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Tham & Videgard Win Competition To Design+One Tower in Sweden



Architectural firm Tham & Videgård won the international competition to elaborate a new addition for the Swedish Exhibition and Congress Centre in Gothenburg. The selected proposal puts in place a new hotel tower and a main entrance for the venue.

Considered one of Europe's largest integrated meeting locations, the exhibition center, founded around 1923, will have a building that will stand out in its context and function in direct connection to its surroundings. Scheduled for completion in 2025, the +One tower project will enhance the neighborhood with the parallel creation of two entrances to the new station for the underground railway system. Also, in

conjunction, the original main exhibition hall from 1957 will be refurbished.

A new point of reference within the city, the architects imagined a light structured tower, taller than the existing Gothia Towers, with a new multi-stories entrance and a generous public terrace. Located in Gothenburg's most central site, in the midst of a diverse mix of nineteenth-century urban blocks, large scale sports venues, parks, and a new public transportation hub, the future landmark will contribute highly to the street life. In fact, the conceptual approach of the winning intervention is based "on the idea of a direct and open interface between the city and the venue".

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Godrej Properties to Develop 11-Acre Land Parcel in Pune's Hinjewadi

Real estate developer Godrej Properties today announced that it will develop an 11-acre land parcel in Hinjewadi, Pune. The development on this land will comprise primarily group housing and high street retail. The project will have a developable potential of approximately 2.2 million square foot (msf) with an estimated revenue potential of around Rs 1,800 crore.

The land parcel is located near the upcoming Megapolis Metro Station and enjoys easy connectivity to key IT hubs in Hinjewadi, Pune, along with access to schools, hospitals, malls, restaurants and premium hotels.

Gaurav Pandey, MD and CEO, Godrej Properties, said, "Hinjewadi is an important micro market for us in Pune and we are happy to add this land parcel to our portfolio. This further enhances our presence in Pune and fits within our strategy of strengthening our presence across key micro-markets in India. We will aim to build an outstanding gated community that creates long-term value for its residents."

Smart City Mission Extended Till March 31, 2025



The Smart City Mission has been extended till March 31, 2025 by the central government after Telangana chief minister A Revanth Reddy appealed for it recently. As per media reports, Reddy requested union minister for housing and urban affairs Manohar Lal Khattar about the extension of the deadline.

While the union government was looking at closing the Smart City Mission by June 2024, there are works in progress in Warangal and Karimnagar under the Smart City Mission in Telangana. According to media reports, there are 66 pending works with project cost of over Rs 518 crore in Warangal. In Karimnagar, around 22 works costing Rs 287 crore are in progress.

An extension was sought till June 30, 2025 for the works to be completed. Acknowledging the request, the centre has granted an extension till the end of March, 2025. In this extended time, no new work will start. This time will be used only for finishing all pending work. Funds for all these ongoing works are expected to be released till September by the central government on a first come first serve basis, reports mentioned.

Haryana CM Distributes Plot Allotment Letters to Over 15K Beneficiaries

In a move that will benefit the poor, Chief Minister Nayab Singh Saini said that he distributed plot allotment certificates to beneficiaries under the state housing scheme. In line with Prime minister Narendra Modi's vision to provide housing for every impoverished individual, the Haryana government launched the Mukhyamnatri Shehri Awas Yojana to fulfil the housing needs of poor families in the state.

The scheme was introduced with the objective of providing housing facilities to needy families in urban areas with an annual family income of up to Rs 1.80 lakh as per the Pariwar Pehchan Patra (PPP). Under this, needy applicants had applied for plots that will be alloted through draw of lots. Under this, the applicants would be allotted plots through the draw of lots.

Under the state scheme, 15,250 beneficiaries were given land plot allotment certificates on June 27, 2024, as per an official statement. During an event held at Maharshi Dayanand University in Rohtak, the chief minister handed out plot allotment letters to the beneficiaries on the spot. Similar programmes to distribute allotment letters were also held simultaneously at four other places – Yamunanagar, Palwal, Sirsa and Mahendragarh.

Pradhan Mantri Awas Yojana- Urban 2.0 to Be Launched Soon

The allocation for Pradhan Mantri Awas Yojana- Urban 2.0 (PMAY-U 2.0) is expected to be made in the Union Budget next month, mention



media reports. As per reports, over one crore houses will be constructed under PMAY-U 2.0 in urban areas.

Presently, modalities of the PMAY 2.0 are being decided. The union housing and urban affairs ministry is implementing learnings from the first phase of PMAY-U that will focus on better targeting of the scheme and ensure there is no delay in disbursement. Also, PMAY-U 2.0 is expected to have three categories — Economically Weaker Section (EWS), Low Income Group (LIG) and Middle Income Group (MIG), mentioned media reports. The PMAY-U was launched by PM Modi on June 25, 2015. The Union Cabinet of Modi 3.0 government, in its first meeting held on June 10, approved government assistance for the construction of three crore houses under the PMAY.

According to a statement by the ministry, of the 1.14 crore houses that have been grounded for construction, over 84 lakh houses have already been completed and delivered to the beneficiaries. As on date, out of the committed central assistance of Rs 2 lakh crore, Rs 1.64 lakh crore has been released, the statement said.

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Brigade Group Launches New Mixed-Use Development In Chennai

Real estate developer Brigade Group has announced the launch of Brigade Icon, a high-end mixed-use development in Chennai's Mount Road.



The company plans to invest over ₹ 8,000 crore in Chennai by 2030 to expand its presence across residential, office, retail, and hospitality sectors, totaling over 15 million square feet (msf). The gross development value (GDV) of the residential projects alone is estimated at over ₹ 13,000 crore.

Brigade Icon will feature a blend of residential, retail and office spaces, designed by the globally renowned architect SOG Design from Singapore. The residences will span 39 floors and include three-, four-, and five-bedroom apartments starting from 2,500 sqft, with a GDV of over ₹ 1,800 crore.

Brigade Group has already completed over 5 msf of residential, office, hospitality, and retail real estate in Chennai. Its flagship project, World Trade Center Chennai in Perungudi, OMR, is over 90% leased. The company has a pipeline of over 15 msf across all segments, with the residential sector comprising over 12 msf. In FY25, Brigade plans to launch over 3 msf of residential projects and about 1 msf of commercial development in Chennai.

OSH South India 2024: Exploring the Future of Workplace Safety with 200+ Brands and 4,000 Professionals

Informa Markets in India, India's leading B2B exhibition organiser, proudly announces the 9th edition of OSH South India, a dedicated event, aimed at promoting awareness of Occupational Safety and Health. The two-day expo will take place recently, at the Bengaluru International Exhibition Centre, Bengaluru, spotlighting emerging technologies and best practices in workplace safety and health. It will unite both national and international safety industry professionals from sectors such as construction, manufacturing, PPE, and other key domains. India's Personal Protective Equipment (PPE) Market, valued at USD 878.2 Million in 2024, is expected to reach USD 1,690.6 Million by 2033, growing at a CAGR of 6.59% during the forecast period. This growth underlines the increasing importance of safety measures across industries.

OSH South India 2024 will provide an environment for industry leaders, experts, and policymakers to discuss and showcase the latest innovations and solutions to critical challenges faced in the fields of workplace safety and health. Notable industries in Bangalore include IT and ITeS, textiles, heavy commercial vehicles, automobile and auto components, engineering, cement, banking and financial services, pharmaceuticals, agro and food processing, leather tanning, electronic hardware, and tourism will have a significant presence, highlighting the diverse industrial landscape of the region.

Uttar Pradesh Chief Minister Orders Lower Stamp Duty

Uttar Pradesh Chief Minister Yogi Adityanath has directed a reduction in stamp duty for rent agreements, aiming to stimulate the rental market and support affordable housing. This policy change, initiated by the CM, seeks to ease the financial burden on tenants and landlords, encouraging more formalized rental transactions. The directive comes as part of the state's broader strategy to revitalize the real estate sector and make housing more affordable. Currently, high stamp duty rates often deter people from registering rent agreements, leading to a significant number of informal and unregistered leases. By lowering these rates, the government intends to bring more rental agreements into the formal economy, enhancing legal protection for both parties involved.

This move is expected to provide economic relief to tenants, who typically bear the brunt of the stamp duty costs. With reduced expenses, renting becomes a more viable option, potentially increasing demand in the rental market. Landlords, on the other hand, may find it easier to attract and retain tenants, knowing that the cost of formalizing agreements is now lower. The reduction in stamp duty aligns with the state's efforts to create a more investor-friendly environment. By making it easier and cheaper to enter into legal rental agreements, the policy is likely to attract more investments in the residential real estate sector. This could lead to the development of more rental properties, further addressing the housing needs of the population.

Abhishek Bachchan Buys Six Flats In Mumbai's suburb

Bollywood star Abhishek Bachchan paid a subsidiary of real estate developer Oberoi Realty ₹0.15 billion for six flats in a posh residential development in the Borivali neighbourhood of Mumbai. At a cost of ₹31,498 per square foot, Bachchan purchased these 4,894-squarefoot flats on the 57th floor of the opulent Oberoi Sky City building from the company's affiliate,



Incline Realty. It's interesting to note that four of these flats have carpet areas of about 1,100 square feet apiece, while trio other two are each scattered across 252 square feet. All of these transactions were completed on May 28 and registered on May 29. Documents retrieved via Zapkey.com were shown.

High-net-worth individuals still consistently choose real estate as their investment of choice. Celebrities in Bollywood are acquiring homes on a regular basis, not just for their own use but also as profitable investments. Aishwarya Rai, Akshay Kumar, Abhishek Bachchan, Shahrukh Khan. Amitabh Bachchan, and Shilpa Shetty are among the Bollywood actors, producers, and directors who have made real estate investments.









Xperion Launches Noida's First EV Parking Apartments



Noida's first EV Parking ApartmentsExperion Developers, a subsidiary of Singapore-based Experion Holdings Pte Ltd, has introduced Noida's first EV Parking Apartments at its Experion Elements project. This initiative highlights Experion's commitment to sustainability and addresses the increasing demand for electric vehicle (EV) infrastructure.

The EV Parking Apartments feature advanced charging facilities, allowing residents to charge their EVs conveniently at home. This aligns with the global shift towards electric mobility and positions Experion as a leader in sustainable living. Experion Elements also incorporates performance glass for lower energy consumption and holds a GRIHA rating for sustainability. The project includes unique amenities such as an elevated walkway, grand cineplex, water cascade, pickleball court, bowling alley, kickboxing ring, and active pet parks.

Man Infraconstruction to Redevelop Artek Co-Operative Housing Society in BKC

Man Infraconstruction Limited (MICL) has announced a significant acquisition, taking on a prime redevelopment project in Mumbai's prestigious Bandra Kurla Complex (BKC). This move marks



Man Infraconstruction Limited

MICL's strategic entry into premium redevelopment projects in highly sought-after locations. The project involves the redevelopment of the Artek Co-operative Housing Society Limited located in the Kalanagar area within BKC. This redevelopment initiative is part of MICL's broader strategy to tap into the lucrative premium real estate market in Mumbai, leveraging the demand for high-quality residential spaces in key urban areas.

The redevelopment of the Artek Co-operative Housing Society is a significant milestone for MICL, positioning the company as a key player in Mumbai's premium real estate market. BKC is one of Mumbai's most prominent commercial and residential hubs, known for its high real estate values and demand for luxury living spaces. MICL's involvement in this project underscores its commitment to delivering high-end redevelopment projects in prime locations.

Indospace Leases Over 1.25 Lakh Sq. Ft Warehousing Space In Bengaluru

CJ Darcl Logistics Ltd. (CJ Darcl), a diversified multimodal logistics company, has leased over 1.25 lakh square feet of warehousing space in the Narasapura Industrial and Logistics Park of IndoSpace, for a period of 9 years. IndoSpace is India's largest developer of Grade A industrial and logistics real estate with 52 logistics parks spread across 58 million square feet delivered and under development across 11 cities.

A leading diversified logistics service provider in India, CJ Darcl offers multimodal capabilities and is a market leader in the full truckload (FTL) segment. The company has built an extensive pan-India network covering road/FTL, rail/multimodal, air cargo, and shipping/coastal transportation with a 'technology-first' approach. The Warehousing and Distribution (W&D) division of CJ Darcl, which has leased the space from IndoSpace offers, services such as shelf-life maintenance, product mixing, packaging, cross-docking, bar-code scanning, order-fulfilment and other ancillary services.

The IndoSpace Narasapura Industrial and Logistics Park is in a flourishing industrial area. Built on a plot spread across 64 acres, the park is strategically located just 54 kilometres from Bengaluru city centre. It is equipped with superior infrastructure, world-class amenities, and sustainable solutions, making it an ideal choice for businesses seeking to expand their operations in the region.

Indiabulls Real Estate Ltd Now Equinox India Developments Limited

Listed real estate developer Indiabulls Real Estate Limited has changed its name to Equinox India Developments Limited with effect recently, the company said in a regulatory filing. The



company said it has received approval by way of special resolution at the extra-ordinary general meeting of the company held on April 30, 2024 and upon receipt of fresh Certificate of Incorporation dated June 20, 2024, issued by the Registrar of Companies, Central Registration Centre, Manesar. The company said it shall be submitting requisite applications with the BSE Limited (BSE) and National Stock Exchange of India Limited (NSE), in terms of SEBI LODR Regulations, for effecting change of name and trading in the shares of the company in its new name with its new symbol. In May, Indiabulls Real Estate and Fama Real Estate, a whollyowned subsidiary, acquired Embassy Property Developments (EPDPL)'s residential development projects in Bengaluru and Chennai.

The company in RECENTLY, had posted widening of consolidated net loss at ₹1,038.65 crore for FY24- up from ₹608.38 crore in 2022-23. The total income of the company fell to ₹468 crore in FY24 down from ₹648 crore in FY23. Indiabulls Real Estate said in April that it had acquired 100% stake in Sky Forest Projects Pvt Ltd from Blackstone at an enterprise value of ₹647 crore.





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India's Second Longest Expressway to Be Built over 500 Km of Desert Terrain

With the longest expressway project, the 1386-km Delhi-Mumbai expressway, set to become operational, the country will also have its second-longest expressway connecting two cities separated by 500 kilometre of desert. The unique aspect of this expressway is that it will pass through desert terrain. The National Highways Authority of India (NHAI) plans to complete the Amritsar – Jamnagar expressway by December 2025.

Once operational, travel time between the two commercial cities – Amritsar and Jamnagar – will be reduced to half, significantly reducing travel costs. The expressway will start from Amritsar in Punjab and connect up to Jamnagar in Gujarat, covering 1,316 km in total. A significant portion of the expressway has already been completed. The expressway will cover hundreds of kilometres of desert across Rajasthan and Haryana. Besides enhancing connectivity, the expressway will steer industrial growth and attract businesses. It will link industrial hubs around Amritsar with those in Gujarat, thus bolstering economic activities. Nearly 500 kilometres of the expressway's route will pass through Rajasthan, a significant portion of which will cross sandy terrain.

The current distance from Amritsar to Jamnagar is 1,516 km, which takes about 26 hours to cover. Once operational, the new expressway will reduce the distance by 216 km and the travel time will be reduced by half to just 13 hours. This is because of the increase in the speed of vehicles, which will be 100 kmph along the expressway.

7,160 Projects Worth Rs 1.4 Trn Completed Under Smart Cities Mission: MoHUA

As many as 7,160 projects worth ₹ 1.43 trillion under Smart Cities Mission have been completed so far, the Ministry of Housing and Urban Affairs said on Tuesday, while another 854 projects worth ₹ 20,392 crore are in advanced stages of completion. The centre has released ₹ 46,387 crore to 100 cities and 93 per cent of released funds have been utilised, the ministry said. Smart Cities Mission was launched by PM Narendra Modi on June 25, 2015. The main objective of the mission is to promote cities that provide core infrastructure, clean and sustainable environment and give a decent quality of life to their citizens through the application of 'smart solutions. Among key achievements under Smart Cities Mission, there is operation Integrated Command and Control Centres (ICCC), the installation of 76,000 CCTV across 100 cities, the installation of 1,884 emergency call boxes, and 3,000 public address systems.

Under the smart cities mission, more than 50 lakh Solar/LED streetlights have been installed and over 89,000 kms of underground electricity cabling constructed. Under the mission, there has been the development of 12,300 kms of smart roads and 2500+ km of cycle tracks, alongside the Intelligent Transport Management System (ITMS), which has streamlined traffic operations and journey times. Moreover, 44,054 Dwelling Units have been constructed so far and 6,312 rooms built in community housing projects like Rain Basera, Hostel (noneducational), night shelters, etc. As per the ministry, more than 1,300 parks, green spaces and lakefront/riverfront promenades developed/ being developed.

Oberoi Realty buys 14.8-acre Land Parcel Worth Rs 597 cr in Gurgaon

Real estate developer Oberoi Realty has entered the National Capital Region (NCR) market by acquiring a 14.81-acre land parcel in Gurgaon for ₹ 597 crore. According to



CRE Matrix, a real estate data analytics firm, this land is situated in Sector 58, near the Southern Peripheral Road (SPR). Oberoi Realty paid a stamp duty of ₹ 33.77 crore for this transaction. The acquisition occurred in November 2023, with the sale deed executed on recently.

The land was purchased from a consortium, including Delhi NCR-based developer Ireo Residences and other firms. The payment for the land will be made through event and time milestones. The agreement also includes providing a portion of the project area to the existing owners and other stakeholders.

Oberoi Realty plans to develop a luxury residential group housing project on this site, marking its first project outside Mumbai. The company's entitlement in this project is expected to be around 2.6 million square foot (msf) of floor area ratio. Traditionally focused on Mumbai, Oberoi Realty is currently developing over 10 million square feet of projects in the Mumbai Metropolitan Region (MMR), having already completed 10 million square feet, primarily in the western suburbs. Additionally, Oberoi Realty is launching projects in Thane, including the Forestville development in Kolshet and a project on Glaxo Pharma land in Vasant Vihar.

PM Inaugurates 84 Development Projects Worth ₹ 1,500 Cr in J&K

Prime Minister Narendra Modi inaugurated and laid the foundation for 84 major developmental projects worth over ₹ 1,500 crore in Kashmir. These projects include road infrastructure, water supply schemes, higher education facilities, improvement of the Chenani-Patnitop-Nashri Section, development of industrial estates, and construction of six government degree colleges.

Highlighting Kashmir's progress, Modi mentioned significant advancements in rail connectivity, education, health infrastructure, electricity, and water. He noted that thousands of kilometers of roads have been built under the Pradhan Mantri Gramin Sadak Yojna, and new highways and expressways are underway, including railways. The Chenab railway bridge was particularly highlighted as a source of pride. The Gurez Valley has also gained access to grid connectivity for the first time.

