

Green Tech Consultants Introduce Wonder Building Material

The construction industry's prayer for a wonder building material has just been heard. Extruded concrete is being touted as a hassle-free and perfect replacement to not just brick walls, but sound barriers, lintel, doors and windows as well.

Produced as panels, it is much lighter than brick, yet possesses greater strength, hardness and good compressive as well as bend strength. It has a perforation rate of 52-71 Percent .

A result of avant garde technology, it is industrially produced in a vacuum using high pressure extrusion. The raw materials used are cement, limestone, sand, fly ash and fibre derived from waste material like paper and nylon. Extruded concrete is energy saving, asbestos free and environment friendly.

There's more... the panels boast

a good fire rating, a seismic swing of nearly 1/60, and sound isolation > 41 dB. The superior insulation properties come from an excellent heat transfer coefficient, which results in high energy saving by optimizing air conditioning.

Relative moisture content in combination with superior water absorption ratio renders these panels ideal for wet areas like kitchens and bathrooms. Easy to maintain, their honeycomb structure and modular nature facilitate hassle-free inspection, maintenance and repair of water pipes they may conceal.

Pre-fabricated and mass produced, they are consistent in quality and hence all but eliminate the need for any finishing work at site, thus facilitating economy of time, manpower and resources. Desired finishes can be imparted at the factory itself.



"Extruded concrete is energy saving, asbestos free and environment friendly."

Leslie Frank

The best thing about extruded concrete panels is their diversity in use. From external and internal walls to sound barriers for highways and railways. They may be used to build retaining walls and as building components such as lintels, concrete casting, doors, windows, skirt boards, etc.

Henceforth if you still insist on traditional building components, you'll be wasting both time and resources. The technology is being marketed in India by Green Tech Consultants. Trade enquiries from parties with sound financials and keen to invest in setting up manufacturing facility for extruded concrete panels in India are solicited. ■

