda	17000	Varanasi	37000	Per 9 Tor	nes

GST Extra

# Classifieds

To get your self/your firm added in the classified, contact Phone: 0522-4062247, E-mail: buildersfriend1@gmail.com

#### **ARCHITECTS & ENGINEERS**

#### Architectural Innovations & Cons.

(Architects, Engineers & Interior Designers) Ar. Ahmed Haroon (M. ARCH) 97, 98, 1st Floor, Jivan Plaza, Vipul Khand, Gomti Nagar, Lucknow-10. Ph.:(0) 522-4080510 M: 9839214800, E-mail: aiaclko@gmail.com Website: http://aiaclko.com

#### Avishkaar

(Architects, Engineers & Interior Designers) Ar. Avinash Ghai B Arch (IIT-Roorkee) Sana Palace, UGF, 8, Shahnajaf Road, Lucknow-01 Ph.: 0522 - 4044778, Mb.:9415024149, 9335768466. E-mail: ghai.avinash@gmail.com

#### **Awanish Constructions**

Architect, Engineer, Interior Designer and Landscape Designer. Chitaipur, B.L.W. Road, Varanasi (Near Crossing)-221005. Mob. 9889567231, 7905400236. E.Mail.-rajekesh@rediffmail.com.

#### **Civil Consultants**

(Architects Planners & Interior Designer) 003 Gauri Apartment, 57 Hillton Lane, Meerabai Marg, Lucknow - 226001. Fax. No. 0522-2209241 Ph.: 2209521, 2209859, 4230613, E-mail: civilconsultants@yahoo.co.in

#### **Space Matrix**

Construction, Design and Land Survey Gr. Floor, Ekta Apartment, Abidin Enclave, F.C.I. Road, Lucknow,

Mob.: +91-9161370370, +91-8896841680 E-mail.: spacematrix.lko@gmail.com

#### **ALUMINIUM DOORS & WINDOWS**

#### **Akshay Aluminium Agencies**

102/27, Hewett Road (Shivaji Marg), LKO-18 Ph.: 0522-2610176 (S). Mb.: +91-9415003580.

#### Interior Point

UGF-04, Nehru Manzi!, Opp. Petrol Pump, Kaiserbagh, Lucknow - 01. Ph.: (0) 0522-6068222,

Mb.: 09415011496, 9415410090, 9936219999. E-mai interiorpoint09@gmail.com

#### Wadhwa Enterprises (AluK®)

Auth. Sales Partner: AluK System Windows & Doors Shop No.11, Gumti Gurudwara Building, G T Road, Kanpur - 208012

Mob.: 9839036334, 9839019029

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Er. B.K. Trikha, MA(Alt. Dis Reso.) DCE, DT & CP, DIM, FIV, MICA, MIS, MIRC, MIBC 32, Bhopal Singh Marg, Begum Bagh, Meerut-1 Mob.: 9897381615.

#### Er. N.C. Mittal, (F.I.E., M.I.C.A)

**Chartered Engineer & Arbitrators** 21, Narain Bazar, P.T.I. Building, 10 Lalbagh, Lucknow-12, Mb.: 09415020798, ncmgeneralinsurance@gmail.com

#### Er. Satpal Singh, (F.I.E., F.I.V., M.I.C.A)

Empanelled Arbitrator of I.C.A Procurement Expert (World Bank Projects) B-404, Rohtas Hampton Court Apartment, LDA Colony, Kanpur Road, Lucknow-12, Mob.: 9839043458,

E-mail: Satpalsingh1948@gmail.com

#### APPROVED VALUERS

#### A.A.N Associates Architect, Engineer,

Approved Valuer, Surveyor & Consultant. Office No 9, IInd Floor, Mirza Towers, Love lane, Hazratganj Lucknow. Ph # 0522-4046848

Mob. 7505463433, 9695659993, 09415023993 E-mail: aanassociates.lko@gmail.com

#### **Amrit Lal Kalra**

C.Engg. FAN; F.I.E; M.I.C.A., C-30, Krishna Nagar, Kanpur Road, Lucknow 23. Ph.: 0522 - 4008364

Mob.: +91 - 9839251992

#### Er. Anil Kumar Srivastava

B.E.(Civil), M.Tech.(GeoTech.), F.I.E., LF-IGS, F.I.V., Registered Valuer - Income Tax **Snow Fountain Consultants** (ISO 9008:2000 Certified) 5/259 H.I.G., Vikas Nagar, Lucknow-226020 Toll Free: 1800-103-4766, Ph.: 0522-4047624 Email: snowfountain@gmail.com Website: www.snowfountain.co.in