Modi emphasized that Kashmir is now filled with opportunities across various fields such as agriculture, horticulture, sports, and start-ups. He acknowledged the valley's development over the last decade, recognizing its emergence as a hub for start-ups, skill development, and sports.

Waaree Energies to Supply Solar Modules for 412.5 MW Project in Rajasthan

Waaree Energies Limited, India's largest manufacturer of solar PV modules with the largest aggregate installed capacity of 12 GW, as of



June 30, 2023 (Source: CRISIL Report), has been awarded a major contract by ACCIONA Energy's subsidiary Juna Renewable Energy Private Limited, to supply its bifacial solar modules for the 412.5 MWp/335 MW AC project in Rajasthan. The date of commissioning of the said project is in March 2025. The project, located in Kawani village, Bikaner district, is a utility-scale solar plant that will deploy Waaree's P-type bifacial modules with a capacity of 540-545 Wp each. These modules will be installed on horizontal single-axis trackers, which are expected to maximize energy yield through enhanced light absorption and tracking capabilities.

The Juna Renewable Energy Private Limited's project is a step towards India's ambitious renewable energy goals and is expected to contribute to the nation's efforts to transition towards a sustainable and low-carbon future. The plant is expected to generate clean electricity, offsetting substantial amounts of carbon emissions and promoting environmental sustainability in the region.

Uttar Pradesh to Start Solar Rooftop Projects

The Uttar Pradesh government has decided to develop solar rooftop projects on government and semi- government buildings and offices in the state as part of its new renewable energy initiative. The department of New and Renewable Energy Development Agency? (NEDA), the nodal body, has already invited online bids from prospective bidders for designing, manufacturing, supply, erecting, testing, and commissioning of 25-2,000 kw grid-connected solar PV projects on government buildings and offices.

The selected contractors will also be responsible for maintaining and operating the rooftop solar projects for 25 years. According to the government spokesman, 'NEDA has also invited a pre bid conference on October 10 to take note of suggestions that the prospective bidders may have to make.'

The rooftop systems will be implemented as per the Uttar Pradesh Electricity Regulatory Authority (UPERC) RSPB' Regulations, 2019, and its amendments. A rooftop solar PV essentially refers to the grid-interactive solar photovoltaic power system installed on the rooftops of consumer premises that uses sunlight for direct conversion into electricity through photo-voltaic technology.

Under the RESCO model, bidders intend to take a rooftop owned by some other entity on mutually agreed terms and conditions, including a lease agreement, from the rooftop owner(s) and enter into the PPA with the rooftop owner for the supply of solar power for 25 years. As per such agreements, the rooftop owners do not have to make any upfront payment.

Shree Cement Achieves 1 GW Power Capacity with New Solar Plant

A 19.5 MW solar power plantShree Cement Ltd has reached a significant milestone of 1 GW (1,000 MW) of installed power



capacity. This was achieved with the commissioning of a 19.5 MW solar power plant at its manufacturing unit in Andhra Pradesh. The 1 GW capacity includes a mix of solar, wind, thermal, and waste heat recovery power plants, demonstrating Shree Cement's diversified approach to meeting its electricity needs. The company has invested

4,000 crore to expand its renewable energy portfolio, which now accounts for nearly 50% of its power capacity at 499 MW. Notably, Shree Cement's 244 MW waste heat recovery capacity is among the highest in the global cement industry.

Looking ahead, Shree Cement plans to invest ₹ 1,000 crore in FY25 to install additional renewable energy capacity. This will include 132 MW of solar capacity across five states (Jharkhand, Haryana, Rajasthan, Uttar Pradesh, and Uttarakhand), 36 MW of wind generation in Rajasthan, and 34 MW of waste heat recovery capacity in Karnataka and Rajasthan.

Over 200 Homes Electrify Solar Rooftop Plan in Mumbai Metropolitan Region

MSEDCL has received response from 239 residential consumers, including individual and housing societies, who have opted for solar rooftops in Mumbai metropolitan region by getting up to 40% subsidy from Ministry of New & Renewable Energy. These solar rooftops have come up in parts of Mumbai, Thane and Navi Mumbai, an official said recently.

MSEDCL managing director Vijay Singhal has now directed 243 empanelled agencies for rooftop solar to expedite applications for new installations and make the process easy. The power utility is now targeting a monthly growth of 100MW to 150 MW solar energy in the grid. The installed capacity of rooftop solar across Maharashtra has crossed 1,000 MW and the total number of consumers for rooftop solar installation across Maharashtra was close to 58,000, sources said.

An official said that applications received by MSEDCL, including those from the national portal, for solar rooftops included 106 consumers who opted for solar photovoltaic panels of above 3KWp while 133 opted for solar panels up to 3 Kip. Singhal has appealed to power consumers to take benefit of the subsidy scheme. "The subsidy, which is up to 40%, is applicable to all domestic consumers," he said.

As per the scheme, domestic consumers who opt for a photovoltaic solar panel for lkWp to 3kWp on rooftop can get 40% subsidy on overall costs. For those installing above 3kWp to 10 kWp, the Central government subsidy is 20% while for lkWp to 500 kWp for housing society and resident welfare associations, there is a 20% subsidy of the project cost.

The Green Gable House Indore, Madhya Pradesh

The green gable is a 700-square-meter weekend home for a family on the outskirts of Indore. All spaces of the house are accommodated under a single-linear gable roof. The Terracotta block jail wall on the face of the building creates a sense of inquisitiveness.



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The Green Gable started small, as a "one-bedroom shelter" on an eight-acre property on the outskirts of Indore. This was to be a "outhouse" a weekend home for an affluent, gregarious family who loved hosting and also needed to recharge periodically from urban burnout.

But once construction commenced, their vision for a sanctuary unfurled its wings to encompass several additional spaces such as a second bedroom, a swimming pool, and decks that would allow the family to commune with nature. "The caveat was that these incorporations had to be stitched to the structural system that was already erected," says Saumil Nagar of Indore-based Atelier X Architects who were commissioned this project.

Before we get on with the home tour, however, a quick

word about the site itself. The piece of land, which is primarily used for farming, is fringed by large trees on all sides. Along the east and south boundaries lies a deep water channel that inundates seasonally.

The challenge in this project, the architect tell us, was to counter this annual flooding. To this end, soft, minimuminvasive techniques such as dykes and trenches were adapted to direct the overflow around the building, and, in the process, recharge groundwater levels as well.

"This also opened up the possibility of keeping the farmland cattle out without constructing a compound wall," points out Saumil. Dense tropical plantation, sprawled across almost an acre, also acts as an interface between the farmland and the home.









This, with the evaporative cooling from the several water bodies created around the structure, has impacted the microclimate positively, and transformed the oncebarren land into an oasis of rich biodiversity—something that makes Saumil feel particularly "content with the project."

Architecturally, the 7,000-square-foot weekend home is formalised as a light-looking, much-glazed, metal-framed structure that sits gently within its surroundings. All spaces—two bedrooms and an open living-dining kitchen space—are accommodated under a single-linear gable roof. Generous outdoor decks at multiple levels allow the family to absorb the view of the landscape around the property.

The building's materiality and aesthetics were a function of minimal intervention, speedy construction, and an emphasis on the landscape over the built structure, Saumil elucidates. "We opted for a fabricated superstructure to accentuate the delicacy of the linear roof. Using RCC for such expansive spans requires large structural member sizes, which would take away from the project's openness."

Locating the building on the southeast corner of the

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property, under the cool shade of a Gulmohar grove, allowed the extensive use of glass on the north façade and the opening up of space to the outdoors without any heat gain. "As a conceptual obligation and for spatial coherence, the larger part of the martial palette remains constant throughout the project," states the architect. "A conscious effort has been made to present the same materials in alternative ways across spaces. Exposed concrete, Terracotta blocks, Neeru plastered walls, and green turquoise-coated metal are the primary materials used in the project."

The Green Gable is a weekend home that allows contemplation of nature. In the true sense, it offers a green pick-me-up to much-frayed nerves battling city blues.

Fact File

| Project Name | : | The Green Gable House |
|--------------------------|---|-----------------------------|
| Project Location | : | Indore, Madhya Pradesh |
| Architecture | : | Atelier Architects |
| Built Area | : | 700 m ² |
| Year | : | 2022 |
| Building Function | : | House |
| Project Architect | : | Pranav Kumar, Saumil Mevada |
| Design And Project | : | Saumil Nagar, Prakhar Patle |
| Management | | |
| Photographer | : | Yadneysh Joshi |



INTERNATIONAL ARCHITECTURE

A Breath of Fresh Air AEAJ Green Terrace, Shibuya, Japan

An overall shape that looks like a tree was assembled using small section pieces (105mm×105mm) of Japanese cypress based on the theme of the aroma of wood and enclosing it inside a glass box. This glass box is filled with the aroma of wood, creating space where you can experience the fragrance throughout the facility.



Fact File

- Project Name :
- AEAJ Green Terrace

Location :

- Shibuya, Japan
- **Building Function:**
- Institutional Buildings

Architects:

• Kengo Kuma & Associates

Design Team::

 Minoru Yokoo, Yutaro Ota, Nanako Adachi, Yohei Mochizuki, Fumiya Kaneko, Yoo Shiho, Kyoko Mase

Area:

• 491 m²

Year:

- 2023
- Photographs :
- Masaki Hamada (kkpo)



The main structure consists of a steel frame, but the dimensions of the steel members were reduced so that they were close to the small sections of the wood members in an attempt to blend in with the unique, delicate feeling of particles.

The terrace, with a structure like a balancing toy, has an open panoramic view of the Jingumae woods. One of the focal points of the design process consisted of combining small wood particles to create a structure with an ambiguous profile similar to an arts and crafts project in contrast to the Yoyogi National Gymnasium designed by KenzoTange, which can be seen across the railway tracks.

AEAJ Green Terrace is a sensory escape from the bustling city. The Aroma Environment Association of Japan opened this establishment in Harajuku, 2023 to promote the mental and physical health of visitors, as well as the preservation of the natural environment, through the wonders of aromatherapy.

Architecture at the Intersection of Tradition and Modernity

The AEAJ Green Terrace building was designed by word famous architect Kengo Kuma, who is responsible for many notable buildings around Tokyo, including the Japan National Stadium which hosted the Olympic and Paralympic Games Tokyo 2020.

Kuma's characteristic style is apparent at first glance. Behind three stories of floor-to-ceiling windows, you can see an interwoven skeleton of wooden beams. This method of construction dates back hundreds of years, to a traditional carpentry technique used to construct temples









and shrines. It requires carefully aligning and shaping lumber, barely using any nails or metal fittings.

Inside, a web of wooden beams extends across the ceiling and walls. These have been strategically placed to allow light to gently pass through them and fill the space, like sunlight piercing through a dense forest—evoking an effect known in Japanese as komorebi.

Sustainable Construction

AEAJ selected Kuma because his vision for sustainable construction aligned with their environmental values. Kuma chose lumber harvested by thinning, a sustainable forestry method that selects younger trees, leaving more nutrients for stronger trees. In contrast to concrete, which is responsible for about 8% of carbon emissions worldwide, lumber absorbs enough carbon during its lifetime to offset emissions produced by transportation. They further reduced transportation emissions by sourcing trees from nearby prefectures.

The outside of the facility is decorated with reuse in mind. Recycled clay roof tiles, characteristic of Japanese architecture since the sixth century, are crushed and formed into the front walkway and recycled essential oil vials are crushed and reformed as art pieces which reflect sunlight in front of the building.



An aroma archive

Visiting the building itself is a sensory experience. The smell of Japanese cypress greets you upon walking in, and many more fragrances can be found within.

The Aroma Laboratory has up to 300 aromas from around the world, allowing you to sample scents from yuzu, one of Japan's popular citrus fruits, to saro, a plant used by herbalists in western Madagascar. The Aroma Lounge has a rotating selection of blends on display, each inspired by well-known literary works such as The Little Prince.

You can see blend recipes collected in AEAJ's periodical. Back issues are included in the Aroma Library, which contains a collection of 1,400 books in multiple languages on subjects such as aroma, plants, and the science behind them. Visit the third floor terrace for a view out towards Yoyogi Gymnasium, or relax in the Aroma Lounge area on the first floor with a cup of AEAJ's original botanical tea.

The Aroma Corridor highlights biodiversity, and is home to around 43 species of plants, some of which provide the raw materials for essential oils. AEAJ is a non-profit organization and does not sell essential oils, but you will find plenty of places to buy essential oils in the shopping streets of Harajuku, just a short walk away.





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Best Kitchen Cabinetry Design Ideas

If you prefer a bold and modern look, consider painting your cabinets in vibrant colours



When it comes to designing your kitchen cabinets, there are countless possibilities to explore. From hidden appliances to stained glass panels, these cabinetry design ideas will transform your kitchen into a functional and stylish space. From clever storage solutions or ways to add elegance to your kitchen, these ideas have got you covered.

- 1. *Hide away appliances:* Swap storage for hidden appliances with brass cabinet fronts and undercounter refrigerator drawers. This innovative design maximises space and creates a sleek look.
- 2. *Make cabinets work for you:* Customise each drawer's interior with pegs for tableware storage. This smart solution keeps your kitchen organised and makes it easy to find what you need.
- 3. *Tie in your hardware:* Use brass lattice cabinet fronts to match gilded hardware and fixtures. This coordinated look adds a touch of sophistication to your kitchen design.
- 4. *Play Tetris:* Utilise cabinet interiors efficiently by adjusting shelf heights to fit books and containers. This clever storage solution ensures that every inch of space is maximised.
- 5. **Avoid doors:** Opt for open pantry cabinets with baskets to keep everyday items within easy reach. This design not only adds convenience but also showcases your kitchen essentials.
- 6. Stained glass panels: Bring elegance to your kitchen

with cabinetry featuring stained glass. This timeless design element adds a touch of artistry and visual interest to your space.

 Dark stained wood: Create a warm and timeless look with dark stained wood cabinets. This classic choice adds depth and character to your kitchen, complementing various styles and colour schemes. Top Kitchen Cabinet Materials for Indian Homes

In Indian homes, the choice of kitchen cabinet materials plays a crucial role in creating functional and stylish spaces. From durable countertops to smart storage solutions, here are the top 7 materials that are perfect for Indian kitchens:

- Quartz Stone Countertops: Quartz stone countertops are an excellent choice for Indian kitchens due to their durability and low-maintenance nature. They are resistant to stains, scratches, and heat, making them perfect for daily cooking activities.
- 2. **Queen Size Hide Away Bed:** For smaller homes or apartments where space is limited, a queen-size hideaway bed is a smart solution. It offers a comfortable sleeping space while allowing you to free up valuable floor area during the day.
- 3. *Metal Wall Art for Office:* Adding metal wall art to your office space can instantly transform it into a modern and artistic environment. It creates a focal point and adds visual interest to the walls.
- 4. **Breakfast room rug:** Enhance the comfort and aesthetics of your breakfast room with a beautiful rug. A breakfast room rug not only adds warmth to the space but also helps to define the dining area.
- 5. **Baby gift closet basket:** Organise baby gifts and essentials with a dedicated closet basket. This practical storage solution keeps everything neatly arranged and within easy reach, making it convenient for parents.
- 6. **Shelves around sliding glass doors:** Make the most of the space around sliding glass doors by installing shelves. These shelves provide additional storage for items like books, plants, or decorative pieces.
- 7. Thick mug: Enjoy your favourite hot beverage in a

stylish and durable thick mug. Thick mugs not only keep your drink hot for longer but also add a touch of elegance to your kitchen.

Kitchen Cabinet Design: Classic White

When it comes to timeless elegance and versatility, classic white kitchen cabinets are a top choice. Their clean and neutral appearance makes them a perfect fit for any kitchen style, whether it's modern, traditional, or transitional.

One of the advantages of classic white cabinets is their ability to make small spaces appear larger and more open. The light colour reflects natural and artificial light, creating a bright and airy atmosphere. This makes them particularly well-suited for compact kitchens that may lack abundant natural light.

To create a warm and inviting ambiance, pair classic white cabinets with wooden countertops. The combination of white and wood adds a touch of natural beauty and warmth to the kitchen. Whether you choose light or dark wood, it will beautifully complement the white cabinets and create a cosy atmosphere.

If you prefer a touch of luxury and sophistication, opt for sleek marble countertops. The combination of classic white cabinets and marble countertops creates a timeless and elegant look that exudes luxury. The smooth surface and intricate patterns of marble add visual interest and glamour to the kitchen, elevating its overall aesthetic.

Kitchen cabinet design: Bold colour

If you're looking to make a statement in your kitchen, bold colour kitchen cabinets are the way to go. By painting your cabinets in vibrant shades like yellow or green, you can create a bold and modern look that adds a pop of personality to your space.

One of the great advantages of bold colour kitchen cabinets is the ability to mix and match complementary shades. This allows you to create a unique and personalised kitchen design that reflects your individual style. For example, you can pair green cabinets with a yellow accent wall or vice versa, creating a dynamic and eye-catching colour scheme.

When opting for bold colour cabinets, it's important to consider the overall aesthetic of your kitchen. Make sure the colour you choose complements other elements such as countertops, backsplash, and flooring. For example, pairing yellow cabinets with white marble countertops can create a bright and cheerful ambiance, while green cabinets with dark wood countertops can bring a sense of depth and richness to the space. Another factor to consider is the lighting in your kitchen. Bold colours tend to stand out more in well-lit spaces, so make sure you have adequate lighting to showcase your vibrant cabinets.

Kitchen cabinet design: Simple

A simple kitchen cabinet design can be the perfect choice for those looking for a sleek and clutter-free look in their kitchen. With streamlined and handle-less designs, these cabinets create a minimalist and modern aesthetic that suits various kitchen styles.

One of the advantages of a simple kitchen cabinet design is its ability to make small kitchens appear larger. By eliminating unnecessary hardware and using clean lines, these cabinets create an illusion of spaciousness, making your kitchen feel more open and inviting.

Not only are simple kitchen cabinets visually appealing, but they are also cost-effective. With their minimalist design, the focus is on functionality and practicality. This not only reduces the overall cost of materials and installation but also allows for easy maintenance and cleaning.



Rooftop Garden Design Ideas: Tips To Set Up And Maintain A Roof Top Garden

Here are some design ideas to set up a rooftop garden, to transform the roof into a relaxing outdoor space and also enjoy organic fresh produce



With scarcity of green space in urban areas, rooftop gardens have become a new trend. With some easy tips, you can transform your roof into a relaxing outdoor space and enjoy organic fresh produce. So, here are a few design ideas to set-up a rooftop garden.

What Is A Rooftop Garden?

A rooftop garden or roof garden is a landscaped, green space on the top floor of a residential or commercial building. Rooftop gardens are mostly found in urban areas and are used to grow vegetables, fruits and provide a play space or relaxing green area. The designs include paving, decking, seating, flower beds, or raised planters, cultivated gardens or urban farms.

