



B2B PURCHASE

for Project Procurement

Trending
Sustainable
**Construction
Chemicals**

How to achieve **COST** -effective **CRUSHING & SCREENING**

12 world-class
building & construction
materials at your
doorstep

Mines of the
future



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12 world-class building and construction materials at your doorstep
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Concreel HD cement and JSW PSC cement are quality cement which are specially designed for the next generation of cement in the cement sectors.

Lopamudra Sengupta, Vice President - Technical, JSW Cement

markets PAN India. The company has recently launched its priority dealer store in Kolkata and they plan to aggressively build up an extensive network of dealers across the state.

Doors & Windows

5 Window Roller shutter system

Mario Schmidt, Managing Director, Lingel Windows and Doors Technologies Pvt Ltd, says, "Window Roller shutter system can be installed on top or on front of the window and it can be even delivered with integrated mosquito mesh as well. It can also be integrated in one's home automation system too. The opening and closing time of one's roller shutter can be controlled via one's mobile."

Further, it provides natural sun shading to avoid the heating of the house, helps providing privacy during night so that large heavy curtains can

be avoided. It also gives good security to the windows and gives an additional noise reduction and protection against rain, water and storm.

Availability

Lingel has its presence in more than 24 cities and also have multiple showrooms. Lingel's flagship showroom is in Gurgaon and a new one has recently opened in Mumbai.

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Mario Schmidt,
Managing Director, Lingel Windows and Doors
Technologies Pvt Ltd

6 uPVC Windows and Doors

Window Magic offers Unplasticised Polyvinyl Chloride (uPVC) windows and doors which is the most advanced offering in the construction segment. Manish Bansal, Director, Window Magic India, informs, "uPVC material is a chemical compound consisting of carbon, chlorine and hydrogen. uPVC is very much economical and easy to produce as compared to timber. The material is eco-friendly and results in preventing deforestation by reducing the use of wood and timber for producing window and doors. uPVC has several advantages over wood and other materials. Some of these advantages are heat resistant, noise resistant, weather resistant, cost effective, recyclable and low maintenance."

Glass

7 AIS Ecosense - High performance energy efficient glass

Energy Efficient Glass ranges from AIS,



AIS Ecosense Enhance Cove

under the brand name of 'AIS Ecosense' provides the benefit of reducing the heat gain in buildings due to its excellent energy saving properties without compromising on the aesthetics that improve the value of the facade or allowing natural light inside the space.

Features of AIS Ecosense glass range

Vikram Khanna, COO - Consumer Glass, COO - Architectural Institutional Business, CMO, CIO, Asahi India Glass Ltd (AIS), informs, "AIS Ecosense comes in five ranges - Enhance (solar control), Exceed (solar control low-E), Essence (low-E), edge (solar control and thermal Insulation which can be used in SGU) and excel (double low-E) high-performance glasses. Ideal for solar and thermal insulating parameters, AIS Ecosense combines aesthetics with environmental sensibility and conforms to all green standards. AIS Ecosense performance parameters like visual light transmission, solar factor, u-value and internal reflection make buildings more energy efficient and ecologically viable."

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Manish Bansal,
Director, Window Magic India



French & Fixed window

12 world-class building and construction materials at your doorstep
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AIS Ecosense performance parameters like visual light transmission, solar factor, u-value and internal reflection make buildings more energy efficient and ecologically viable.

Vikram Khanna, COO – Consumer Glass, COO – Architectural Institutional Business, CMO, CIO, Asahi India Glass Ltd (AIS)

8 Tensile membrane structure
Tensile membrane structure the most advanced offering in the construction and infrastructural segment. Tensile fabric structure is a membrane (fabric) maintained under pre-stress (tension) state by structural elements supporting system.

Anil S Furia, Technical Director, Aakruti Tensio Structures & Facades Pvt Ltd, informs, “A tensile membrane structure is most often used as a roof as they can economically and attractively span large distance. This form of construction has only become more rigorously analysed and widespread in large structures after twentieth century.”