#### Er. M. I. Khan

B.E.(Civil), FIV, FIAV, FICI, FIGS, FACCE, MIBC Registered Valuers & Chartered Engineer 1/83, Vijay Khand, Gomti Nagar, Lucknow - 10. Ph.: 0522-2392603, Mob.: 9839124381

#### M. K. Goel C.E, F.I.E. (India) FIV, MIRC

Registered Valuer / Chartered Engineer, C-35, 'E' Park, Mahanagar Extn., Lucknow-6. Ph.: 0522-2329439. Mb: 9335248634. E-mail: goel\_mk10@rediffmail.com

#### K. Chandra

2/112, Viram Khand, Gomti Nagar, Lucknow - 10. Ph.: (O) 0522-4047941, Mb.: 9415004395, 9140653413

### Er. Rajan Singh (B.E., F.I.V., M.I.E.)

Registered Valuer & Chartered Engineer's. Office/Res. 1/E-719, Sector-1, Vardan Khand, Gomti Nagar, Extn. Lucknow. Ph: 9415047517, 0522-2992281, E-mail: sanrachnaassociates@gmail.com

#### Er. Ram Achal Verma

B.Tech (Civil) Hons., C.E., F.I.E.(India) F.I.V. Registered Valuer & Chartered Engineer Office & Resi.: 5/901, Vikas Nagar, Lucknow- 22 Mob.: 8795810067, 8299690687 E-mail: ramachalverma.1959@gmail.com

#### Er. Sant Prakash Sharma (Retd) S.E.

B.E. (Civil) M.Sc. FIE, FIV, FIWRS, MIMS C-1055/6, Indira Nagar, Lucknow. Ph.: 2310716. Mb: 9415764457 Em: spsharma67@yahoo.com

#### Capt. Manoj Wasan (Retd.)

Govt. Approved Valuers, B.Tech (IIT Rookee), M.Tech (IIT Kanpur), MBA (Symboisis - Pune) Resi.: B-655/1, Rajajipuram, Lucknow-226017, Mob.: +91-9838007256 Office: UGF-8, Ist Floor, Sana Palace-1, Sahanazaf Road, Hazratganj, Lucknow-226001 E-mail: manojwasan@wascon.in

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General Pest Control Service (Insect Control) Anti Termite Treatment Rodent (Rat) Control, Fogging

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#### Pest Killers (MES Inlisted & IPCA Member)

32/6, Pest House, Naruna Chauraha, Mall Road, P.B. No.49, Kanpur-1 (0) Ph.: 0512-2303528, Mb.: 9415131290, 9559099099, E-mail: pestkillerskanpur@yahoo.com

#### **BUILDING CONTRACTORS**

#### AP ASSOCIATES

Er. A.P.S. Rathore (B.Tech (Civil) 81, HBTI, CMD) Corporate Off.: B-69, South City, Lucknow

Mob.: +91-9839343125 E-mail: apsrathorelko@gmail.com Website: apassociateslko.com

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#### **Falcon Decor**

PVC Wall & Ceiling Panel Contractor "FALCON HOUSE", 92 G.B. Marg, Near Mezban Hotel, Lucknow -226018

Mob.: +91-9451993322, +91-7398571430

#### **ENVIRONMENT CONSULTANT**

#### Er. Dinkar Saxena (Chartered Engg.)

(Estate Services, Environment, Planner & Social Auditor), 441, Sector 16, Sikandra Avas Yojna, Sikandra, Agra-282007.

Ph: 0562-2641866, Fax: 0562-4052776 Extn-24, Mob.: 9837007304

E-mail: dassagra@ hotmail.com, dinkar.saxena@ gmail.com

Website: www.wateronline.co.in

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Mob.: +91-9451993322, +91-7398571430

#### Interior Point

UGF-04, Nehru Manzil, Opp. Petrol Pump, Kaiserbagh, Lucknow-01. Ph.:(0)0522-6068222, Mb.: 09415011496, 9415410090, 9936219999. E-mail: interiorpoint09@gmail.com

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556/557, Hind Nagar, Kanpur Road, Lucknow -12., Ph.: 0522 - 2437485, Mob.: 98390-19506, E-mail: kushaan\_k@yahoo.co.in

## INTERIOR DESIGNER & DECORATORS

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Mob.: +91-9451993322, +91-7398571430

#### Interior Point

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### POLYCARBONATE WORKS

#### Paxiglas Industries

13, Shivaji Marg, Lucknow - 18, Ph.: 0522-2622271, Mob.: 09415010034, Email: paxiglasindustries@rediff.com