A large number of green roofs can be found on the top of buildings across many cities in the world. The green roof vegetation can be of two types – extensive and intensive. Extensive vegetation means herbs, small plants and shrubs, while intensive vegetation includes heavy shrubs and small trees on a rooftop.

Roof Top Garden Benefits

There are many benefits of a rooftop garden. It helps in recreation and relaxation. Plants and trees have a soothing impact on one's mind. One can grow fruits and vegetables on a rooftop as such farming is gaining momentum among those who prefer organic products. Rooftop gardens help in urban farming. Further, plants are the best air filters to convert carbon dioxide into oxygen. Green roofs can also help in reducing air pollution. The rooftop gardens can also moderate noise. Both, plants and soil, absorb, reflect and deflect sound waves and can reduce noise pollution to a certain extent. Rooftop gardens can make full use of rainwater harvesting. Rooftop gardens provide shade and can cool the roof surface. Climate scientists have suggested that rooftop gardens can help ease severe heat conditions in cities. In winters, the green roof can minimise heat loss through added insulation on the roof.

Things To Consider When Setting Up A Rooftop Garden

Check The Load Capacity: Check the rooftop load capacity before setting up a roof garden. Soil and pots are heavy and will get heavier when plants grow.

Waterproof the roof and ensure it has a good drainage system and slope: Before planning a rooftop garden, ensure the roof is waterproof with no leakage. Apply some coverage techniques or chemical waterproofing solutions by consulting an expert. This will help solve seepage of water into walls or roofs, which can cause dampness or other damages.

Proper drainage of planters is vital for their growth. It is recommended to place them on brick stands. A mosaic of broken China tiles can also give protection against seepage. The best way to create a slope is to install concrete bedding to divert water towards drains. Ensure good drainage system during heavy rainfall.

Windbreaks on Rooftop Gardens: If an area is windy, set up windbreaks around the plants to prevent them from getting uprooted and destroyed. A trellis or a perimeter wall can help block heavy gusts and anchor your plants in soil. Glasses can also be used as a balustrade and wind buffer on a rooftop garden as it aids in an uninterrupted view.

Rooftop Garden Safety: Safety is paramount in any rooftop garden idea. So, avoid hanging anything over the edges, or placing pots on ledges, unless it is firmly secure. Always barricade the edges of a roof garden. The floor surface of any rooftop gardens should be non-slippery.



Rooftop Garden Design

Setting up a green outdoor space on a rooftop needs proper planning. Choose a layout for the rooftop garden and select the type of plants to be grown on it. Some plants need more sunlight, while some need shade. While selecting plants for the rooftop garden, consider the weather conditions on your roof and choose plants accordingly.

Try to understand if those plants can grow on a roof, then finalise its layout. Always choose a diverse set of plants. Design the garden with herbs, shrubs, creepers, and climbers, be it small-sized, large-sized, flowering, or nonflowering.

If the plantation is to be directly done on the terrace, it is advisable to install drainage cells (polyethylene tiles that act as a permanent non-clogging gap between the concrete slab and soil). Get a geotextile membrane before putting soil.

Avoid placing pots at the roof centre and do not add too many. Fixing pots on surrounding walls or placing them on shelves will help as walls will sustain their weight and not the roof.

Go for raised beds for plantation to avoid leakage issues. Decorate the rooftop garden with lights, fountains, statues and opt for aesthetic arrangements with colourful plant containers.

Rooftop Vegetable Garden Using Urban Farming

Home-grown vegetables taste delicious, are good for your health and are free from chemicals. Begin with a few easy-to-grow plants, suWWch as perennial fruit trees and leafy greens. Herbs, such as sweet basil, tulsi, mint, mustard, sesame and fennel, are ideally interspersed with vegetables in the bed.

Try to grow plants, as per the weather conditions of the area and those that require low maintenance. You can grow radish, spinach fenugreek, tomatoes, curry leaves, coriander, green chilies, cucumber, bitter gourd, bottle gourd, mango, banana, custard apple, pomegranate, pineapple, papaya, cabbage, okra, among others.

Flowers On The Rooftop Garden

Flowers have a soothing effect and lift your mood with their colours and fragrance. You can grow hibiscus, frangipani, marigold, periwinkle, rose, etc., which will add colour to the rooftop garden. You can grow flowers in garden boxes and hang them along the railings.

Nurture flowers on the rooftop garden to attract native bees and other beneficial insects. Flowers such as bougainvillea, jasmine, gardenia, clematis, rangoon creeper, hibiscus, rose, oleander, and plumerias can be grown in planters. To attract butterflies, grow plants like clitoria, parijat, adenium, lantana vincas, and honeysuckle.

Soil And Compost For Rooftop Garden Planters

Soil is an important factor while planning a rooftop garden and for healthy growth of plants. A perfect mix of vermicompost and sand in regular soil, in equal proportion make the soil fertile. Soil nutrition and organic composting is the only way to nurture plants.

All the wet waste from kitchens like vegetables, fruit peels, eggshells, etc., can be turned into compost by adding a carbon source in the form of dry leaves, sawdust, etc. Addition of microbes to this mixture starts the composting process and breaks down the waste into rich black compost in a few weeks. So, the best way is to use kitchen wastes and make compost.



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Vastu Tips For Positive Energy In Home: How To Create Positive Energy In Your Home?

The energy flow in a house is greatly influenced by its construction and the décor in the house. We look at some simple ways in which home owners can increase the positive energy in their homes



Each one of us desires to live in a home that is comfortable, calming and rejuvenates us. It is important to understand that the energy within a house, affects the people who occupy it. "One's environment helps in building a foundation for a healthier mind and body and Vastu Shastra offers ways to create a healthier life," says Nitien Parmar of Vastu Plus. "If followed correctly, Vastu Shastra can help the home's residents to become physically and mentally healthy," Parmar adds. Here's how to attract positive energy at home:

One of the simple Vastu tips for bringing positive energy in the home is allowing sunlight and fresh air inside the house and placing wind chimes or bells near the main entrance.

Vastu Tips For Positive Energy In Home: Décor Ideas

- Fresh air and sunlight aids positive energy at home. So, ensure that you keep the home's windows open, for some time in the morning.
- According to Vastu principles, there should not be any dark corners at home. If any space does not have sufficient natural sunlight, ensure it has adequate artificial light. Switching on light at the appropriate time of day, can make the room appear brighter and more positive.
- Aquariums are akin to moving water and it is auspicious, when placed towards the north-east.

- Avoid having a tree, pole or pillar facing the main door. It is called a dwar vedh (door obstacle). Similarly, avoid having dead plants near the door.
- Keep the bathroom door closed. Always keep toilet lid down, when not in use. Ensure that there are no leaking taps at home. Use pleasant fresheners in the bathroom.
- Do not keep medicines in the kitchen.
- Switch off all electronic and Wi-Fi systems, while taking rest.
- Play soothing divine music or chanting of mantras at home, for some time in the morning.
- Ensure that the furniture edges are not sharp. Avoid excessive use of red, black and grey in the home's décor.
- Avoid having split levels in the floor.
- Pictures at home should always be positive. Avoid photos depicting war, loneliness, poverty, etc. To generate positive energy, display pictures of nature.
- For a calming effect at home, light a diya, camphor or add soothing fragrance like sandalwood. Essential oils clear negative energy and enhance the positivity at home, with its lingering fragrance. Citronella and cinnamon are good for purifying the home.
- Burning a few bay leaves in a pot, cleanses out negative and harmful energy from the house.
- Do not keep trash at the entrance of your house.
- Avoid using broken cutlery.
- Dispose all those items that you haven't been using for a long time.
- A puja room shouldn't be made under the stairs or in the bedroom.
- Hang wind chimes or bells near the main entrance. According to Vastu Shastra, the sound of soothing music attracts prosperity and wealth at home. So, listen to shlokas, mantras and soothing flute sounds, for a few minutes daily.
- · Consider having an indoor garden, where you can sit

and soak in the fresh energy every morning. You can opt for bamboo plant or flowering plants or even a money plant, to start with.

- Avoid painting your main entrance door in black colour. Instead, opt for dark brown shades. The main door should open in a clockwise direction.
- Place all electronic appliances in the living room in the south-east direction.
- Hang paintings of a waterfall, a goldfish or a flowing river, according to Vastu, bring good luck and wealth. If you are looking for overseas career opportunities, place a painting of foreign currency, flying birds, racing bikes and cars. A peacock feather removes all types of negative energy, overcomes Vastu defects and brings positivity to your home. Keep it in the south-east, to attract wealth. Place a Ganesha statue and peacock feathers at the main entrance of the house, for happiness.
- Laughing Buddha helps in removing negative aura from the home. According to Vastu, place the laughing Buddha statue in the east direction, if the main door of the house faces east. If the entrance faces the northeast, then, place it in the north-west direction.
- One of the vastu tips for positive energy at home is placing, wooden tortoises in the east or south-east corner.

How to bring positive energy at home?

• How to increase positive energy in home? Declutter the house

One can positive energy into a house, by decluttering and cleaning the space. Clutter creates stagnant energy and impedes the flow of positive energy. Avoid keeping chipped, cracked or broken things. Clean the cupboards and drawers and clear things that are no longer in use. If one has a bed box, clear out the space regularly and keep it organised.

Keep the house clean and ensure that there are no cobwebs. Add few spoons of sea-salt to the water and mop the floor with it. It is believed that mopping the house with salt water, will reduce the effects of negative vibrations.

• How to increase positive energy in home? Keep the windows open

Nature is the biggest gift as it heals us of all our problems including stress. A home with positive energy is a big stress buster and this can be done easily by simply keeping the windows of your house open. Let there be cross ventilation and the house get some clean fresh air.

• How to increase positive energy in home? Paint your house

Colours are magical and a fresh coat of paint in your house can do magic in driving away the negative energy in the house and ushering in positive energy. It is recommended to paint your house according to the colours of Vastu to get increased positive energy in your home.

Bring positive energy in home: Main door Vastu

Here are some tips on how to create positive energy in home by applying Vastu rules for the main door.

Vastu principles improve a living space, according to the principles of harmony and energy flow. The main door of a house is the entry point for energy. "A door that opens outward pushes energy away from home. So, have the main door opening clockwise. Opportunities may be limited, if the door does not open fully. Ensure that the lobby near the main door is not dark. Good lighting stimulates positive flow of energy and promotes balance and harmony within the premise.

Every house should have a threshold (umbra) on the floor, at door frame. It protects the house from external negative influences," adds Parmar. Ensure that the home's entryway is neat and tidy. Do not place shoe racks at the entrance, as the main entrance is the doorway to prosperity and positivity. A pot filled with water and flower petals, kept near the main door, is good as per Vastu. Water is a bad conductor of negative energy and thus, helps in creating a positive ambiance.

Attract positive energy in home with these Vastu remedies for common defects

- Place small portions of uncrushed sea salt, to absorb all the negative energy from the home. Also, you could mix a pinch of sea salt in the water that you use, to clean the floor.
- If you feel like your work is getting stuck or things are not happening as per your plan, keep two camphor balls or cubes at home and replace them when they shrivel up.
- If you suspect Vastu dosh, use wind chimes with six or eight hollow rods, as this enhances good energies.



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Smart Homes: Things You Should Know Before Investing

Buyers are often misled, when it comes to purchasing smart homes. We look at the factors that make a home a smart home



Once used as a futuristic term, 'smart homes' are now quite common in India's real estate market. A number of residential projects now boast of amenities, where you can regulate all appliances with a single remote, use smart plugs to set timers for water geysers and regulate lighting with the help of your smartphone app.

However, owing to the limited availability of information and lack of knowledge, buyers and investors are often misled, when it comes to smart homes and home automation. Home buyers should understand the factors that make their home a smart home and whether it is okay to pay a premium, for things that they may or may not use.

What Is A Smart Home?

A smart home is a house that has devices, which are connected to the internet, to enable remote management and monitoring of appliances and systems such as lighting, heating, etc. Often referred to as home automation, smart homes provide home owners with a sense of security, comfort, energy-efficiency and convenience at the same time, by providing them access to control the smart devices installed in their home, through a smart home app or other networked devices.

Usually, smart home automation systems, which are a part of Internet of Things (IoT), share consumer usage data among themselves, to operate together and automate actions based on the preferences of the home owner.

How does smart home automation work?

A smart home is all about connected appliances. Devices are connected to the Wi-Fi network, which makes it easier to control. There is a software enabled in all these devices that records the user's preferences and tracks habits. For example, a speaker that tracks the kind of music you like, or a smart mattress that can adjust to your back, or smart mirrors can point out health problems and sensors in toilets that can check for potential health problems by scanning waste before flushing.

Some of the common appliances that use home automation, include lighting, home security, home theatres and entertainment and thermostat regulation.

Pros and cons of home automation

Pros

- S m a r t h o m e s a n d h o m e automation provides peace of mind to the owner, as it enables them to manage their homes from remote locations.
- Smart homes can accommodate user preferences and habits.
- ⁿ Smart homes also improve home

efficiency. For example, your garden can be watered on time, your home can be cooled by the time you will arrive from work, etc.

Cons

- Home automation can be complex to manage, especially for people who are not tech-savvy.
- For home automation to be effective, devices and appliances must be interoperable, regardless of its brand and manufacturing company. There is no such standard in the market yet.
- Data security and privacy are major challenges. If hackers are able to break into the smart device, it will be easier for them to access your personal information or make your home prone to burglary.

Future of smart home automation in India

According to Statista, the Indian smart home market is expected to touch USD six billion by 2024. Globally, this number is expected to reach USD 60. billion by 2024. To cash-in on this d e m a n d, several appliance manufacturers have launched their range of smart devices in the Indian market. For example, in February, Panasonic launched a range of smart appliances for the Indian market. However, the Coronavirus pandemic is likely to slow down the growth of this market.



Smart home automation features in India

If you are planning to invest in smart home projects, here are some of the amenities that you can look forward to, in your digitised home:

Smart showers, geysers and switches in the bathroom and toilets that can assess urine and stool samples to monitor the user's health.

- Bedrooms with smart airconditioners (ACs), curtains, plugs, ceiling fans and smart lockers, etc. Here, your AC and fan can work insync, to keep the temperature ideal for comfortable sleep.
- ⁿ Smart sensors on the rooftops for

overhead tanks, which can send updates on water levels, etc.

- Kitchens with smart refrigerators, washing machines, toasters, soap dispensers, smoke alarms, etc.
 Exhausts can start working, on sensing fumes in the kitchen.
- Front door with a camera connected to the internet, where ringing the doorbell will show who is at the door through a smartphone or video screen.
- Drawing room to have smart TVs, tube lights, lamps, air purifiers and speakers with IoT sensors that can be switched on and off with voice commands, or sensors that react to the presence of people.



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How To Check The Construction Quality Of A House?

We suggest ways in which a property seeker can check the construction quality, before buying a property of one's choice



For 90% people, who buy an already constructed home, ascertaining the construction quality always remains a challenge. Whether it is a big-scale residential project or a duplex or an independent floor, it is really difficult for a home owner to gauge the quality of building materials used. Nevertheless, there are some methods that property owners can apply, to make sure that one is not being cheated in the name of branded sanitary ware, high-quality beams and columns and best water pipes and electricity wiring.

Investigating The Soil Quality

When you go on a site visit, try to notice the quality and type of soil on which the building is built. You can ask the contractor or the agent, to understand the exact nature of the soil. The quality of soil can differ from place to place. It is an important element that determines the strength of the foundation. Remember that clay-rich soil and black cotton soil are not recommended for high-rise constructions.

According to experts, such soils tend to swell and shrink, depending upon the level of moisture and water. Property

buyers can also ask for a copy of the soil test that is conducted before the construction is initiated.

Assess The Structural Design

A person who is not familiar with design techniques, would find it difficult to understand the structural nitty-gritties. Hence, you can hire an expert to determine the design and structural strength of the building. Property owners are often advised to assess construction quality in terms of its earthquake-resistance, firefighting arrangements and the availability of emergency exits.

Check The Thickness Of The Walls

The developer is required to mention the thickness of the walls, in the layout agreements. Go around the construction site, to check if it holds true. Another check you can make, is to press any key against the wall. If you are able to make a hole easily, question the builder about the concrete mix. Also, tap the walls with your knuckles to check the hollowness or usage of plywood inside the walls.

Builders often use plywood walls, to add strength to the structure. However, termites can damage such structures if these are not treated properly.

Check The Paint Quality

During your site visit, look for uneven cracks on the wall plastering. Even a minor crack could indicate the quality of the paint used on the walls. In fact, lack of curing can also create cracks in the walls and this would only increase with time. While a good quality paint can enhance the visual appeal and improve the longevity of the walls, improper curing can damage the wall before time.
| Leakage | Ways to assess construction quality: |
|---|---|
| Damaged flooring | On-site inspection |
| Cracks in the plastering of walls Inferior quality of plumbing and wiring | Demanding audit reports done by third-party quality assurance companies for builders |
| Faulty alignment of doors and windows | Enlisting the services of a building Testing, Inspection and Certification (TIC) agency |

Check Quality of Sanitary Wares And Bathroom Fittings

The best way to assess the quality of sanitary ceramics and accessories such as toilets, washbasins, face cleaners, or bidets, is to check its overall shape, Good quality fittings should be comfortable to use. Also, you can check for cracks by gently tapping it – a hoarse sound could signify cracks.

Apart from this, you can also check the mounting surface and whether it is even and smooth. For bathroom fittings, check the water flow and speed, the type of faucets used and how easy it would be to replace or find its parts. You should also check the tiles used in the bathroom and insist on anti-skid ones, to avoid accidents.

Taking Third-Party Help

There are a number of agencies that can help you to perform a quality check of the house, before you sign the agreement papers. These inspection agencies charge on the basis of the sq ft area of the house. Such services are particularly useful, if the property to be inspected is huge and can cost you a lot, if the fittings and construction quality are not of considerable grade.

Role Of RERA In Construction Quality

Property owners should know that the Section 14 of the Real Estate (Regulation and Development) Act, 2016, clearly lays down the promoter/builder's responsibility to rectify any structural defects, within a period of five years. However, this is limited to the projects and buildings covered under the purview of the law





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Veranda Design Made Simple: Unique And Practical Ideas

Your front veranda will look more defined and richer with hanging plants.



Nowadays, creating a beautiful and functional veranda is more important than ever. Considering how much time people spend outside of their homes, having a welldesigned veranda can significantly improve your quality of life. However, deciding where to begin can be overwhelming. For this reason, we've put together this post to provide you with some straightforward and useful veranda design ideas. These simple ideas will help you transform your veranda into an enjoyable outdoor place where you'll enjoy spending time, whether you're looking to create a small haven for relaxation or an area for entertaining.