Advantages of tensile fabric structures

- Can disperse natural light with



Tensile membrane structurea

condensed heat load (excellent alternative to polycarbonate or glass as roof glazing system).

- Higher light transmission during daytime (sufficient to reduce artificial lighting requirement by 5 – 20 per cent).
- Absorbs solar energy (4 -17 per cent) and reduces the heat load.
- Low maintenance as compared to glass.
- Maximum structural fabrication is carried on off-site.
- Minimal site interruptions since the membranes structures are manufactured in the factories.
- No extension joints since the membranes structures are welded into

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A tensile membrane structure is most often used as a roof as they can economically and attractively span large distance.

Anil S Furia, Technical Director, Aakruti Tensio Structures & Facades Pvt Ltd

a single weatherproof skin.

- Designed for rapid construction.
- Larger span for more coverage.
- Variability in design and execution depending upon the desired output of the customer.

Insulation

9 Hardrock overdeck insulation – Rockwool

Vinay Pratap Singh, Business Unit Director, Roxul Rockwool Technical Insulation, says “Rockwool Hardrock overdeck insulation products are suitable for new and re-roofing applications on metal deck or concrete deck. It is approved by Factory



Trimo panel RCS

Mutual (FM) for Class 1 roof constructions in membrane roofing system.”

He adds, “Hardrock has excellent mechanical strength besides other properties. This makes the boards suitable for use with all mechanically fixed roof systems. Hardrock roofing boards easily bears incidental foot traffic associated with installation and routine maintenance inspections. Hardrock has a proven track record of more than 1 million sq.m. installation in projects across Asia.”

10 Rockwool Conrock
Rockwool Conrock products are specially designed in slabs and lamella for sandwich panels used in overdeck roofing system. It has excellent fire resistant properties, able to resist temperatures over 1,000-degree C. Singh opines, “With its high compression strength and stiffness, Conrock is also able to withstand strong wind while remaining durable even when exposed to high heat. It is the ideal fire safe insulation core for flat, smooth and functional sandwich panels.”

Roofing

11 MxSeam, MxLok and MxZiP
Today technology is changing the way roofing projects are executed while delivering improved systems design, increased productivity and safety and

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Rockwool Hardrock overdeck insulation products are suitable for new and re-roofing applications on metal deck or concrete deck.

Vinay Pratap Singh, Business Unit Director, Roxul Rockwool Technical Insulation India Pvt Ltd

reduced construction waste. Sanjeev Rai, Managing Director, Max Roofing Systems Pvt Ltd, states, "Considering the ever increasing demand of standing seam roofing system Maxroof has launched three standing seam roofing profiles MxSeam, MxLok and MxZip. These profiles offer outstanding design potential, performance and durability."

He adds, "While installing these profiles,



sheets are never punctured with screws which make it practically leak proof; No Holes means No Leaks. Further the seam allows the roof to 'breathe' so that any moisture occurring within the roofs evaporates away

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Considering the ever increasing demand of standing seam roofing system Maxroof have launched three standing seam roofing profiles MxSeam, MxLok and MxZip.

Sanjeev Rai, Managing Director,
Max Roofing Systems Pvt Ltd

and entire configuration of Roof remains in good conditions throughout its life."

12 Standing seam metal roofs
Standing seam metal roofs get their name from the way that they are built. They are constructed of metal panels that run from your ridge down to the edge of the roof. At the edge of each panel is a tall seam that connects to the next panel anywhere from 1/2-inch to 1-1/2-inch above the roof so it appears the seam is 'standing' which gives this system its characteristic, trendy, modern look. They can be made of steel or aluminum. The most preferred choice of many architects is undoubtedly the Galvalume standing seam roofs because of its longer life and cost efficiency.

Availability

The company has state-of-the-art manufacturing plant in Pune and sales offices all across India. With its quality products, best services and timely delivery Maxroof has earned trust of its customers and are still going strong! ■