#### **PUMPS AND VALVES**

#### **Vikas Industrial Corporation**

19, Shivaji Marg, Opp. GoGo Ice-Cream, Lucknow-226018

mail:vikasindustrialcorporation@rediffmail.com Mobile: 8957011583

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E-mail: research@anulab.org, Website: www.anulab.org

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Mb.: 9415025566, 9415501637/38/39/40, Website: www.arunsoillab.com

E-mail : arunsoillab.asl@gmail.com E-mail : info@arunsoillab.com



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#### OM TEST HOUSE (NABL Accredited Laboratory)

Soil/Material Testing, Geological Investigation, Quality Control & Survey of Sites Govind Plaza, Kamta, Chinhat Tiraha, Faizabad Road, Lucknow-226028 (U.P.) Mob.: +91-9198807904/9450103087,

E-mail: omtesthouse@gmail.com

#### **Roorkee Test House**

Soil/Material Testing Quality Control Work etc., L.G. 19, 20 Goya! Plaza, Faizabad Road, Lucknow, 9919017519, E-mail: roorkeeth@ vahoo.com

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Regd. Office: 5/259 H.I.G., Vikas Nagar, Lucknow-226020

Toll Free: 1800-103-4766, Ph.: 0522-4047624 Email: snowfountain@gmail.com Website: www.snowfountain.co.in

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### Universal Test House (NABL Accredited)

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#### STRUCTURAL CONSULTANTS

#### Er. Arvind K. Garg (Structure Engineer)

Techpro Engineers Pvt. Ltd. Refer: Soil Investigation, Architectural &

Structural Consultant

E-mail: info@techproindia.com 114, Ram Ganga Housing Society, Naramau,

G.T. Road, Kanpur-209217 Ph No.: 9336185051, 9793209918

#### Chandra & Associates

2/112, Viram Khand, Gomti Nagar, Lucknow-10, Ph.:0522-4047941, M.9415004395,9140653413

#### Er. Pankaj Srivastava

M.Tech (Structural) (Hons.)

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#### **Wascon Consultants**

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Ph.: 0522-4064889, Mob.: +91-9838007256,

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#### **SURVEY EQUIPMENTS**

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Ph.: 0522-2321949, Mb.: 9415076968

#### **NEW PRODUCTS**

### Halonix Technologies Launches a Revolutionary Product, Wall De-Light

Halonix Technologies, one of India's fastest-growing electrical companies, launched its latest product, 'Wall De-light', setting new benchmarks in aesthetic design. It is six times slimmer than a traditional LED bulb, and moreover, it does not require any additional fixture. It is available in two contemporary 12W LED shapes - Round and Square, priced competitively at just INR



349 only. Its innovative features blend design and functionality, making it a reliable and cost-effective lighting solution.

Halonix's' 'Wall-Delight' LED bulb is available on all leading e-commerce platforms and electrical retail stores throughout the country. Both variants are priced at INR 349 only and come with a 2-year warranty. Setting new standards, this one-of-a-kind product is being manufactured at Halonix's state-of-the-art Haridwar facility.

www.halonix.co.in

### Hafele Launches its New Lithos Sinks Range



Contemporary kitchens exude their own distinct personality, mirroring the unique lifestyle and traditions of the people living there. Among the various zones in the kitchen, one of the most bustling ones is the sink center serving a range of functions like rinsing vegetables & fruits, chopping them for preparations, and cleaning the cookware and utensils. Bringing forth the rising trend of incorporating quartz surfaces in the kitchen, Häfele launches its new sinks range - Lithos which means stone in Greek, aptly named to represent its inherent sturdiness, longevity and reliability. This range of Quartz Sinks come with an antibacterial coating, an inherent resistance against scratches, stains and dirt, and resistance to high temperature, thereby requiring minimal maintenance and offering a long-lasting endurance even if hot utensils are kept on it.

www.hafeleindia.com/en

### CMC Unveils Its Latest Designs In The KalingaStone Terrazzo Range – Greta **Grey & Colosseo**



Classic Marble Company Classic Marble Company (CMC) has introduced its latest KalingaStone Terrazzo products – Greta Grey and Colosseo from the Venetian and Roma collections. The Greta Grey is a serene grey terrazzo that gracefully entwines with delicate black and white mosaics, adorning its surface like celestial stardust. The Colosseo is a pristine white terrazzo with a subtle fusion of grey and beige mosaic patterns. The designs complement each other, forging a symphony of elegance that transforms walls and floors into works of art. The newly launched products have a glossiness reflection of more than 75% and water absorption rate of less than 0.2%. Additionally, the KalingaStone Terrazzo range now has Microban antimicrobial technology which ensures continuous protection against bacterial growth.