Monochrome

Stick to one colour scheme – monochrome – to elevate your space and give it a classy vibe. Imagine keeping things in monochromatic black, white, and grey hues while maintaining a stylish aesthetic. It's like creating a classic masterpiece right at home. For an added touch of creativity:

- Introduce some gold or silver accents for a hint of luxury amidst the monochromatic tones.
- Mix different textures like faux fur, velvet, or leather to add depth and interest to the space.
- Hang bold, abstract artwork with pops of colour to create a focal point and break up the monotony of the colour palette.

Rustic

Make your area into a comfortable, rustic haven that is motivated by the natural beauty of the earth! Consider

wooden furniture, wooden accents, and vintage treasures combining to create an inviting and comfortable environment. Accept earthy tones such as brown, green, and beige, with pops of red or yellow to add warmth and personality to the space. For an authentic rustic vibe, consider these creative touches.

- Add indoor plants or fresh flowers to bring greenery and life into your rustic retreat.
- ⁿ Combine natural textures like wood, stone, and rattan to add depth and visual interest to the space.
- Layer soft blankets, plush rugs, and woven throws to enhance the comfort and cosiness of your rustic sanctuary.

Bohemian

Use an eye-catching colour scheme and unique design to create your own Bohemian Paradise! Consider macrame, bold colours, and a distinct blend of furniture styles that work together to evoke a sense of free-spirited creativity. Dive into rich jewel tones such as emerald green, sapphire blue, and ruby red, with soft whites and creams to balance. To truly capture the bohemian spirit, consider these creative touches:

- Hang colourful tapestries, woven rugs, and intricate macrame pieces to add texture and personality to your space.
- Combine vintage finds with modern pieces for an eclectic and laid-back vibe that reflects your individual style.
- Create a magical ambiance with string lights or fairy lights draped around the room, casting a warm and inviting glow that enhances the bohemian atmosphere.

Coastal

Turn your area into a calm coastal oasis by adding elements from the sea! Imagine striped fabrics, nautical accents, and woven furniture coming together to create a calm and beachy atmosphere. Explore a palette of serene greens, cool blues, and fresh whites, with hints of sandy beige for extra cosiness and warmth. To capture the essence of coastal living, consider these creative elements:

- Decorate with seashells, driftwood accents, and beachinspired artwork to evoke the feeling of being by the shore.
- ⁿ Opt for furniture made from natural materials like rattan, bamboo, or wicker to add a touch of coastal charm and texture.
- Mix and match striped fabrics with woven textures to add depth and visual interest to your coastal oasis, creating a relaxed and inviting space reminiscent of a seaside retreat.

Mediterranean

Terracotta tiles, steel accents, and colourful citrus trees are timeless elements that can instantly transport you to the Mediterranean. Consider a space filled with warm terracotta reds, sunny yellows, calming blues, and lavender accents that evoke the essence of Mediterranean living. Consider the following creative elements to convey the allure of this coastal region:

- Terracotta tiles on floors or walls can add a rustic and earthy feel to a space, similar to Mediterranean architecture.
- Iron-covered furniture, light fixtures, or decorative accents can add an elegant and timeless touch to the decor.
- Place lemon or orange trees in pots to fill your space with the refreshing scent of citrus, adding both beauty and functionality to your Mediterranean oasis.

Japanese

Bamboo, rocks, and minimalist water features will help you create a peaceful Japanese Zen Garden retreat. Look for a space with earthy tones such as brown, green, and black, accented by calming whites for a relaxing atmosphere. For bringing the essence of a traditional Japanese garden into your space, incorporate these creative elements:

- Bamboo fences, screens, and furniture will add a natural and soothing touch to your Zen garden.
- ⁿ Create a contemplative rock garden with carefully

placed stones, gravel, and sand to encourage meditation and reflection.

Bonsai trees, which are miniature representations of the strength and beauty of nature, can improve the harmony of your garden while also bringing a sense of elegance and peace to your surroundings.

FAQs

How do I choose colours for my veranda?

Think about the overall feeling you want to create. Light and airy colours create a sense of openness, while bolder colours add personality.

Can I mix different design themes?

Absolutely! Don't be afraid to combine elements from various styles to create a unique and personal veranda.

What type of furniture is best for a veranda?

Choose weather-resistant furniture made from materials like metal, concrete, wood with a sealant, or wicker. Opt for comfortable seating and consider storage options for cushions.

What if I have limited space on my veranda?

Folding furniture is a great option for small spaces. You can also utilise vertical space with hanging planters or wall-mounted shelves.

- What can I do to keep insects at bay on my veranda?
 Citronella candles, strategically placed plants like citronella grass, and outdoor insect traps can help deter pests (in permitted areas).
- What if my veranda doesn't get a lot of sunlight?
 String lights or fairy lights can create a warm ambiance.
 Choose furniture in lighter colours to reflect any available light.
- What are some ways to use my veranda?

Enjoy a morning cup of coffee, read a book, have a relaxing meal outdoors, entertain friends, or simply unwind and enjoy the fresh air.



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Different Types of Soil and Their Uses

The texture, quantities, and distinct forms of organic and mineral components are used to classify soil types.



Soil is a natural resource widely described as the earth's loose top layer composed of decomposed rock, humus, and inorganic and organic components. Soil is often generated when rocks break up into smaller bits due to natural factors such as wind, water, gravity, salt reaction, and so on. The texture, quantities, and distinct forms of organic and mineral components are used to classify soil types. Read on to learn about different soil types, their uses and characteristics.

List of Different Soil Types

Here is a list of the key soil types everyone should know about.

Clayey Soil:

Clayey soil is mostly composed of clay (having very small particles with very small spaces). It has very little sand or silt. Humus is likewise scarce in clayey soil. Clayey soil has a high water-holding capacity due to its tiny and closely packed particles. Since clayey soil can store more water, it is heavier than sandy soil. A clayey soil's tiny particle size is also a drawback. It is because water drains very slowly through clayey soil, causing waterlogging and agricultural plant damage. Moreover, clayey soil types cannot capture adequate air for plant roots due to the limited size of their pores. Clayey soil is dense and sticky, making ploughing it difficult. Clayey soil types, on the other hand, are high in minerals, which promotes plant development. Clayey soil is richer in nutrients than sandy soil. Clayey soil may be more productive by adding sand and humus (manure). Clayey soil is quite sticky. This clayey soil is used to manufacture pots (such as matkas and surahis), bricks, toys, and sculptures.

• Silt Soil

This type of soil is finer than sand. Air and water routes are more constrained than in sandy soils. It is more fertile, well-drained, and retains moisture better than sandy soils. They are susceptible to capping and hence require cautious maintenance. When worked or grazed in damp weather, it might be damaged.

• Sandy Soil

Sandy soil is largely composed of sand (having large particles with large spaces). It has very little clay or silt. There is extremely little humus in sandy soil. Desert locations have sandy soil. Large particles with large spaces between them distinguish sandy soil. Sandy soil has the disadvantage of not holding much water because water quickly drains through the wide pores between its particles. As a result, sandy soil dries up rapidly, which is bad for plants. Sandy soil is less fruitful than other types of soil.

• Loamy Soil

Loam soil, or loamy soil, comprises the proper sand, clay, silt, and humus quantities. Loam soil comprises big and tiny rock particles that combine to form the necessary qualities. This soil type also has enough air gaps between its particles to contain the air plant roots require. As a result, it may also be readily ploughed. It is also worth noting that it includes an adequate amount of humus. As a result, loam soil has all the nutrients required for plant development. Loam soil is the most fertile soil.

• Chalky Soil

Soils with a chalky composition or rich in lime exhibit an alkaline pH, primarily due to elevated levels of calcium carbonate. These soil types typically originate from being

situated atop limestone or chalk bedrock. Chalky soil is typically light and easily manageable throughout the year, albeit containing stony fragments. The advantage lies in its effective drainage properties, alleviating concerns in this regard. However, swift drainage, particularly during hot weather, can lead to soil dehydration. A drawback of chalky soil is its alkalinity and deficiency in certain minerals like iron and manganese. Consequently, plants cultivated in such soil often exhibit stunted growth and yellowing leaves. To counteract this, it's imperative to utilise appropriate fertilisers to balance the pH for the cultivation of healthy crops.

Peat Soil

Peat soils exhibit contrasting characteristics compared to chalk, primarily due to the presence of peatdecomposing organic matter- that induces acidic conditions requiring alkalization for successful crop growth. The spongy structure of peat soil resists compaction, facilitating rapid heating and efficient water retention. Additionally, it promotes adequate aeration, enabling plant roots to respire effectively. Notably, the scarcity of pathogens distinguishes peat soil types, making them favourable for seed germination. However, its acidic nature restricts the availability of plant nutrients, necessitating the supplementation of fertilisers for optimal crop yield. A significant drawback of peat soil is its nonrenewable nature. Diminishing peat resources can exacerbate climate change by releasing greenhouse gases into the atmosphere.

Uses of Soil

Soil is essential for the existence of creatures found on Earth. Its applications are as follows:

- 1. Plants may grow in soil. It offers all of the nutrients that plants require to develop.
- 2. Soil is also significant as a habitat, providing a home for millions of soil species such as insects, earthworms,

bacteria, and fungi. It acts as a base for trees and plants.

- 3. Soil is also necessary for the survival of the world's forests. Forests provide us with several benefits.
- 4. Forests supply us with timber while serving as a natural habitat for many flora and animals.
- 5. Agriculture uses soil to grow crops needed for human and animal nourishment.
- 6. Soil is utilised in the production of pottery and bricks.
- 7. Soil microbes aid in the recycling of nutrients from deceased plants and animals.

Soil, the earth's loose top layer, comprises a diverse range of textures and components, including decomposed rock, humus and both inorganic and organic materials. Various natural processes, such as weathering by wind, water, gravity and chemical reactions, contribute to soil formation. Soil types are classified based on their texture, mineral composition and organic content. Understanding these distinctions is crucial for effective land management and agricultural practices.

From clayey soil with its high water retention capacity to sandy soil, which drains quickly but lacks fertility, each soil type has unique characteristics and uses. Loamy soil, a blend of sand, clay, silt, and humus, stands out as the most fertile and versatile type, ideal for plant growth. Chalky soil, alkaline in nature, poses challenges due to its deficiency in certain minerals, while peat soil, acidic and rich in organic matter, requires special attention for crop cultivation.

Soil plays a vital role in supporting life on Earth, serving as a habitat for diverse organisms, sustaining forests, enabling agriculture and providing materials for various human activities such as pottery and brick-making. However, it is essential to recognise the finite nature of soil resources and the need for sustainable soil management practices to mitigate environmental degradation and ensure long-term productivity.





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Plastering: Wet And Dry Volumes

Plaster mixes incorporate nanomaterials, such as nanoparticles of silica or polymers



Plastering is a crucial aspect of construction and interior finishing, involving the application of a smooth, durable, and aesthetically pleasing layer onto walls and ceilings. Plastering primarily aims to create a uniform surface, concealing imperfections and providing a suitable base for painting or other decorative finishes. Plastering also enhances the structural integrity of walls by protecting them from environmental elements and wear.

To achieve the desired results, it's essential to comprehend the concepts of wet and dry volumes in plastering. These terms are significant in determining the right proportions of materials needed for the plaster mix and understanding how the plaster changes during the drying process.

Wet volume in plastering

Definition: Wet volume in plastering refers to the volume of the plaster mix when all the essential components cement, sand and water - are thoroughly combined before the application process begins. At this stage, the plaster is in a malleable and workable state, ready for application to the designated surfaces.

Composition

- **Cement:** The binding agent that holds the plaster mix together.
- **Sand:** Provides bulk and contributes to the overall strength of the plaster.

Water: Activates the cement and facilitates the mixing process.

Mixing Process : The process of achieving wet volume involves a thorough mixing of the components. This results in the formation of a homogenous paste or slurry that is pliable and can be easily applied to surfaces using tools such as trowels. The goal is to ensure that the mixture is well-blended to provide a consistent and uniform plaster.

Application: The wet plaster, at this stage, is in a state that adheres well to the substrate, allowing for proper coverage and a smooth finishing layer. The application phase is critical for achieving the desired texture, appearance, and thickness of the plaster on walls or ceilings.

Importance of Wet Volume

Material Estimation : Understanding wet volume is essential for accurately estimating the quantities of cement, sand, and water required for a plastering project. This knowledge ensures that contractors and builders can plan and procure the right amount of materials for the desired plaster thickness.

Workability: The workability of the wet plaster is crucial for achieving a smooth and consistent application. Knowing the wet volume helps professionals judge the optimal consistency of the plaster mix, ensuring it is easy to work with and adheres well to the surfaces.

Quality of Application: The wet volume stage significantly influences the quality of the plastering work. Proper mixing and application techniques during this phase contribute to a well-adhered, uniform, and aesthetically pleasing finish once the plaster dries.

Dry Volume in Plastering

Definition: Dry volume in plastering refers to the volume of the plaster mix after it has dried and set on the applied surface. This stage represents the final state of the plaster, showcasing its characteristics, texture, and appearance

once the water content has evaporated, and the material has solidified.

Changes During Drying: The transition from wet volume to dry volume involves a crucial transformation. As the plaster mix dries, water within the mixture evaporates, leading to a reduction in volume. This reduction is a natural consequence of the hydration process, where cement reacts with water to form a hardened, cohesive mass. The plaster becomes less pliable and undergoes a setting process, adhering firmly to the substrate.

Shrinkage: One notable effect during the drying phase is shrinkage. The plaster experiences a slight contraction as it loses moisture, causing it to pull away from the substrate. Proper curing and drying techniques are essential to minimise this shrinkage, ensuring that the plaster maintains adhesion to the surface without developing cracks or defects.

Final Appearance

The dry volume represents the ultimate appearance and texture of the plastered surface. This is the stage where

the quality of the plastering work becomes apparent, revealing the smoothness, uniformity, and durability of the finished product. The surface is now ready for subsequent treatments such as painting or other decorative finishes.

Importance of Dry Volume

Quality Assessment: Understanding dry volume is crucial for assessing the quality of the plastering job. It allows contractors and builders to evaluate the final appearance and characteristics of the plastered surface, ensuring that it meets the desired standards for durability and aesthetics.

Prevention Of Defects: Knowledge of the changes in volume during the drying process enables professionals to implement proper curing techniques. Adequate curing minimises the risk of defects such as cracks and ensures the plaster maintains its integrity over time.

Subsequent Treatments: An understanding of dry volume is essential for planning subsequent treatments. Once the plaster has dried, it provides a stable and suitable base for additional decorative finishes, painting, or any other surface enhancements.



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Renovation Vs Remodeling: Which Is The One For You?

While often used interchangeably, renovation and remodelling have a key difference.



While it is difficult to lay your hands on all the technical know-how of architecture and interior designing as a layman, awareness of basic terms is always helpful. An area where people often get confused deals with remodelling and renovation. Deciding to upgrade your house is a big step, but it is also important to know what works best for you. This article is a brief guide to help you decode the terminologies remodelling and renovation and understand which is the one for you.

Understanding The Terms

Before diving into the virtues of each to help you choose, let's go through a basic definition of these terms and understand the differences between the two and what each of them entails:

Renovation

Updating the existing features of a space without making any significant structural changes is known as renovation. From minor cosmetic updates to more extensive repairs and replacements to your interior's arsenal, renovation projects focus on improving the appearance, functionality and overall condition of a space while keeping up its original structural integrity and retaining the existing layout. If you plan a renovation project, here's what you might be signing up for

- **Painting and refinishing:** Walls, floors and surfaces can be refreshed with new paints, prints, stains or finishes.
- **Flooring replacement:** You can consider upgrading your flooring by installing new and different flooring materials than what you have, such as hardwood, tile, carpet or laminate.

• *Fixture upgrades:* Lighting, faucets and hardware might become dysfunctional or stylistically obsolete and therefore require replacement.

Cabinet refacing: Updating the outer appearance of cabinets by incorporating new doors, drawer fronts and hardware.

Remodeling

While having a similar objective as a renovation project, remodeling involves more extensive changes in the structure, layout or form of a space. Not only does it involve technicalities, but also heavy-duty implementation measures, such as demolishing walls, adding square footage or reconfiguring the floor plan.

They generally aim at modernising or updating the look and functionality of the space. A remodeling project might involve undertaking one or more of the following:

• *Kitchen remodel:* Updating essential kitchen components such as cabinets, countertops, appliances and layout.



- **Bathroom remodel:** Improving functionality and aesthetics of the bathroom by renovating fixtures, tiles and layout.
- **Room addition:** Expanding the square footage and surface area of the home by incorporating a new bedroom, bathroom or living space.
- **Basement conversion:** Transforming an unfinished basement or unused space into a usable living area, like a home theatre or guest room.

Pros and Cons

To help you decide whether you should go for renovation or remodeling, here is a concise list of the pros and cons you should consider:

Pros

| Renovation | Remodeling |
|----------------------------------|---------------------------------------|
| Less expensive and consumes | Allows a lot of scope for |
| lesser time and labour. | customisation and personalisation. |
| Improves the aesthetics and | Offers the opportunity to address |
| functionality of a space without | issues with the layout at a |
| major structural changes or | structural level. |
| construction procedures. | |
| Makes space for updates and | Allows to create a space that is best |
| upgrades within the existing | suited to your personal lifestyle and |
| layout without the need of | needs. |
| major changes. | |
| Potentially increases the | Significantly increases the value |
| market value of the home. | and appeal of the home. |

Cros

| Renovation | Remodeling |
|--|---|
| Limited scope as compared to remodeling. | More expensive, time-consuming and labour intensive tha |
| Temodeling. | renovation. |
| Underlying structural layout issues and flaws may go unaddressed. | May require extra permits to meet compliance norms of buildings and authorities. |
| Only cosmetic updates may not significantly raise the value of the home. | Significantly hampers smooth daily functioning in the process. |
| Albeit less than remodeling, might still involve disruption and hampering of daily life in the process. | Unforeseen issues and delays are common and might lead to additional costs and hassles. |

FAQs

• What's the difference between remodeling and renovation?

While remodeling involves making upgrades at the structural level or the level of the layout, renovation mainly focuses on updating or restoring the existing features without major changes.

• Which is more expensive between remodelling or renovation?

Since it involves extensive construction like adding square footage and reconfiguring the layout, remodelling tends to be more expensive than renovation.

• How long does remodelling or renovation take?

The duration depends on the scope of the project. Remodelling might take several weeks or months while renovation can be completed in a shorter period of time, typically a few days or weeks.

• Do I need permits for remodelling or renovation?

Depending on the extent of work required and the local building codes, you might require a special permit. Most renovations can be done without a permit but remodelling requires permits.

• Which adds more value to my home, remodelling or renovation?

