

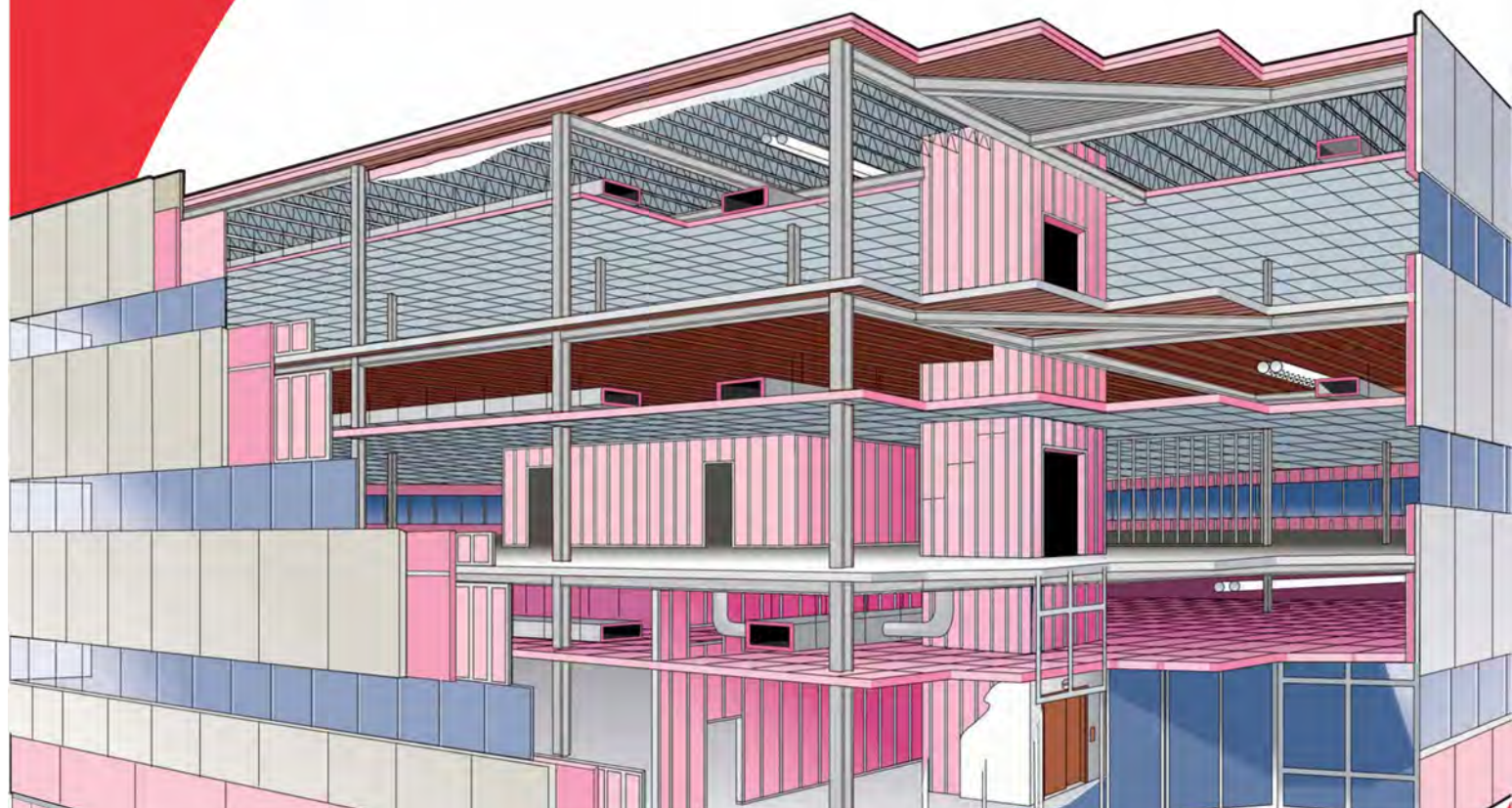
FOAMULAR®

Energy-Saving, Moisture-Resistant XPS Insulation

Largest point scoring opportunity
for green buildings



TOP TO BOTTOM
WE'VE GOT YOU COVERED





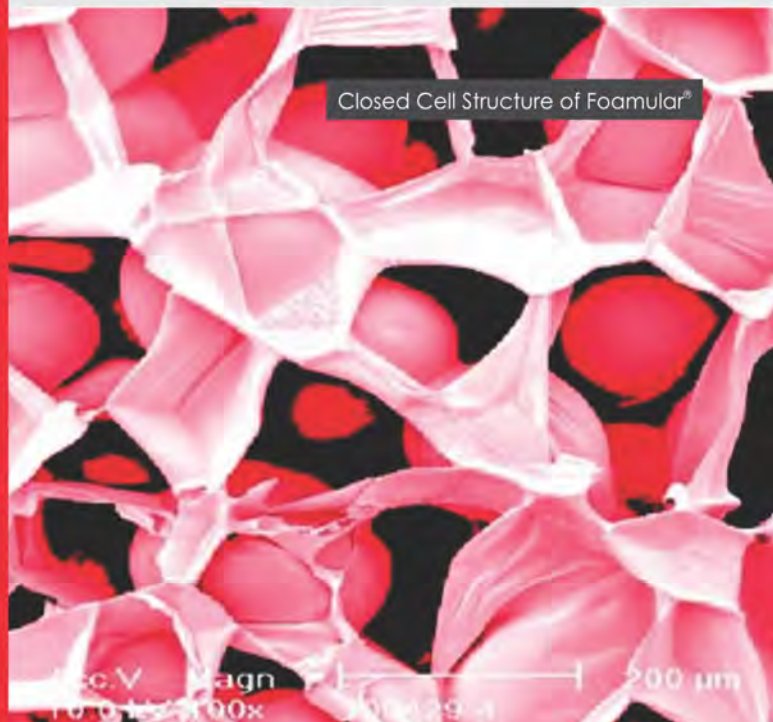
Hyderabad plant

Owens Corning India Building Materials

- Owens Corning is a US Fortune 500 company with presence in more than 27 countries, a global leader in the area of energy efficiency and making thermal insulation products.
- Foamular® Extruded Polystyrene (XPS) foam is manufactured near Hyderabad, India. This environment friendly plant recycles 99% waste & makes best in class products.
- These products are made to ASTM standards & have been used for Roof & Wall insulation of Government Buildings, Hotels, Hospitals, Corporates, Educational Institutions, Malls, Residential buildings across the country.
- Owens Corning has trained contractors in all major cities for proper installation of the products on the buildings.
- The company has experts who are trained in Building Energy Efficiency, LEED & GRIHA systems and work with Government agencies, Corporates, Developers, Architects & Consultants to support their pursuit for energy optimized building envelops.

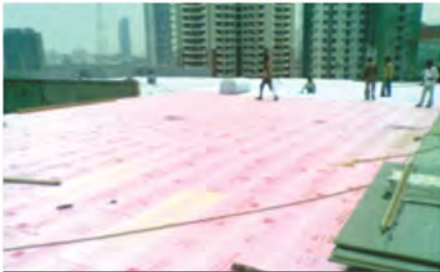


- Envelop insulation is the first step to building energy efficiency.
- Foamular® XPS provides thermal comfort to occupants and reduces heat load in building.
- Negligible water absorption allows Foamular® XPS to be laid above water proofing, keeping the water proofing on the mother slab & protecting it.
- Foamular® with its hydrophobic nature holds on to its strength in the long term unlike other insulation products which become brittle and tend to crush under load.
- Foamular® contributes to the Energy Efficiency of Green Buildings under various headings of Energy & Atmosphere, Indoor Air Quality, Recycle Content & Regional availability.