www.kalingastone.com

### Transform Your Space with the Adaptable Luxury of this Wall Unit

This visionary wall unit redefines interior design and elevates living spaces with its adaptable system of decorative panels and complementary accessories. Ghost Wall is a thoughtfully designed system of decorative panels that promises to enhance every corner of your home, from the entrance to the bedroom. With an extensive range of accessories and an exceptional variety of textures and colors, Ghost Wall encourages



endless possibilities for creating unique arrangements and inspiring creative interpretations of its use. What distinguishes Ghost Wall is its forward-thinking character, exemplified by the slim profile of the panels and supports. This design feature allows the structure to seamlessly merge with your walls, effectively transforming them into dynamic works of art. Available in different sizes and materials, including wood, glass, and fabric, Ghost Wall introduces a fresh perspective to interior design.

www.etreluxeindia.com

### **Embody Spanish Architecture into This** Graceful Kitchen Collection



This exceptional collection seamlessly blends form and function, drawing inspiration from the aqueduct's architectural brilliance that has withstood the test of time for close to two thousand years. The Segovia Collection offers a diverse palette to complement various kitchen aesthetics, available in a range of luxurious finishes, including Steelnox® Satin Nickel, Onyx, Polished Chrome, and Polished Brass. Each finish is meticulously crafted to enhance durability and maintain a flawless appearance over time. The Segovia Collection is a testament to GRAFF's commitment to excellence, combining strength, style, and a timeless silhouette. Mirroring the Segovia Aqueduct's 167 arches, the collection's graceful arc and flowing lines pay homage to the historical structure, creating a kitchen ensemble that exudes elegance and sophistication.

www.graff-designs.com

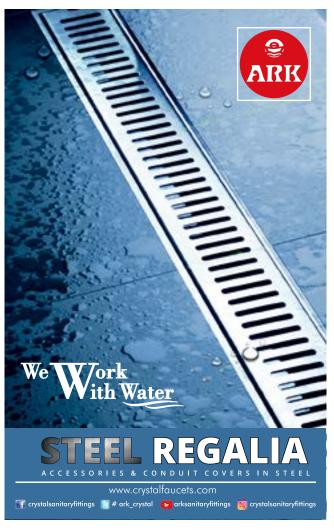
### The Suit Collection by VitrA Bathrooms

VitrA, a leading provider of bathroom solutions within the Eczacıbaşı Building Products Division, is proud to introduce the Suit collection, a stunning range of bathroom fixtures that are designed to elevate your bathroom experience to new heights. The heart of this collection lies in its unique approach to geometric shapes, which have been meticulously transformed into an elegant and original design, making it a true work of art for your



bathroom. What sets the Suit collection apart is its exquisite colour palette, carefully curated to harmonize seamlessly with your bathroom's aesthetics. The collection offers four captivating colour alternatives. A timeless classic, the Chrome finish exudes a modern and clean look, adding a touch of sophistication to your bathroom. Its enduring appeal ensures that your bathroom remains stylish for years to come. The Soft Gold finish radiates luxury and opulence.

www.vitra-india.com



Unlike plastics, metals are Earth friendly. They can easily be recycled &processing them into different forms does not trouble, the atmosphere too much. Metals also have surfaces that are easy on the eye. Lustrous metallic surfaces reflect natural light pleasantly &ifs no wonder that we see more of such finishes on our automobiles, buildings, utensils & jewellery.

Steel is among the best of metals especially when it has cured itself of its affinity to rust. It is easily processed, is not too expensive &well-polished steel, having a bit of carbon & chrome, produces finishes that compare favourably with the embellishments of the much more expensive silver & platinum. Steel regalia is Ark's ode to this magnificent alloy. Ark's steel gear supports you at every step of your bathing & cleansing rituals. The sturdy grab bars help the elderly as they go about their comfort routines, while the hooks, rails & racks help in temporary or long term storage of bathing robes & linen.

Strategically planted jallis, cockroach traps & drainers help waste water exit through baths, sink & basin areas, helping keep healthy, clean, dry, slip-free surfaces. Steel Regalia from Arkfascinating lustre for your baths & kitchens.