Both remodelling and renovations can increase the value of your home depending on their impact on the market value.

• Can I DIY remodelling or renovation projects?

While some renovation projects like painting or updating fixtures can be done at home, it is recommended to consult a professional for more extensive renovations or remodelling projects.

• How do I decide between remodelling and renovation for my home?

Take into account your goals, budget and the existing condition of your home when deciding between remodelling and renovation and consult a contractor or designer for added insights.

Life Style Retails Spaces In The Heart of Lucknow





Lucknow is a city on the verge of a revolutionary transformation in retail.

Ranked at #2, Lucknow is one of the top 20 emerging real estate destinations in India. It will see real estate growth in the region of +10% by 2025. With relaxed FDI & phenomenal growth in retail sector, Lucknow offers investors a golden chance to invest in retail real estate.

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d Saloons n Mo



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

any particular items, kindly point it out to us so that it may be checked and corrected in the next issue. To get your self/your firm added in the Current Market, contact in at Ph::0522-4062247, E-mail:buildersfriend1@gmail.com

MASONRY ITEMS

| Bricks (1 st Sidha) Baloo Maurang Stone Chips | 8000.00 to | 9000.00 45.00 80.00 | per 1000 Pcs per qb.ft. " |
|--|--------------|-------------------------------|---------------------------------|
| 25 mm 20 mm 8 mm | | 7000.00 6200.00 6000.00 | per 100 qb.ft " |
| Stone Ballast Stone Lime for white washing (Katni GST Extra |) 1000.00 to | 75.00 4000.00 | per qb.ft. per qtl. |

CEMENT

| Cement | 370.00 to | 470.00 | per bag |
|----------------------|-----------|--------|---------|
| White Cement J.K. | | 960.00 | " |
| Birla | | 955.00 | " |
| With GST | | | |

IRON STEEL

| | 6 mm | 8 mm | 10 mm | 12to25 mn | n per qtl. |
|-----------------------------------|-------------|-----------------|---------|-----------|------------|
| Iron Rods | 6000.00 | 6500.00 | 6200.00 | 6150.00 | " |
| TMT Bars | - | 6300.00 | 6100.00 | 6100.00 | " |
| Iron Angles | 50x | 50x6 mm | | 6200.00 | Per qtl. |
| | 35x | 35x5 mm | | 6400.00 | " |
| | 35x | 35x4 mm | | 6500.00 | " |
| Channels | 75x | 40 mm | | 6400.00 | " |
| | 100 | x50 mm | | 6600.00 | " |
| | 125 | x65 mm | | 6700.00 | " |
| | 150 | x75 mm | | 6800.00 | " |
| Beam | 150 | x80 mm | | 7000.00 | " |
| | 200 | x100 mm | | 7200.00 | " |
| | 250 | x125 mm | | 7200.00 | " |
| Flat Iron | 25x | 25x6 mm | | 6400.00 | " |
| | 40x | 40x6 mm | | 6100.00 | " |
| Plates | 3,4, | 5,6 mm | | 7600.00 | " |
| | 8,10 |) mm | | 7700.00 | " |
| | 12, | 16, 20, 25 r | nm | 7700.00 | " |
| Barbed wire G. I. | 12x | 12 100 kg | | 8200.00 | " |
| | 14x | 14 100 kg | | 8500.00 | " |
| G.I. Wire Galvd. | 8 G | auge 100 kg | 3 | 8000.00 | " |
| | 10 0 | Gauge 100 l | кg | 8000.00 | " |
| | 16 0 | 16 Gauge 100 kg | | 9300.00 | " |
| Galvd. Corr. Shee | t (3mtr x80 | 0mm) | | | |
| | 0.63 | 3 mm thick | (TATA) | 1450.00 | Each |
| Galvd. Plain Iron | Sheet (2.5 | mtr x 800 m | ım) | | |
| | 0.63 | 3 mm thick | | 1130.00 | " |
| Black Plain Iron S | heet (2.5m | tr x900 mm | l) | | |
| | 0.63 | 3 mm thick | | 810.00 | " |
| | 0.80 | 0 mm thick | | 1180.00 | " |
| | 1.00 |) mm thick | | 1250.00 | " |
| Tata S. Binding W | ire 335 | 0.00 per Ro | 011 | 10600.00 | Per qtl. |
| Local Binding Win GST Included | re | | | 7800.00 | " |
| | | | | | |



| | TAT | A PIPES | i | |
|------------------------|------------------|------------------|------------------|------------------|
| 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 | 257.00 | 136.00 |
| 32 L 32 M | 247.00 322.00 | 245.00 314.00 | 257.00 323.00 | 176.00 212.00 |
| 32 M 32 H | 406.00 | 396.00 | 525.00 | 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 TRUSE | S GRILI | _S, WIND | ows & sh | IUTTERS |
| Angle Iron Trusses | | 62000.00 | to 69000.00 | per mt. |
| Tubular Trusses | | 68000.00 | to 79000.00 | " |
| Rolling Shutter (20 G | i) | | 2700.00 | per sq.mt. |
| Rolling Grill Shutters | | | 2900.00 | " |
| Collapsible Gates | | | 3100.00 | ٠٠ |
| Steel Windows | | 1350.00 | to 2500.00 | " |
| Steel Grills | | | 75.00 | per. kg. |
| GST Extra | | | | 1 0 |
| WIRE NETT | | | | DUMS |
| | | | | |
| GI Mosquito Proof Ja | | | - | er sq.ft. |
| Fiber Mesh Mosquito | Proof | | 7.00 | |
| Chicken Wire Mesh | | | | |
| (3'x100' roll) ½"x28 | | | 600.00 | Per roll |
| 22 & 20 Gauge 6K | 110.00 | Per kg. | | |
| Wiremesh Stainless | | above | 110.00 | I CI KG. |
| winemesii Stanness | Steel | 14x28 14x27 | 14x24 | |
| | | 22.00 30.0 | | Per sq.ft. |
| | | 202 to | | Per Kg |
| Wiremesh SS 304 G | rade | | 450.00 | Per kg |
| Shading Net | | 28.00 to 3 | | per sq.m |
| GST Included | | | | P == - 1 |
| v | VELDEC | | IESH | |
| 30x30mm | | | 75x75mn | ı per sq.mt. |
| | | | | i per sq.mt. |
| 4 mm | | - | 680.00 | " |
| 3 mm | | 400.0 | | |
| 2.25 mm | | 250.0 | 0 225.00 | |
| Welded Mesh Galvd | | , | per kg. | |
| Welded Mesh S | Stainless Stee | 350.0 | | |
| Welded Mesh | M.S. | 74.0 | 0 " | |
| Expanded Metal | | 80.0 | 0 " | |
| GST Incluted | | | | |
| ANT | ITERMI | те сне | MICALS | |
| 100 ml | 250 ml | 500ml | 1 Ltr. 5 Lt | r. 20 Ltr. |
| Hilban 55.00 | 110.00 | | | .00 5800.00 |
| Dursban - | - | - | 310.00 1500 | .00 5900.00 |
| Shooter - | - | 160.00 | 275.00 1180. | 00 3900.00 |



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hce: 17 A , Neel Cottage, Maldahiya, Varanasi - 22100. E-mail : applvns@gmail.com, Mobile: 9336902686.

| Flowjet (ISI) I | | | ID PIP 4kg | | Fach |
|---------------------------------------|------------------|-------------------------|---------------------------|---------------------------|---------------------------|
| 110 mm x 6 Kg | | en i ipe | | | |
| (Length - 6m) DIPLAST Rig | id PVC pipe | e for tube | 715.0 well | 00 1050.0 | 0 " |
| (Length - 6m) | | | - | 1050.0 | 0 " |
| Supreme, Kisa Rigid PVC Pipe | | | - | 1370.0 | 0 " |
| Bonton (ISI) R | | | | | |
| (Length - 6m) Triupati (ISI) | Rigit PVC F | Pipe | 690.0 | 925.00 |) |
| (Length - 6m) | - | - | 715.0 | | |
| DIPLAST Con For Electricity | | 20mm 57.00 | | 32mm 40n 23.00 185 | |
| GST Extra | | | | | |
| ISI CA | ST IROI | | | 5 & FIT | |
| Pipes S/S (Leng | 2th-1.8m) | 50 mm 1000.00 | 75 mr 1400. | | |
| Pipes D/S (Len | | 1100.00 | 1500. | 00 1700.00 | 3150.00 |
| Plain Bend Nahani Trap | | 280.00 480.00 | | | |
| Door Bend | | 320.00 | | | |
| H.R. Bend | | 320.00 | | | |
| Plain Junction Door Junction | | 340.00 370.00 | | | |
| GST Extra | | 570.00 | 550. | 00 / 10.00 | 1000.00 |
| | | | | | |
| | Ň | P-2 | | | NP-3 |
| Pipe Inner Dia in mm | Rate/n | | Collar | Rate/mt | |
| 100 | 200.0 | - | 62.00 | - | per pc |
| 150 | 250.0 | | 72.00 | 280.00 | |
| 200 250 | 280.0 340.0 | | 82.00 05.00 | 500.00 600.00 | |
| 300 | 450.0 | | 32.00 | 750.00 | |
| 350 | 480.0 | | 45.00 | 960.00 | 175.00 |
| 400 450 | 560.0 650.0 | | 75.00 80.00 | 1040.00 1230.00 | |
| 500 | 800.0 | | 70.00 | 1350.00 | |
| 600 | 1070.0 | | 50.00 | 1700.00 | |
| 700 800 | 1120.0 1440.0 | | 00.00 50.00 | 2150.00 2750.00 | |
| 900 | 1820.0 | | 20.00 | 3500.00 | |
| 1000 | 2400.0 | | 50.00 | 3800.00 | 800.00 |
| 1100 1200 | 2680.0 2950.0 | | 80.00 50.00 | 4400.00 5800.00 | 1000.00 1200.00 |
| GST Extra | 2,000 | 10 | 20100 | 0000100 | 1200100 |
| | WATER | PROO | FCHE | MICALS | ; |
| Doncrete RMW | | Per ltr. | Concrete I | | 900.00 Per kg. |
| Supercrete SB Doncrete SBL | 300.00 300.00 | Per kg. | Concrete I Don Grou | | 350.00 " 90.00 " |
| Doncrete 107 | 460.00 | " | Don Grou | | 90.00 " |
| Doncrete 106 | 250.00 | " | Super Sea | | 600.00 " |
| Don Grout Add GST Extra | 800.00 | | Doncrete Doncrete | | 95.00 " 75.00 Per ltr. |
| FOSROC WA | | JFING & | CONSTR | UCTIONS C | HEMICALS |
| | 1 | IZ =/I 4 | ATZ =/T_4 | 51/ -/I 4 | 2017-/1.4- |
| Nitobond EP | | Kg/Ltr 200.00 | 4Kg/Ltr 4000.00 | 5Kg/Ltr - | 20Kg/Ltr |
| Nitobond AR S | td | - | - | - | 5500.00 |
| Nitobond SBR | Latex | 450.00 | - | 1600.00 | 5600.00 |
| Conplast WL Concure WB W | hite | 180.00 | - | 700.00 | 2000.00 3000.00 |
| Reeba Clean | | 170.00 | - | 800.00 | - |
| Lok Fix | | 500.00 | - | 1800.00 | - |
| P | DLYETH | IYLEN | E SEP | TIC TAN | К |
| Supercon Sept | ic Tank | Capacity | | 6 | |
| Type 1 | | 600 Ltr. | 760 mm | | |
| Type 2 | | 1200 Ltr. | 1020 mr | m 2210 mm | n 30000.00 |

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| G | I. PIPES | 6 & FITTIN | IGS | | | |
|--|---------------------------|-------------------------------|-------------------------------|--------------------|---|--|
| | CLASS OMTR | GI 'B' CLASS PER MTR | | ' CLASS R MTR | | VALVES |
| (IVIIVI) FER | P/E | SS P/E | SS | P/E | l I | GUN METAL VALVES |
| 015 MM 105.40 | 103.30 1 | 31.10 128.5 | 0 143.20 | 140.30 | EMPOWERED BY | ISI Marked GM Gate, Globe & Check Valves |
| 020 MM 145.30 | 142.40 1 | 65.70 162.4 | 0 183.70 | 180.00 | INNOVATIONS | Globe & Check Valves |
| 025 MM 196.80 | 192.90 2 | 34.10 229.5 | 0 260.00 | 254.90 | | Contraction and |
| 032 MM 247.90 | | 94.20 288.3 | | 326.60 | A | |
| 040 MM 308.60 | | 44.70 334.4 | | 385.50 | | CWI - 9843245 |
| 050 MM 377.20 | | 51.40 437.9 | | 521.60 | | |
| 065 MM 505.00 | | 70.00 553.0 | | 667.00 | | |
| 080 MM 618.00 | | 33.00 711.0 | | 824.00 | | |
| 100 MM 861.00 125 MM | | 60.00 1029.0 99.00 13582.0 | | 1182.00 1472.00 | | |
| 120 MM | | 66.00 1616.0 | | 1753.00 | | |
| 200 TO 300MM G.I. | | | | Per Ton | | |
| | | KS & G.N | | | | |
| NMV/G.M. BRAND | | 5 mm 20 mi | | 32 mm | | |
| NMV G.M.Gate Valy | | 33.00 851.0 | | 1810.00 | | |
| NMV G.M Wheel Va | | 66.00 894.0 | | 1890.00 | | A REAL PROPERTY AND A REAL |
| NMV G.M. Horizont | al Check 4 | 77.00 772.0 | 0 1042.00 | 1813.00 | | |
| NMV G.M. Vertical C | | 75.00 509.0 | | 1157.00 | | |
| NMV Ball Valve | 4 | 91.00 719.0 | 0 1056.00 | 1947.00 | | |
| 200 gm | | | 250 gm | 400 gm | | |
| Brass Bib Cock | | 110.0 | | 195.00 | "ISI" MARKED | |
| Brass Stop Cock Brass Ferrules 15x1 | /4" to 15-1/0" | 110.0 | 0 150.00 180.00 | 195.00 Each | PREMIUM PIPE FITTINGS | |
| | Discount 20% to | 0 30% | 180.00 | Each | | "ISI" MARKED |
| ~ ~ ~ | | S ISI MA | PKFD | | | PIPE FITTINGS |
| NMC/BM BRAND | 15 mm | 20 mm | 25 mm | 32 mm | MARKED | IS:1879 |
| Elbow | 27.80 | 43.00 | 71.80 | 109.80 | | MARKED |
| Tee | 44.30 | 66.70 | 99.60 | 141.80 | | |
| Socket | 24.30 | 38.30 | 49.80 | 76.60 | | |
| Union GST Extra Dis | 77.80 count 20% to 3 | 113.00 | 164.90 | 249.30 | A DECK DECK DECK DECK DECK DECK DECK DECK | |
| | | | | | | |
| Rate per piece | BAIHR Nova/ | DOM FITI Player A | NG RK NMC | Plumber | NMC | |
| Rate per piece | Spectrun | | | 1 Iumber | (AN ISO 9001 | |
| Piller CockPiller Cock | | | 8.00 537.00 | | C-3, Focal Point, Bye Pa | |
| Bib Cock | 707.00 | | 4.00 478.00 | | Ph.:-0181-5080 | |
| Bib Cock Long Body Stop Cock | 842.00 690.00 | 643.00 65 563.00 | 8.00 544.00 | | Email:- nmc@ | |
| Concealed Stop Cock | 968.00 | | 8.00 653.00 | 729.00 | Web:- www.r | nmcindia.in |
| Extension piece 65 mm | | | 32.00 - | - | | |
| Copper Pipe & 2 Nuts | | | | | Vices Tak | |
| Copper Pipe & 2 Nuts | | 194.00 | | | Kisan Tube | e Company |
| Copper Pipe & 2 Nuts Waste Couplings 32 mi | | 210.00 | 8.00 | | | |
| Waste Couplings 32 mil | in 348.00 | | 31.00 | | Auth. Dealer: VARUN | 🐧 CRI Submersible Pumps |
| Angle Valves | 689.00 | | 9.00 397.00 | 529.00 | Deals in: All kinds of GLMS CLPine | and Fittings, Gate Valves, Ball Valves, |
| Bottle Trap Casted Bra | | 739.00 | 799.00 | | | a Mark-II Hand Pump accessories |
| Single Hole Basin mix | | | 3.00 1779.00 | | | |
| Sink Cock Sink Mixer | 1536.00 2546.00 | | 6.00 1237.00 | | Stockiest for : TATA, Jindal, S | Surya, Prakash, Tirupati Pipes |
| Wall Mixer Plain | 2546.00 2546.00 | | 9.00 2216.00 74.00 1779.00 | | TRADE | ĴøTes. |
| Wall Mixer with Crute | | | 03.00 2730.00 | | | 🙈 υπκομ 🚉 |
| Bidet Fitting-4 Hole m | | | 67.00 | | | a res houses |
| Waste Jali 32 Mm | | 260.00 (Less | | | 26 Gautam Bude Ma | rg, Lucknow - 226 018 |
| Waste Jali 40 Mm Bath Tub Waste With | | 260.00 availa | ble) | | | • |
| Over Flow Piug & Cha | un 914.00 | 10 | 07.00 | | 19100.: 9454887790, 968222294, | E-mail : kisantubeco@gmail.com |
| Tel. ph. Shower With F | | | i9.00 | | | |
| Bath Shower | 375.00 | | 2.00 | | Mob. : 9839531994/9554819164 | |
| Towel Rails 3/4 Dia C. | | | | | | |
| 450mm | 162.00 | | | | | |
| 600mm Waste Coupling | 216.00 54.00 | | | | | ा कम्पनी |
| Brass Union Coupling | 92.00 | | | | | |
| C.P. Extension Piece | 75mm | | 0mm | 50mm | | |
| BVC Connector | 33.00 | 19 | 5.00 | 81.00 | | |
| PVC Connector With two C.P. Brass Nu | 300mm uts 27.00 | | | | People Antok | valves |
| Spectrum: Approved | | P / NTPC | | | 32. Gautam Budh Ma | arg, Lucknow-226018 |
| GST Extra | | | | | | |
| | | | | | | |

