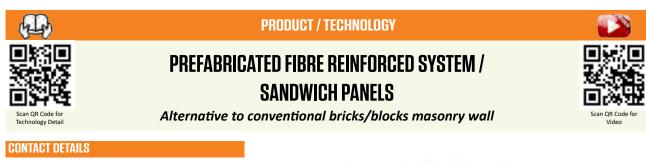






CATEGORY

PROVEN TECHNOLOGY CATEGORY : GHTC-INDIA



M/s HIL Ltd

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BRIEF

Aerocon panels are sandwich panels, made of two fibre reinforced cement facing sheets, on either sides of a lightweight concrete core. The core is made from a mix of Portland cement, binders and siliceous&micaceous material aggregate. These panels have a unique tongue and groove jointing system that facilitates rapid construction and are fully cured at the factory itself. These panels are of manufactured by using Flexo Board (FOB)/Fibre Cement Board (NT).



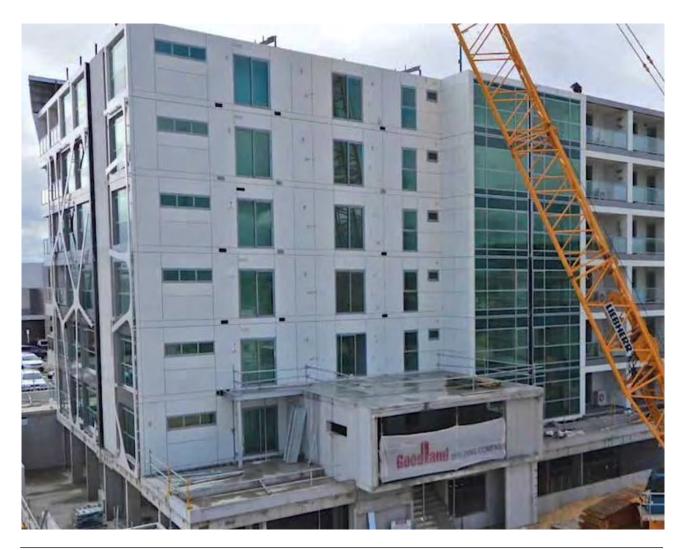
HIL

SALIENT FEATURES

- Cost effective.
- Superior thermal & acoustical insulation.
- Termite & mould resistant.
- Good fire resistance.
- Strong and durable.
- Multipurpose application.
- Faster Construction.
- Water Resistant.
- Buildingscanbeeasilyexpandedinlengthandaddingadditionalbays.

ECONOMIC ASPECTS

- DuetotheSystemapproach,thereisasignificantsavingindesign,manufacturingandonsiteerectioncost.
- More carpet area.
- Low maintenance cost.
- 5timesfasterthanBrickwork,therebysavingtime&cost.
- Addition3-5%carpetarea.



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SUSTAINABILITY ASPECT

- Reusable up to 80%.
- The product is green as core contains materials such as pulverized fly ash and light weight aggregate which make it light weight & environment friendly.
- Energy efficient with lower 'U' value.

SUITABILITY AND AVAILABILITY

- Suitable to all types of climate
- Available across the country.
- Can take any type of finishing.

LIMITATIONS, IF ANY

- The floor spans executed with movable forms shall not be more than 5.60 m.
- Suitable for single storey load bearing structure, as infill wall in Non-load bearing structures.





MARKET LINKAGES

• Available Pan India.

MAJOR PROJECTS

- Custom Cabins at Bhachau, Kutchh dist., Gujarat.
- Fysolate Pharma, Vizag
- Chatrapati Super Speciality Hospital at Mumbai.
- Fylfot Public School, Dehradun.
- Alpha International City, Karnal.
- Hostel block, Aligarh University.
- BM Birla Heart Research Centre, Kolkata
- Calcutta Medical Research Institute, Kolkata
- Birla Institute of Technology, Mesra, Ranchi
- Modern High School for Girls, Kolkata
- Rukmani Birla Modern High School, Jaipur.

CERTIFICATION\/INDIAN STANDARD/ENDORSEMENT

• Approved by BMTPC under PACS.