### FORTHCOMING EVENTS



### **Smart Cities India Expo 2024**

**Date**: 17<sup>th</sup> - 19<sup>th</sup> January 2024 Venue: Pragati Maidan, New Delhi

The Smart Cities India expo is a showcase of India's emerging modernisation and developing landscape. The expo showcases the integration of transformative technologies with the key pillars of urban development, i.e., Green Buildings, Rooftop Solar, Renewable & Clean energy, Clean Environment, Clean Water, Water Conservation, Urban Mobility, and the use of Smart ICT solutions for optimising resources that make cities smart and sustainable. The expo expects participation from over 55,000 industry visitors, over 1,200 manufacturing brands and tech companies from 40+ countries, 350 startups and over 200 senior Government officials, industry leaders, Smart City CEOs, city planners, Mayors, Ambassadors and stakeholders from India and around the globe.



#### **Build Intec 2024**

**Date** : 09<sup>th</sup> - 12<sup>th</sup> Feburary 2024

Venue: CODISSIA TRADE FAIR COMPLEX, Coimbatore

"India's Prime Building and Construction Trade Fair"

Intec is a construction expo that unites building material and technology segments, featuring Pan India participants and showcasing the latest in the field to enhance the construction industry's cost-effectiveness, efficiency, and technology.



### **United Build Expo 2024**

Date: 23<sup>RD</sup> - 25<sup>th</sup> Feburary 2024

Venue: Convention centres TamukkamHi, Madurai

United Build Expo is a platform for Equipment Rental Companies, Architects, Building Material Industry, General Public, Construction machinery Trade and Service Providers, Project managers, etc. It will feature Brick making machinery, Pipes and Fittings, Furniture, Sanitary ware, Home Appliances, Woodworking Machinery, Kitchen & General Household fittings, etc.



### **Indian Ceramics Asia 2024**

**Date**: 06<sup>th</sup> - 08<sup>th</sup> March 2024

Venue: The Exhibition Centre, Gandhinagar, Gujarat

Indian Ceramics Asia is an advanced trade fair and conference for the ceramic and brick industry, showcasing leading companies presenting machinery, raw materials, laboratory equipment, technical ceramics, storage equipment, and more. It is the only B2B show for suppliers in India, covering the entire spectrum of the industry.



### iDAC - Infrastructure Development **Architecture Construction 2024**

**Date**: 07<sup>RD</sup> - 09<sup>th</sup> March 2024

Venue: Jio World Convention Centre, Mumbai

#### "IDAC- Create the Change"

iDAC Expo, India's largest knowledge sharing platform which supports innovation in the industry where in Exhibitors from around the world showcase their potential by providing detailed demonstrations of latest products and services within industry segmented pavilions which are curated by renowned architects, Service Consultants & Engineers from the fraternity.

### Dec INTERNATIONAL HARDWARE **02** | FAIR INDIA 202

Date: 02<sup>nd</sup> - 04<sup>th</sup> December, 2023 Venue: Pragati Maidan, New Delhi

### **NORTHERN BUILD EXPO 2023**

Date: 22<sup>nd</sup> - 24<sup>th</sup> December, 2023 Venue: Gandhi Maidan, Patna, bihar



#### **ELECTRIC EXPO 2023**

Date: 22<sup>nd</sup> - 24<sup>th</sup> December, 2023

Venue: Labhganga Exhibition Center, Indore

## **04** EXPO 2024

### Jan CONSTRO INTERNATIONAL

Date : 04th - 07th January, 2024

Venue: Pune International Exhibition and Convention Center, Pimpri-Chinchwad

### **12** SAIFEE BURHANI EXPO 2024

Date : 12th - 14th January, 2024

Venue: Labhganga Exhibition Center, Indore

### **CERAMIC & BATH INDUSTRY**

18 SHOW 2024

Date : 18th - 20th January, 2024

Venue: ICC - Dwarka Sector 25, New Delhi

#### Jan ODISHA BUILDCON INTERNA-18 TIONAL EXPO 2024

Date: 18th - 20th January, 2024 Venue: Janata Maidan, Bhubaneswar

#### CONSTRUCTION ARCHITEC-**24** TURE INTERIORS - GOA 2024

Date : 24th - 26th January, 2024 Venue: Dr Shyama Prasad Mukherjee

Stadium, Taleigao



### **01** INDIA STONEMART 2024

Date : 01st - 04th Feburary, 2024 Venue: Jaipur Exhibition & Convention

Centre, Jaipur

## **PHILIPS**

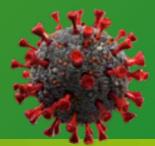
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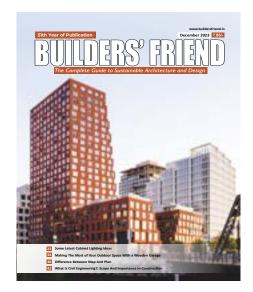
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