Builders' Friend July 2024 50

| SANITARY WARES Neto & Neo 450 mm 510 mm Solution Neto & Neo 450 mm Solution Orisa Pan - 300.00 Solution Orisa Pan - 300.00 Solution Orisa Pan Solution P - 240.00 Commade P - 240.00 Solution Solution Commade P - 539.00 Solution Solution Itaking Coloured wares(UP) Solution Itaking Coloured wares(UP) Solution Partyrare Solution Solutin touthing to the partyre in the partyre in the partyre i |
|---|
| Offsa Fail 2-0 300.00 380.00 PTrap P - 240.00 5-539.00 5-539.00 Anglo Indian P - 1072.00 5-1072.00 5-1072.00 Low Level (Cistem) 726.00 5-1072.00 5-1072.00 Kitchen Sink Vitereous China Fireelay - |
| Otisa Fail 9 -240.00 500.00 580.00 PTrap P - 240.00 5-539.00 S-539.00 Commode P - 539.00 S-539.00 Anglo Indian P - 1072.00 5-1072.00 S-1072.00 |
| $ \begin{array}{c} P/Trap & P-240.00 \\ Commode & P-539.00 \\ S-539.00 \\ S-539.$ |
| Anglo Indian P - 1072.00 S-1072.00 S-1072.00 S-1072.00 Carysin Nutheria Sin Low Level (Cisterm) 726.00 726.00 - Astral Pipes - Astral Pipes - Astral Pipes - Plasto Tank & Fittings - Astral Pipes - Plasto Tank & Fittings - Astral Pipes - Plasto Tank & Fittings - Nother Sink - Roff Tiling Solution Hindustan Coloured wares(UP) 50% 100% 150% Coloured - Stream - Stream - Roff Tiling Solution Champion 299.00 375.00 450.00 450.00 Astral Pipes - Stream - Stream - Roff Tiling Solution Patel make 220.00 270.00 350.00 740.00 740.00 Time Stream Stream - Stream Stream Stream - Stream Stream - Strea |
| Anglo Indian P = 10/2.00 5:10/2.00 726.00 Kitchen Sink Vitereous China Fireclay 18X12x6 20X16x6 24X18x8 24X18x10 Drain Board 1144.00 1719.00 2570.00 2860.00 982.00 982.00 982.00 5intex Water Tanks • Supreme Pipes • Roff Tiling Solution 70ilet Seat Cover for Commode Black White Coloured 494.00 728.00 750.00 450.00 Agarwale /Kaypee /Spids 175.00 190.00 215.00 900.00 350.00 450.00 Patel make 220.00 270.00 350.00 450.00 Website : www.therangoli.org Flushing Cistern Plastic High Level /Low Level 500.00 740.00 740.00 White Pastel Orissa Pan 580 mm 2150.00 3250.00 2150.00 3280.00 21, Shivaji Marg, Lucknow - 226018 Witer 2210.00 32450.00 760.00 760.00 21, Shivaji Marg, Lucknow - 226018 Orissa Pan 580 mm 2150.00 3450.00 760.00 760.00 760.00 EWC S/P Papular 210.00 3580.00 2450.00 7680.00 </td |
| Kitchen Sink Vitereous China Fireclay 12000 18X12x6 20X16x6 24X18x8 24X18x10 Drain Board 1144.00 1719.00 2570.00 2860.00 982.00 1144.00 1719.00 2570.00 2860.00 982.00 1144.00 1719.00 2570.00 2860.00 982.00 Commander's ISI 494.00 728.00 750.00 Champion 299.00 375.00 450.00 Patel make 220.00 270.00 350.00 Flushing Cistern Plastic High Level /Low Level 500.00 to 780.00 Spids ISI 650.00 to 780.00 Orissa Pan 530 mm 2150.00 3340.00 2450.00 Orissa Pan 530 mm 2150.00 3340.00 215.00 EWC S/P Papular 2110.00 3280.00 1610.00 2500.00 LC Dual Flush 5040.00 6990.00 6990.00 170.00 1580.00 PVC Cistern Slick Plus 1370.00 1580.00 270.00 1580.00 1600.00 1670.00 Wash Basin 51X40 Cleo 1170.00 |
| 18X12x6 20X16x6 24X18x8 24X18x10 Drain Board 1144.00 1719.00 2570.00 2860.00 982.00 110 1100% 150% 100% 150% Commander's ISI 494.00 728.00 750.00 Champion 299.00 375.00 450.00 Patel make 220.00 270.00 350.00 Flushing Cistern Plastic High Level /Low Level 500.00 to 780.00 Diplast/Agarwal /Unique /HSI 625.00 to 780.00 Orissa Pan 530 mm 1610.00 2500.00 2450.00 Orissa Pan 580 mm 2150.00 340.00 280.00 EWC S/P Papular 2110.00 3280.00 7100 EWC S/P Papular 2110.00 580.00 7100 LC Dual Flush 5044.00 6990.00 7100 PVC Cistern Slick Plus 1370.00 1580.00 7680.00 LLC Dual Flush 1460.00 1670.00 820.00 PVC Cistern Slick Plus 1370.00 1580.00 820.00 PVC Cistern Slick Plual Flush 1460.00 <td< td=""></td<> |
| 1144.00 1719.00 2570.00 2860.00 982.00 Hindustan Coloured wares(UP) 50% 100% 150% Toilet Seat Cover for Commode Black White Coloured Commander's ISI 494.00 728.00 750.00 Agarwale /Kaypee /Spids 175.00 190.00 215.00 Patel make 220.00 270.00 350.00 Patel make 220.00 270.00 350.00 Diplast/Agarwal /Unique /HSI 650.00 to 780.00 Orissa Pan 500 mm(Popular) 1580.00 2450.00 2450.00 Orissa Pan 500 mm 2150.00 3340.00 280.00 EWC S/P Papular 2110.00 3280.00 215.00 LLC IO Liter with fitting 400.00 680.00 150% LLC Dual Flush 5040.00 1670.00 880.00 PVC Cistern Slick Plus 1370.00 1580.00 * Wall & Floor Tiles Wash Basin 45X40 Delta 1350.00 100.00 880.00 Wash Basin 55X40 Delta 1350.00 100.00 880.00 Wash Basin 55X40 Delta 1350.00 </td |
| Hindustan Coloured wares(UP) 50% 100% 150% Toilet Seat Cover for Commode Black White Coloured Commander's ISI 494.00 728.00 750.00 Champion 299.00 375.00 450.00 Agarwale /Kaypes /Spids 175.00 190.00 215.00 Patel make 220.00 270.00 350.00 Flushing Cistern Plastic High Level /Low Level 565.00 to 780.00 Diplast/Agarwal /Unique /HSI 650.00 to 780.00 Orissa Pan 530 mm 1610.00 2500.00 340.00 EWC S/P Papular 2110.00 3280.00 EWC S/P Slick 2220.00 3450.00 LC 10 Liter with fitting 4900.00 6890.00 LLC Dual Flush 5040.00 6890.00 PVC Cistern Slick Plus 1370.00 1580.00 VC Cistern Slick Plus 1370.00 1600.00 Wash Basin 46X36 Windsor 1160.00 1800.00 Wash Basin 51X40 Cleo 1170.00 1820.00 W |
| Toilet Seat Cover for Commode Black White Coloured Commander's ISI 494.00 728.00 750.00 Champion 299.00 375.00 450.00 Agarwale /Kaypee /Spids 175.00 190.00 215.00 Patel make 220.00 270.00 350.00 Flushing Cistern Plastic High Level /Low Level 500.00 to 780.00 Spids ISI 650.00 to 780.00 Diplast/Agarwal /Unique /HSI 625.00 to 740.00 Hindware White Pastel Orissa Pan 580 mm 2150.00 3450.00 Orissa Pan 580 mm 2150.00 3450.00 WeW S/P Slick 2220.00 3450.00 Anglo Indian S/P 4950.00 7830.00 LC Dual Flush 5040.00 6990.00 PVC Cistern Slick Plus 1370.00 1580.00 VC Cistern Slick Plus 1370.00 1580.00 |
| Commander's ISI 494.00 728.00 750.00 Champion 299.00 375.00 450.00 Agarwale /Kaypee /Spids 175.00 190.00 215.00 Patel make 220.00 270.00 350.00 Flushing Cistern Plastic High Level /Low Level White Pastel Diplast/Agarwal /Unique /HSI 650.00 to 740.00 Diplast/Agarwal /Unique /HSI 625.00 to 740.00 Orissa Pan 500 mm(Popular) 1580.00 2450.00 780.00 Orissa Pan 580 mm 2150.00 3340.00 2450.00 EWC S/P Spick 2220.00 3340.00 2450.00 EWC S/P Spick 2220.00 350.00 7880.00 LLC 10 Liter with fitting 4100.00 5830.00 2450.00 LLC 10 Liter with fitting 1370.00 1580.00 7880.00 PVC Cistern Slick Plus 1370.00 1580.00 780.00 PVC Cistern Slick Plus 1370.00 1580.00 780.00 PVC Cistern Slick Plus 1370.00 1580.00 800.00 Wall winal FB 46X35 1340.00 2080.00 |
| Champion 299.00 375.00 450.00 Agarwale /Kaypee /Spids 175.00 190.00 215.00 Patel make 220.00 270.00 350.00 Flushing Cistern Plastic High Level /Low Level mobile: 9044007945, 7905994709, E-mail : amitgupta1111978@gmail.co Spids ISI 650.00 to 780.00 Diplast/Agarwal /Unique /HSI 625.00 to 780.00 Hindware White Pastel 000 Orissa Pan 500 mm(Popular) 1580.00 2450.00 Orissa Pan 580 mm 2150.00 3440.00 EWC S/P Papular 2110.00 3280.00 EWC S/P Papular 2110.00 3830.00 LLC 10 Liter with fitting 4100.00 5830.00 LLC 10 Liter with fitting 1460.00 1670.00 Wall urinal FB 46X35 1340.00 2080.00 PVC Cistern Slick Plus 1360.00 2080.00 Wall urinal FB 46X35 1340.00 2080.00 Wash Basin 55X40 Delta 1350.00 1800.00 Wash Basin 55X40 Delta 1350.00 2100.00 |
| Agarwale /Kaypee /Spids 175.00 190.00 215.00 Website : www.therangoli.org Patel make 220.00 270.00 350.00 Mob. : 94151859 Spids ISI 650.00 to 780.00 To Mob. : 94151859 Diplast/Agarwal /Unique /HSI 625.00 to 740.00 To Mob. : 94151859 Orissa Pan 500 mm(Popular) 1580.00 2450.00 2450.00 21, Shivaji Marg, Lucknow - 226018 Orissa Pan 580 mm 2150.00 3340.00 280.00 Authorised Dealer & Stockist of : EWC S/P Papular 2110.00 280.00 4950.00 7680.00 LLC 10 Liter with fitting 4100.00 5830.00 # Wall & Floor Tiles VC Cistern Slick Plus 1370.00 1580.00 # Wall & Floor Tiles PVC Cistern Slick Plus 1370.00 1880.00 # Fire Bricks, Fire Clay & Acid Proof Tiles Wash Basin 51X40 Cleo 1170.00 1820.00 # ARCADIA GOD TILES Wash Basin 55X40 Delta 1350.00 2100.00 # ARCADIA GOD TILES |
| Flushing Cistern Plastic High Level /Low Level Mob. : 94151858 Spids ISI 650.00 to 780.00 To 780.00 Mob. : 94151858 Spids ISI 650.00 to 780.00 To 780.00 Mob. : 94151858 Diplast/Agarwal /Unique /HSI 625.00 to 740.00 To To Mob. : 94151858 Orissa Pan 530 mm 1610.00 2500.00 Orissa Pan 580 mm 2150.00 3340.00 Saddon |
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| Orissa Pan 500 mm(Popular) 1580.00 2450.00 Orissa Pan 530 mm 1610.00 2500.00 Orissa Pan 580 mm 2150.00 3340.00 EWC S/P Papular 2110.00 3280.00 EWC S/P Slick 2220.00 3450.00 Anglo Indian S/P 4950.00 7680.00 LLC 10 Liter with fitting 4100.00 5830.00 LLC 10 Liter with fitting 1370.00 1580.00 PVC Cistern Slick Plus 1370.00 1580.00 PVC Cistern Sleek Dual Flush 1460.00 1670.00 Wash Basin 46X36 Windsor 1160.00 1820.00 Wash Basin 55X40 Cleo 1170.00 1820.00 Wash Basin 55X40 Delta 1350.00 210.000 |
| Orissa Pan 500 mm(Popular) 1580.00 2450.00 Orissa Pan 530 mm 1610.00 2500.00 Orissa Pan 580 mm 2150.00 3340.00 EWC S/P Papular 2110.00 3280.00 EWC S/P Slick 2220.00 3450.00 Anglo Indian S/P 4950.00 7680.00 LLC 10 Liter with fitting 4100.00 5830.00 LLC 10 Liter with fitting 1370.00 1580.00 PVC Cistern Slick Plus 1370.00 1580.00 PVC Cistern Sleek Dual Flush 1460.00 1670.00 Wash Basin 46X36 Windsor 1160.00 1820.00 Wash Basin 55X40 Cleo 1170.00 1820.00 Wash Basin 55X40 Delta 1350.00 210.000 |
| Orissa Pan 530 mm 1610.00 2500.00 Orissa Pan 580 mm 2150.00 3340.00 EWC S/P Papular 2110.00 3280.00 EWC S/P Slick 2220.00 3450.00 Anglo Indian S/P 4950.00 7680.00 LLC 10 Liter with fitting 4100.00 5830.00 LLC Dual Flush 5040.00 6990.00 PVC Cistern Slick Plus 1370.00 1580.00 PVC Cistern Sleek Dual Flush 1460.00 1670.00 Wash Basin 46X36 Windsor 1160.00 1820.00 Wash Basin 55X40 Cleo 1170.00 1820.00 Wash Basin 55X40 Delta 1350.00 2100.00 |
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| Anglo Indian S/P 2220100 7430.00 Anglo Indian S/P 4950.00 7680.00 LLC 10 Liter with fitting 4100.00 5830.00 LLC Dual Flush 5040.00 6990.00 PVC Cistern Slick Plus 1370.00 1580.00 PVC Cistern Sleek Dual Flush 1460.00 1670.00 Wall urinal FB 46X35 1340.00 2080.00 Wash Basin 45X36 Windsor 1160.00 1800.00 Wash Basin 55X40 Delta 1350.00 2100.00 |
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| Wash Basin 51X40 Cleo 1170.00 1820.00 SHOPEE * ARCADIA GOD TILES Wash Basin 55X40 Delta 1350.00 2100.00 ************************************ |
| Wash Basin 51X40 Cleo 11/0.00 1820.00 Crost L Wash Basin 55X40 Delta 1350.00 2100.00 |
| |
| Wash Basin 55 X40 Viking [650.00 2560.00] |
| |
| Pedestal Tall 2110.00 3280.00 EWC Coupled Clost Alpha 7070.00 10970.00 1 |
| EWC Coupled Clost Alpha 70/0.00 109/0.00 EWC Set Cleo 9930.00 15400.00 |
| EWC Set Constellation 11490.00 17810.00 TEAK TRIBE |
| L Sint 45-20-15-000 2(40.00 4100.00 |
| L Sink 43x30015mm 2040.00 4100.00 L Sink 53x43x18mm 4470.00 6930.00 K Sink 61x45x20mm 6580.00 10200.00 |
| K Sink 61x45x20mm 6580.00 10200.00 |
| Product Name CERA Sanitaryware Size MRP BEDS - SOFA SETS - RECLINERS END TABLES - CENTRE TABLES |
| CEREMONY One Piece EWC 220 mm 14990.00 |
| CATTLER One Piece EWC 220 mm 12990.00 2nd & 3rd floor, 589KHA/PN-9C & 9D, Sarpotganj |
| |
| CARSTAN MINI One Bisse FWC 225 mm 12000.00 |
| CAPNIVAL Pimless Wall Hung EWC P Trap 10400.00 WIOD.: +91.9415005847 / 91.9555341081 |
| CORDO Wall Hung EWC P Trap 8150.00 E-mail: sales@teaktribe.com / naveenahuja.tfs@gmail.cor |
| CRUSE Wall Hung EWC P Trap 8490.00 |
| CAMELIA Concealed EWC S Trap 4250.00 |
| CONGO Cistern COMPASS Cistern COMPASS Cistern COMPASS Cistern COMPASS Cistern COMPASS Cistern COMPASS Cistern |
| COMPASS Cistern 1950.00 RAWJEPLYVUUUL |
| |
| COLLAGE Pedestrial Wash Basin CANA Full Pedestrial Wash Basin 550 x 400 x 100 mm 550 x 400 x 210 mm 3000.00 SHARDWARE HOUSE |
| |
| CHEVRON Concealed Cistern 500 x 90 x 460 mm 5400.00 |
| CALBURT MINI Wash Basin 340 x 300 x 120 mm 3590.00 |
| CAFÉ Wash Basins 600 x 400 x 160 mm 7300.00 (Greenply) (AUSTIN) Sylvant (Greenply) |
| OVAL Counter wash Bashis 500 x400 x 205 min 5190.00 |
| CALIFORNIA Wall Hung Wash Basin 450 x 320 x 130 mm 3040.00 |
| CHIME Wash Basin 460 x 350 x 180 mm 2040.00 Ramji Market, Takhwa, Viraj Khand-5, Gomti Nagar, Lucknow-22601 |
| CAPRIANA Urinal 375 x 390 x 590 mm 5990.00 Contact +91-9415017632, 0522-2721005, E-mail : ramjiplywood@gmail.c |
| ORRISA PAN-Covyana 580 x 440 mm 2080.00 |
| GARNET Wall Mixer 4960.00 |
| VICTOR Wall Mixer 5090.00 |
| RUBY Wall Mixer 7695.00 TILES S/ |
| DORA Lite Kitchen Sink S10 x 430 mm 4/70.00 |
| NICH STREET |
| SOMANY Size Rate Qty. PIPE & FITTIN ECST |
| |
| White Tiles8x8540.0025 pc.Plain Colour Tiles8x8680.00" |
| |
| |
| Special Colour 8x8 /05.00 www.rajdhanisanitary.ii White 8x12 375.00 15 pc. |
| |
| Plain Colour8x12500.00"RAJDHANI SANITARYNear Bank of Baroda, Hardoi Road, Balaganj, Lucknow |
| Special Colour SX12 S80.00 WHOLESALE & RETAIL Contact: 0522-2408720, 99192712 |
| |

| ARK TERRA / | PLUTU | S / OT | HER R | ANGE | |
|---|--|---|--|---|---|
| Dilles Tes Less 11 DD 15 | (22) | | | Rate Per Pc | |
| Pillar Tap, Imperial FF 15mm (¹ / ₂ Bib Tap, Vintage Short Body 15 | | | | 1103.00 " 999.00 " | 0.0 |
| Bib / Sink Tap Swivel with HU | | m | | 2169.00 " | |
| Angle Stop Valve, Two way 15n | | | | 1346.00 " | 0.0 |
| Concealed Stop Valve, F/A 15-5 | | | | 1112.00 " | |
| Basin One Hole Mixer with HU | | | | 3776.00 " | |
| Wall Mixer 2 in 1, Imperial, FF | | egs 15mm (¹ | | 5274.00 " | • • |
| S/L Concealed Divertor One Ou S/L Concealed High Flow Diver | | | | 2988.00 | 5 |
| Single Lever Concealed Diverto | | | | 5720.00 " 6341.00 " | ~~~ |
| Bath Spout Tip-Ton L-125mm, | | | | 1827.00 " | |
| Bib Tap, Vintage, Short Body, 12 | 5mm (½") | | | 734.00 " | |
| Bib / Sink Tap Swivel, Vintage | 0 | (3/2) | | 1314.00 " | |
| Concealed Stop Valve, F/A 25-5 Angle Stop Valve, 15mm (¹ / ₂ ") | 0mm, 20mm | (74) | | 1058.00 " 531.00 " | |
| Overhead Shower, ABS,"Erica", | , Single Func | tion, Rain | | 356.00 " | ~ |
| Overhead Shower, ABS,"Berger | | | | 1674.00 " | |
| Hand Shower, ABS, "Jacob", Si | - | ı, Rain | | 738.00 " | ~ |
| Shower Arm "Mini", L95mm, 1 | | (22) | | 495.00 " | 8 |
| Fixed Wall Bracket "Classic", B Bottle Trap, 32mm (1 ¹ / ₄ ") with 1 | | | | 491.00 | 6 |
| Towel Rail, 610mm (24") | . ipe / 5 x 1 / 5 | () x/) | | 1751.00 " 1229.00 " | |
| Bib Tap, Elbow Action, Cadet, 1 | 5mm (½") | | | 1373.00 " | × |
| Auto Close Bib Tap, Instant Clo | | | | 1355.00 " | |
| Four Hole Bidet Mixer with Pop | -Up Waste C | oupling & S | hower 1 | 0256.00 " | ×. |
| LOCA | L GLA | ZED TI | LES | | 2 |
| White/Colour 300x200 250. | 00 ,, 400.00 |) | | 15 " | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| RIGID PVC | | | | | |
| Rigid PVC Plur | 0 | | | | 1 |
| Outer Diameter Inches | | Thickness | Price | (3 Mtr.) | |
| 20 mm ³ / ₄ " 32 mm 1" | | .4 mm .6 mm | | 120.00 170.00 | ×. |
| 42 mm $1^{1}/4^{2}$ | | .8 mm | | 230.00 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| 49 mm 1 ¹ / ₂ " | 2 | .0 mm | | 300.00 | |
| 63 mm 2" | 2 | .2 mm | | 430.00 | ~~~ |
| ISI CAST IRDI | N SOIL | PIPES | 5 & FIT | TINGS | 10 |
| D1 ' (37) I (' | 50 mm | 75 mm | 100 mm | | |
| Plain 'Y' Junction Door 'Y' Junction | 470.00 535.00 | 595.00 | 780.00 | 1900.00 | |
| P. Trap Plain | 520.00 | 670.00 590.00 | 900.00 690.00 | 2090.00 1565.00 | |
| Shoe | - | 355.00 | 420.00 | 1040.00 | |
| Loose Coller | 175.00 | 210.00 | 255.00 | 550.00 | |
| Cowel Gully Trap 4"x 4", 6" x 4" | 220.00 | 285.00 865.00 | 355.00 1050.00 | 1230.00 | · |
| Door Piece | 320.00 | 440.00 | 610.00 | 1880.00 | |
| Manhole Cover | 520.00 | 110.00 | 66.00 | per kg. | |
| Grating | | | 79.00 | ٤٤ | |
| PIG Lead High Level Cistern ISI 10 L | tr | | 188.00 | " | |
| High Level Cistern ISI 10 L | u. | | 2871.00 | per pc. | |
| CHAIN | LINK | GALVA | NIZED | | |
| 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 | | S |
| 75 x 75 x 4 mm | | | 320.00 | per kg. | |
| Stainless Steel Chain Link | | | 400.00 | | |
| CAST IRON | | | | | |
| Cast Iron Pipes - ISS:1536 | | Price (ISI) | Meter Size | Price/Meter | |
| 80 mm | | 0.00 | 100 mm | 1500.00 | |
| 1.50 | 220 | 0.00 | 200 mm 300 mm | 2850.00 4600.00 | |
| 150 mm 250 mm | 280 | 0.00 | | 1000.00 | 1 |
| 250 mm | 380 Pipes - ISS | :7181 Clas | 55 D | | 1 |
| | Pipes - ISS | 8:7181 Clas 8.00 | 200 mm | 4683.00 | |
| 250 mm Cast Iron Double Flanged 80 mm 100 mm | Pipes - ISS 157 201 | 8.00 0.00 | 200 mm 250 mm | 6343.00 | |
| 250 mm Cast Iron Double Flanged 80 mm 100 mm 150 mm | Pipes - ISS 157 201 322 | 8.00 0.00 8.00 | 200 mm 250 mm 300 mm | 6343.00 8197.00 | |
| 250 mm Cast Iron Double Flanged 80 mm 100 mm 150 mm C.I. Sluice Valves - ISS:780 | Pipes - ISS 157 201 322 0 & ISS:29 | 8.00 0.00 8.00 06 Class I | 200 mm 250 mm 300 mm 'MEC' mal | 6343.00 8197.00 ce ISI | |
| 250 mm Cast Iron Double Flanged 80 mm 100 mm 150 mm | Pipes - ISS 157 201 322 0 & ISS:29 328 | 8.00 0.00 8.00 | 200 mm 250 mm 300 mm | 6343.00 8197.00 | |
| 250 mm Cast Iron Double Flanged 80 mm 100 mm C.I. Sluice Valves - ISS:78 80 mm 100 mm 125 mm | Pipes - ISS 157 201 322 0 & ISS:29 328 438 547 | 8.00 0.00 8.00 06 Class I 6.00 2.00 7.00 | 200 mm 250 mm 300 mm 'MEC' mal 200 mm | 6343.00 8197.00 xe ISI 12500.00 | |
| 250 mm Cast Iron Double Flanged 80 mm 100 mm 150 mm C.I. Sluice Valves - ISS:786 80 mm 100 mm 125 mm 150 mm | Pipes - ISS 157 201 322 0 & ISS:29 328 438 547 830 | 8.00 0.00 8.00 06 Class I 6.00 2.00 | 200 mm 250 mm 300 mm 'MEC' mal 200 mm 250 mm | 6343.00 8197.00 te ISI 12500.00 14500.00 | |
| 250 mm Cast Iron Double Flanged 80 mm 100 mm C.I. Sluice Valves - ISS:78 80 mm 100 mm 125 mm | Pipes - ISS 157 201 322 0 & ISS:29 328 438 547 830 | 8.00 0.00 8.00 06 Class I 6.00 2.00 7.00 | 200 mm 250 mm 300 mm 'MEC' mał 200 mm 250 mm 300 mm | 6343.00 8197.00 te ISI 12500.00 14500.00 | |



K R I S H N A PLY & HARDWARES

| PĽ | YWOOD, Y | WPC | & LA | MINA | TES | |
|--|--|-----------------------------------|--|---|---|---|
| Plywood MR=Sainik/Ecotec/ BWP=Century/Gre AMUL PLY (BWP) SWAN PLYWOOD | en/Archid/Duro | 48.0 40.0 | 0 50.00 5 0 58.00 7 0 50 | 55.00 70.00 72.50 90.00 .00 65 | 0 132.00 .00 75.00 | |
| MR BWR BLOCK BOARD | | 30.0 WATER | | 35.00 44.00 47.00 55.00 MI | 0 85.00 | |
| Century/Green/Dur Silvi/Ecotec/Sainik | | 19 mm 120.00 95.00 | 25 mn 160.00 115.00 |) 10 | mm 0.00 0.00 | per. Sq.ft per. Sq.ft |
| Amul Swan (MR) B/B | | - | - | 65 | 5.00 | per. Sq.ft per. Sq.ft |
| Shuttering Plywoo Duro/Greenply/Cen Filmface PlyWood | tury (ISI-4990) | | 8mm | | 5.00 2.00 18mm | per. Sq.m per. Sq.m 25mm |
| AMULYA PREMIU AMULYA ELITE (Bison Panal (Cem | WPČ) | 65.50 73.73 al Board 8mm | 80.27 94.27) 10mm | |) 167.07) 196.00 | 231.47 |
| Mica Sheet(Size 8' | 30.00 X 4') Rates per | 40.00 | 50.00 | 60.00 | 80.00 | 100.00 |
| Amulya/Green Tou Virgo/Deco-Lux/ Asis/VIR/Stylem,(S Century/Royal Tou Amulya/Heriage/Vi Falce Cealing Gypboard | SF) ch/ Greenlam/Arc | | 0.8 1.0 1.0 1.0 12.5 | mm 7 mm 12 mm 12 mm 12 mm 12 mm 9. | 75.00 75.00 200.00 50.00 50.00 5 mm 54.00 | sq.mtr |
| Gyp Tile Plain (0.59 Decorative Sheet Acrelic Solid Surfa | | <i>,</i> |)6 mm Ba | | 65.00 550 | each each |
| LG/REHAN/CORI Wood Adhesive I 1 Fevicol SH Fevicol Marine Jivan Jor Wood Saver (Termi | AN Fermite Protector | 1 | 12 mm Ba 1 kg 205.00 235.00 195.00 255.00 | | 800 5 kg 945.00 1095.00 895.00 1200.00 | each 10 kg 1810.00 2105.00 1706.00 |
| GST Extra | HA | RDV | VARE | : | | |
| Iron Hinges Gare/Elite (ISI) | Per doz. 2" | | 3 00 155 | - | 5 | |
| Iron Wood Scr Po | | e) : | 12mm 68.00 30mm 38.00 | 15mm 88.00 35mm 44.00 | 20m 68.0 45m | m 25mm 0 58.00 m 50mm |
| Tower Bolts Iron Oxydised Iron C.P Aluminium Tow | ver Bolts | 10 n 9 m | | 4" | 58. 58. 6 " | 00 per rft. 00 " |
| Jewel / 24 Karat Shivalik 10 mm GST Extra | Per d | | 370.00 290.00 | 450.00 345.00 | | |
| | | EAD | ING | | | |
| Topper | Size (I $\frac{1}{2} \times \frac{1}{2}$ $\frac{1}{2} \times \frac{3}{4}$ | | Ist 4.25 5.00 | 3 | nd .00 .50 | Run fit |
| | ³ / ₄ x ³ / ₄ 1 x ³ / ₄ | , | 6.00 7.50 | 6 | .75 .50 | 66 66 66 |
| Plain | 1½ x ¾ 22 x 00 35 x 00 | 5 | $11.00 \\ 4.00 \\ 8.50$ | 2 | .00 .25 .00 | Run fit |
| | 22 x 10 35 x 10 |) | 7.00 10.50 | 5 | .00 .00 | 66 66 |
| Half Round | 1/2 3/4 | 5 | 4.25 | 2 | .25 .00 | Run fit |
| | $1^{1/2}$ | | 6.75 8.50 10.00 | 4 5 | .50 .50 .50 | 66 66 |
| HYDRAUL | .IC DOOR C | LOSE | | | | INGS |
| Door Closer Amar ISI | Light 475.00 | | leavy 50.00 | | | Each |
| Sandhu ISI | 345.00 | | - | | | |
| Floor Springs Amar ISI | Light 1030.00 | | Heavy 500.00 | | eek 50.00 | Each |
| Sandhu ISI Ebco | 945.00 | 11 | 150.00 400.00 | | 40.00 - | GST 18% |
| FLUSH DO | JORS | | | | | |
| ISI Marked (152 | | | | | D | |
| Century 30mm 2150.00 | | gend Fa 1700.00 | | upreme 500.00 | Rama 1800.00 | per.sq.mtr |



| | | IMBEF | | | | |
|--|-------------------------------|----------------------|----------------|----------------------|------------------|---|
| Deodar Sleeper 3. | | 8000.00 | | 9100.00 | Each | |
| 1 | 05 x25 x13 | 1900.00 |) to | 3600.00 | | |
| Deodar (Rectangu Kail Rectangular/ | | | | 84756.00 56504.00 | per cubic mtr | |
| Teak Wood Log (I | | 23000.00 |) to | 141260.00 | ** | |
| U (| Nigeria) | 44150.00 | | 93000.00 | ,, | |
| Teak Wood Cut Si | 0 / | 37086.00 | | 88288.00 | ** | |
| C.P. Teak Wood S | leeper | 88300.00 |) to | 194232.00 | ** | |
| Salwood (Cut Size | e) | 38852.00 |) to | 97116.00 | ** | |
| Salwood Log | | 40618.00 | | 105945.00 | ** | |
| Sheesham | | 30022.00 |) to | 65000.00 | ** | |
| Mango Mirindi | | | | 24000.00 51000.00 | ** | |
| New Zealand Pine | Sleener | | | 800.00 | per cu.ft. | |
| GST Extra | Sicepci | | | 800.00 | per cu.n. | |
| PRAYAG BR | | | | | | |
| | | | | | | |
| Single Bowl (ISI | Mark) | 16x18 | | 17x20x8 | 18x22x8 | |
| 304 Super Steel | | 2725. | | 3044.00 | 3168.00 | |
| | | 24x18 | | 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 | |
| Double Bowl Sin | k | 32x20 | x8 | 37x18x8 | 45x20x8 | |
| (ISI Mark) | | 6531. | 00 | 6885.00 | 8354.00 | ļ |
| 304 Super Steel S | S.S. Plate Rack | as 24x24 | x10 | 24x30x10 | 24x36x10 | |
| | | 4230. | 00 | 4637.00 | 5380.00 | |
| | | 31x30 | x10 | 31x36x10 | | |
| | | 5584. | 00 | 6266.00 | | |
| CPVC PIPE | 5 | | | | | |
| Available 385 mt | r longth (SCH | 40) | | | | |
| Size in | Normal Size | Part No. | Part N | No. Std. Pkg | . MRP/Mtr. | |
| (Inch) | (in mm) | 3 mtr. | 5 mt | | , which / white. | |
| 21/2 | 65 | C-9201 | C-92 | | 947.00 | |
| 3 | 80 | C-9202 | C-92 | | 1231.00 | |
| 4 | 100 | C-9203 | C-92 | 13 03 | 1750.00 | |
| Available 385 mt | | | | | | |
| Size in | Normal Size | Part No. 3 mtr. | Part N 5 mt | | g. MRP/Mtr. | |
| (Inch) $2\frac{1}{2}$ | (in mm) 65 | C-9301 | C-93 | | 1293.00 | |
| 3 | 80 | C-9302 | C-93 | | 1743.00 | |
| 4 | 100 | C-9303 | C-93 | 13 03 | 2587.00 | |
| Pipe (SDR II)385 | | | | | | |
| Size in | Normal Size | Part No. | Part N | | g. MRP/Mtr. | |
| (Inch) | (in mm) 15 | 3 mtr. C-9101 | 5 mt C-91 | | 78 00 | |
| 1/2 3/4 | 20 | C-9101 C-9102 | C-91 C-91 | | 78.00 94.00 | |
| 1 | 25 | C-9102 | C-91 | | 125.00 | |
| 11/4 | 32 | C-9104 | C-91 | | 187.00 | |
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| Five Layers Flow | Jet | 5/L | | 6.40 |) per ltr. | |
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| Reno | | D/L | | 4.90 | | |
| Tirupati | | T/L | | 5.35 | | |
| J.S. Polypast | | D/L | | 5.75 | 5 " | |
| | | | | a. a | | |
| J.S. Polypast | | T/L (U.) | V. Stab | · · · · · | | |
| J.S. Polypast J.S. Polypast (ISI) | · · · · · | | V. Stab | 6.50 |) " | |
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| | SUBME | ERSI | BLE F | РИМР | | |
|-------------------------------------|---------------------|-------------------|------------------------|------------------------|------------------|------------------|
| | Stage 7 | | mark | Arise 8000.0 | | loter |
| 0.75 h.p 1.00 h.p | 10 | | 0.00 | 8500.0 | | 00.00 |
| 1.50 h.p | 12 | | 00.00 | 10500.0 | | 00.00 |
| 2.00 h.p | 10 | | 00.00 | - | | 00.00 |
| 3.00 h.p | 9 | 1900 | 00.00 | - | 155 | 00.00 |
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| CO No. 2 | 90.00 | | 400.00 | | 1250.00 | |
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| Bhawani make | 140.00 | 175.00 | 270.00 | 0 430.00 | 500.00 | " |



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Builders' Friend July 2024 58

| WALL, WINDO | W & FL | OOR CO | JVERI | ۷G |
|---------------------------------|-----------|-----------|-----------|----------|
| Unitex Wall paper Sale | | | 1000.00 | Per Roll |
| Gratex Wall paper | | 200.00 to | 500.00 | sq.mtr. |
| IMPORTED WALL PAPER | | 400.00 to | 8000.00 | " |
| Unitex Carpet | | 150.00 to | 800.00 | " |
| Armstrong Mineral Fiber | | | | |
| False-Ceiling System | | 550.00 to | 2500.00 | " |
| Armstrong PVC Flooring | | 2.0 mm | 475.00 | " |
| VISTA Blinds & Rods | | | | |
| Vista Shree View Venetian Bli | nds | 25 mm | 1965.00 | sq.mtr. |
| Vista Classic Venetian Blinds | | 25 mm | 1450.00 | " |
| Vista Dust Guard Sheerview E | Blinds | 25 mm | 1965.00 | " |
| Vista Venetian Verticals Blinds | s | 100 mm | 1450.00 | " |
| Vista Ecoline Verticals Blinds | | 100 mm | 892.00 | " |
| Vista Black Out Vertical Blind | lss | 100 mm | 2002.00 | " |
| Vista Micro Vertical Blinds | | 89 mm | 2366.00 | " |
| VISTA Curtain Rods | Models I | | 110.00 | Rft. |
| | Models II | | 130.00 | ۰. |
| Golden Ring & Finals | Models I | | 120.00 | " |
| | Models II | | 140.00 | " |
| Vista Laminated Flooring | | 800.00 to | 1000.00 | sq.mtr. |
| Readymade Cornice | | 20.00 to | 50.00 | per Rft. |
| AARCEE Wallpaper | | 19.00 to | 259.00 | sq.ft. |
| AARCEE Star | | | 19.00 | ۰. |
| AARCEE Rainbow | | | 29.00 | " |
| AARCEE Interior | | | 39.00 | " |
| AARCEE Pyramid | | | 59.00 | " |
| AARCEE Eternity | | | 69.00 | " |
| AARCEE Freestyle | | | 89.00 | " |
| AARCEE Kids | | | 89.00 | " |
| AARCEE Shining | | | 89.00 | ۰۰. |
| AARCEE Mica | | | 259.00 | " |
| VAT extra | | | | |
| Vista Original-Wooden Floo | oring | | | |
| AC-4 | | 145.00 | to 227.00 | " |
| Magic Turf (Grass) Unitex | | 165.00 | to 430.00 | " |
| GST Extra | | | | |
| W | ALL PA | PER | | |

Brand Excel Living Walls / A.s - Germany Living Walls / A.s - Germany GNI - Korea GNI - Korea Granddeco - Belgium DID Korea Excel Excel Wall Quest - USA GNI - Korea Living Walls / A.s - Germany Living Walls / A.s - Germany GNI - Korea Living Walls / A.s - Germany Marburg - Germany Living Walls / A.s - Germany Living Walls / A.s - Germany Excel Excel Excel Living Walls / A.s - Germany

Collection/Book Name Rate / Roll Metalica Sensation New 5,300.00 Just Brilliant New 3,900.00 Hermitage New 4,900.00 Damask New 2,800.00 Avenue New 2,800,00 Hidden Richness New 4,700.00 D&D - Vol - 13 3,200.00 Metallica II 5,300.00 Vidia 3,500.00 Kashmir 8,700.00 Blossom New 2,800.00 Cheteau 4 New 3,600.00 Contezen 4 New 4 200 00 Andante New 2,800,00 Life 3,900.00 Wood'n Stone 4,700.00 Bohemian 5,100.00 Boys N Girls 4 3,100.00 LA Veneziana 2 5,100.00 Best of A. S 3,900.00 Kaia 4,300.00 2,800.00 New Eurostvle LE Reve 3.600.00 AlsIce 4,500.00 MV PRO & Protect - II 3,000.00

ONE STOP SHOP FOR INTERIOR DECORATION MATERIAL



| CEMENT TIL | .ES & P/ | AVERS | | | |
|--------------------------------------|----------------|--------------------|----------|--------------------|------------|
| Hydraulically Press | ed Cement T | iles | | Mos | aia |
| Chequred 10 | x 10 R-0 | Col Grey | 7 | W-Col | R-Col |
| | r tiles) $32.$ | | | 37.00 | 33.00 |
| Grouting Compoun | <i>,</i> | 12.00 | to 18 | .00 per Kg | |
| Interlocking Pavers | | 12.00 | 10 10 | .oo per rig | |
| Thickness | Shape | | 80 mi | m 60 mm | 40 mm |
| Grey | Dumble | | 29.00 | | 19.00 |
| Coloured | Dumble | | 33.00 | | 25.00 |
| Kerb Stones | 400 x 250 x | 125 mm | | 105.00 | each |
| Vibro Tiles Zigzag | Grey | | | 35.00 | " |
| | Red | | | 35.00 | " |
| FL | JRNISH | ING MA | TE | RIAL | |
| Deck venetian blind | | 1072.00 | to | 1550.00 | per sq.mtr |
| Deck wooden blind | | 2915.00 | to | 5335.00 | · |
| Deck timber chich bl | ind | 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 | $165.00 \\ 605.00$ | matu |
| Max dropry rod Max chanelles | | - | to to | 297.00 | mtr. " |
| Wooden rod | | - | to | 660.00 | " |
| Unitex loop pile carp | et | 49.00 | to | 88.00 | " |
| Trend double ribbed | | 19100 | 10 | 272.00 | " |
| Trend flat carpet | P | | | 152.00 | " |
| Marval rollar blind | | 154.00 | to | 265.00 | sq.ft. |
| Marval bamboo blind | ds | | | 180.00 | ` |
| Marval rod S.S | | 528.00 | to | 665.00 | " |
| Marval rod wood + S | SS | | | 317.00 | " |
| Marval rod range | | 70.00 | to | 754.00 | " |
| Marval vertical blind | | 96.00 | to | 156.00 | •• |
| Deck - WC vertical b | | | | 310.00 | |
| Deck - pantane roller | blind | | | 176.00 | |
| Туре | | 100.00 | | 140.00 | |
| Curtain cloth Shair Curtain cloth | | 100.00 | | 440.00 440.00 | per mtr. |
| Sofa cloth | | 215.00 | | 550.00 | " |
| Bed sheet | | 385.00 | | | per set |
| Bed cover | | 385.00 | | | " |
| Mattress | | 1650.00 | | | per pc |
| Blanket SB soft | | 1045.00 | | | r r - " |
| Blanket DB Soft | | 1650.00 | | | " |
| Laminated Wooden H | Flooring | 83.00 | to | 193.00 | per sqft |
| Solid Wooden Floori | ng | 260.00 | to | 600.00 | " |
| Roman Blind | | 77.00 | to | 275.00 | " |
| Wooden Blind | | 3080.00 | | 00.00 | " |
| Drapery Rods | | 50.00 | | 330.00 | per rtf. |
| MAC Vertical Blind | | 1218.00 | | | per sqmtr |
| MAC Rollr Blind | | 1986.00 | | | |
| MAC Penels | | 1685.00 | | | |
| MAC Roman MAC Venetians Blin | d | 3112.00 1092.00 | | | |
| MAC Wooden Blind | | 4620.00 | | | " |
| MAC wooden Blind MAC Spring Blind | | T020.00 | .0 110 | 8116.00 | " |
| MAC Aptimus Blind | | 8740.00 | to 998 | | " |
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| RangeThickneExotica8.3 mm | ss Specs (Rs./Sq.ft.) AC-3 95.00 |
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| Loft 8.0 mm | |
| Loft 8.0 mm | |
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| For Wood & Wall All Companies | 1990.00 995.00 400 to to t | 0.00 110.00 60.00 b to to | | apers of Asian Paints .atouch Road, Lucknow-226018. |
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| All Companies | to t | b to to 0.00 180.00 100.00 | | |
| Exterior Emulsion Ist Quality | 20 ltr. 10 ltr. | 4 ltr. 1ltr. 750.00 200.00 | | |
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| Nerolac / Extra (Shalimar) Exterior Finish IInd Quality | 6000.00 3250.00 | 1400.00 325.00 | | |
| Ace (Asian), Walmasta (Berger), Shaktimaan (Shalimar) | 1950.00 1100.00 to to | 450.00 140.00 to to | | ICEPTS PVT. LTD. |
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| * | 900.00 to 1000.00 | Drum of 20 Ltr. | Light Ar | chitecture 🛸 |
| Varnish | 120.00 to 160.00 1800.00 to 2200.00 | per Ltr. (Loose) Drum of 20 Ltr. | | |
| Plaster of Paris Whiting | 140.00 to 250.00 280.00 to 400.00 | Bag 20 Kg Bag 20 Kg | AAAA | |
| Thinner NC Thinner All Companies | 120.00 to 175.00 | hr. | TANKA | |
| Local Snowcem | | | 2 TANK | |
| Sivercem / Goldcem | 325.00 375.00 | 20 kg Bag 25 Kg bag | | |
| Texture Paint Super Fine (WR) | 1000.00 | 25 Kg Bag | | |
| Super Fine Rustic Furnish (DECO) | 1600.00 1000.00 | 25 Kg Bag 25 kg bag | | |
| NCL Putty The exact rates of the product dep | 740.00 pends upon the Shade & C | 40 Kg Bag ompany you choose | HALL MAINTER CO. | |
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| Multiwall Sheet 6mm 8mm 10mm sq.ft. 50.00 - 70.00 " | 2 10 200 |
| Compact Clear/Bronze Sheet 1mm 2mm 3mm 4mm 48.00 85.00 140.00 220.00 " | Exall . |
| Embossed Clear/Bronze 140.00 30.00 140.00 220.00 & Colour Sheet 1mm 2mm 3mm 4mm 50.00 85.00 140.00 180.00 " | F |
| 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 | |
| A.C. Fram Sheet 4m thick 270.00 334.00 " 6 mm thick 384.00 545.00 " | - |
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| Name of Glass 3mm 3.5mm 4mm 5mm 6mm Toughend 210.00 245.00 280.00 350.00 420.00 Bazri 195.00 228.00 325.00 420.00 Brown Gray 450.00 550.00 550.00 | GENE |
| Saint Gobin Laqured 2150.00 4000.00 Glass (in diff. colour) 2150.00 4000.00 MIRROR 645.00 800.00 1000.00 ASAHI OPEL 357.00 510.00 510.00 Saint Gobin (in diff. colour) Ref. 580.00 700.00 510.00 | Manu uPVC Doors Light weight, Resistant |
| 8mm 10mm 12mm 19mm Toughend 1184.00 1292.00 1400.00 6600.00 Plain 770.00 920.00 1100.00 3000.00 Bazri 1100.00 1200.00 1350.00 | Zero Mainten Sist Office: B/5, Upper G Pho |
| HARDWARE OF OZONE (ARCHITECTURAL) | |
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| Ecowin u-PVC Window & 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 to 650.00 " | FA |
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| Mason | 750 | 675 | 700 | 700 | 700 | 700 | 700 | 675 | 725 | 675 | 700 | 700 | 700 | 750 | 700 | 675 | 675 |
| Mason Expert | 800 | 700 | 750 | 750 | 750 | 725 | 750 | 800 | 725 | 725 | 725 | 725 | 750 | 800 | 725 | 725 | 725 |
| Carpenter | 800 | 700 | 725 | 725 | 725 | 600 | 600 | 600 | 625 | 600 | 625 | 600 | 725 | 775 | 725 | 725 | 725 |
| Painter | 600 | 575 | 575 | 600 | 625 | 600 | 600 | 600 | 600 | 600 | 600 | 750 | 600 | 700 | 600 | 600 | 600 |
| Black Smith | 650 | 600 | 600 | 850 | 750 | 750 | 750 | 500 | 500 | 500 | 550 | 500 | 600 | 700 | 600 | 600 | 600 |
| Plumber | 800 | 750 | 750 | 750 | 500 | 500 | 500 | 500 | 500 | 600 | 500 | 500 | 775 | 850 | 750 | 750 | 750 |
| Expert Labourer | 550 | 475 | 500 | 500 | 450 | 550 | 450 | 450 | 450 | 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 2023 to January 2024 is as under:

| Month/Year | JUNE | JULY | AUG | SEP | ОСТ | NOV | DEC | JAN | FEB | MAR | APRIL | MAY |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2023-2024 | 146.2 | 145.3 | 149.6 | 153.1 | 153.1 | 154.1 | 154.2 | 154.8 | 154.9 | 152.1 | 154.8 | 150.6 |

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 2024 is as under:

| Month/Year | JUNE | JULY | AUG | SEP | ОСТ | NOV | DEC | JAN | FEB | MAR | APRIL | MAY |
|------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2023-20024 | 151 | 151.1 | 149.4 | 148.9 | 151.9 | 152.4 | 151.5 | 152.1 | 152.1 | 151.4 | 153 | 153.3 |

| 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 | Surat 52000 MADHYA PRADESH KARNATKA | | ГКА | RAJAST | HAN | 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 | HARYANA | | 50000 | PUNJAB | | Alwar | 14000 | Ghaziabad | 5000 |
| BIHAR | | Panipat | 12000 | Raipur | 51000 | Amritsar | 20000 | Beawar | 19000 | WEST BEN | IGAL |
| Patna | 45000 | Kama | 10500 | MAHARASHTRA | | Rajpura | 16000 | UTTAR PRADESH | | 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 |
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www.hindware.com

Dash Square Introduces Captivating Lux Kitchens



Dash Square has now partnered with Scavolini (Italy) to provide unparalleled grandeur in luxury kitchen aesthetics. A captivating, Grey textured wooden sunmica can be paired with the pristine allure of white Italian marble countertops. Or embrace a rustic charm by pairing brown wood and black metal high shelves.

www.dashsquare.com

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Crafted with precision and elegance, the Inspire Safegrip Collection from Orientbell Tiles features GVT anti-skid tiles in a convenient 600x600 mm size. Its luxurious matte finish remains clean, even with regular use. It also resists stains, ensuring a timeless elegance. Certified as R11, it is one of the most slipresistant surfaces even in wet conditions.

Orientbell Tiles unveiled the Inspire Safegrip Collection, a collection that is dedicated to safety and sophistication.

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www.orientbell.com

Earthy Laminate Flooring



Action TESA has unveiled new earthy shades of high-density fibreboard (HDF) laminate flooring in 8 and 12 mm thicknesses, with a wear-resistant surface layer. It consists of four layers including a printed decorative paper that replicates wood grain or patterns, a HDF core and a balancing paper that enhances stability and prevents warping. The final layer features an aluminium oxide-coated tissue, providing remarkable resistance against impact, scratches, burns and stains.

www.actiontesa.com

Murfor Compact A The New Standard in Autoclaved Aerated Concrete Masonry Reinforcement



Introduction of Murfor Compact A

What is Murfor Compact and how does it work?

Murfor Compact A: the new standard in Autoclaved Aerated Concrete (AAC) masonry reinforcement, each 30m roll consists of a sturdy steel cord mesh and interwoven fibreglass roving.

Controlling crack formation and increasing structural capacity in masonry is one of the many challenges of a construction project. AAC Masonry has a high compressive strength, but the tensile strength is limited. Reinforce AAC masonry with Murfor Compact A to add strength and prevent cracks.

Murfor Compact enhances the structural performance of the wall by increasing the tensile capacity of the masonry, which significantly increases the in plane and out of plane capacities of the structure. This allows for greater moment capacities without alterations to the materials used or the dimensions of the panel. Murfor Compact is certified through ETA 18/0316 for structural use, which allows for CE marking of the product.

We can rely on this new generation of Masonry reinforcement for the following applications:

Structural applications.

- Crack control (including above and below window and in a given panel).
- Increasing spacing between movement joints.

Benefits of Murfor Compact A

The unique structure and user-friendly size of Murfor Compact A not only enhances the strength of Masonry construction, it also optimizes building process and use of materials.

- Fast and simple installation -Just roll out Murfor Compact Aon blocks and cut it to size; no overlaps required and less material loss in the process. One roll of Murfor Compact has 30m of reinforcement, and only weights about 3 kg, about 10 times less than regular masonry reinforcement of the same length. The light-weight rolls are safer to lift, carry and use.
- **Efficient and durable crack control** Murfor Compact A controls cracks and strengthens masonry. The sturdy mesh of steel cords has exceptionally high yield strength.
- Easy to stack and transport Murfor Compact A rolls have a low volume, which has several economic and logistical advantages. You can easily stack the rolls so that they take up less space in storage and transport.
- Accommodates any wall width Murfor Compact A can be used for any wall width. The reinforcement is available in two convenient width options A-80 &A-40 that can be easily combined to reinforce any wall width.
- **Murfor Compact** A is suitable for all Mortar joints with thickness between 3 mm to 12 mm.

Benefits of Murfor Compact A

The unique structure and user-friendly size of Murfor Compact A not only enhances the strength of Masonry construction, it also optimizes building process and use of materials.

Comparison of Murfor Compact A with Conventional RCC Band

- 1) Much lighter than RCC band, further reduces dead load of MC Masonry.
- 2) Eliminates thermal bridging, ensures more efficient insulation and will reduce recurring energy cost.
- 3) Fast, Simple and Dry Installation ensures high labour productivity.
- 4) Easy to Stock & Store ensures less requirement of Store Area at Site and handling
- 5) Controls crack in MC Block masonry ensures minimal maintenance and repairing costs.
- 6) Lesser Inventory/ handling of Steel, Cement, Sand etc. ensures ease of execution and better workability.

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FORTHCOMING EVENT



D- ARC BUILD Expo New Delhi 2024

Date : 02nd - 04th August, 2024 Venue : Pragati Maidan, New Delhi

"The world of Endless Opportunities" - You are invited to join the European Chiropractors' Union for the ECU2024 Convention in Valencia, Spain. This event will be the largest gathering of chiropractic professionals, with contributions from healthcare experts worldwide. Don't miss out on the opportunity to benefit from collaborations and shared knowledge. Highlights -Popular among visitors for, Top 100 in Building & Construction in India, Display & Presentation, Exhibitors & Vendors - Recommended for - Architects & Interior Designers



Building, Architecture, Interiors & Construction Exhibition 2024

Date : 09th - 11th August 2024 Venue : Maniram Dewan Trade Centre, Guwahati

The Zak World of Facades is an International conference series on facade design & engineering. This conference will showcase sustainable innovations and challenges in the construction industry pertaining to the building envelope and will also display the latest technological solutions.



MATECIA - Building Material Exhibition 2024

Date : 23th - 25th August, 2024 Venue : IICC New Delhi, Choma

MATECIA Building Material Exhibition is a business exhibition in India that connects Exhibitors & Sponsors with Architects, Interior Retailers, Designers, Distributors, Agents, Builders, Government agencies, Project Consultants, Channel Partners and Dealers in the Building Material and Interior Products industry. It is from the 22-year-old reputed media house of SURFACES REPORTER, PLY REPORTER and FURNITURE DESIGN & TECHNOLOGY.



Intermat India 2024

Date : 26th - 28th September, 2024 Venue : Bombay Convention & Exhibition Centre, Mumbai

"The Indian Trade show For Construction and Infrastructure"

Intermat is the international trade show for construction machinery and materials and among the top 3 construction show worldwide organized by Comexposium - the leading European Event Organisers. Comexposium has officially associated with Inter Ads - An Indian trade show organizer, to create a new INTERMAT India show which will provide the best access to the construction industry in the entire Indian region. India is one of the world's most dynamic and fast-growing regions companies and brands in a strategic location - Mumbai - Maharashtra, India.



Green Building Congress and Expo 2024

Date : 14th - 16th November, 2024

Venue : BIEC Bengaluru International Exhibition Centre, Bengaluru

Green Building Congress is an annual event that brings together industry professionals and leaders to discuss the latest developments and advancements in sustainable building practices. The event includes educational sessions, networking opportunities, and an expo that showcases the latest products and services related to sustainable building practices. The goal of the conference is to inspire and educate attendees on how to create healthier, more sustainable, homes, interiors, and sustainable energy practices for a better future.



INTERIOR EXPO 2024

Date : 25th - 27th July, 2024 Venue : Pragati Maidan, New Delhi



Date : 26th - 28th July, 2024 Venue : Pragati Maidan, New Delhi



Date : 16th - 18th July, 2024 Venue : Rail Mahal, Tiruchirappalli



Aug Construction Architecture **23** Interior Expo 2024

Date : 23rd - 25th July, 2024 Venue : Hitech City, Hyderabad

Aug MATECIA - BUILDING 23 MATERIAL EXHIBITION 2024

Date : 23rd - 25th August, 2024 Venue : Yashobhoomi, IICC New Delhi



: 30th August - 01st September, 2024 Date Venue : CODISSIA E Hall, Coimbatore



Earthcon Expo 2024

Date : 20th - 22nd September, 2024 Venue : Hitex Exhibition Center, Hyderabad



Oct World of Concrete 20 India 2024

Date :16th - 18nd October, 2024

Venue : Bombay Exhibition Centre (BEC), Mumbai

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