FOAMULAR® Applications

Roofs



Concrete Roof



Metal Roof



Under Deck

Walls



Curtain Wall



Cavity Wall



Wall Block

Engineered Solutions



Parking Decks & Landscaping



Pre-cast



Cold Storage Floor



Floor infill



Foundation Wall



Road Beds

Product Details

Property	Unit	Test Standard	Foamular®
Compressive Strength	kPa	ASTM 1621	250 to 700
Thermal Conductivity day 1 @10°C	W/mK	ASTM C518	0.020
Thermal Conductivity day 180@10°C	W/mK	ASTM C518	0.027
Thermal Conductivity day 1@24°C	W/mK	ASTM C518	0.021
Thermal Conductivity day 180@24°C	W/mK	ASTM C518	0.029
Water Absorption Rate	%(v/v)	ASTM D 2842	≤ 1 %
Flame Spread & Smoke Developed ²		ASTM E 84	Class A
Surface Burning Characteristics of Building Materials		UL 723	Class A
NFPA Life Safety Code		NFPA 101	Class A
Oxygen Index ²	%	ASTM D 2863	24.1-28.1
Cell Size	mm	ASTM D 3576	0.4 Maximum
Edge Profile	mm		Shiplap / Square
Length			2400
Width	mm		600 / 1200

1. 'R' value means resistance to heat flow, the higher the value the greater the Insulation. This Insulation must be properly installed to obtain the desired R-value. Follow manufacturer's instructions carefully.
2. These laboratory tests are not intended to describe the hazards presented by this material under actual fire conditions.
3. Meets requirements of ASTM C578

Disclaimer of Liability

Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's own risk. Because conditions of use may vary and are beyond our control, Owens Corning makes no representation about, and is not responsible or liable for the accuracy or reliability of data associated with particular uses of any product described. Nothing contained in this literature shall be considered as a recommendation. If exposed to fire of sufficient heat and intensity product is combustible, although it does contain a flame-retardant additive to inhibit ignition from small fire sources. Do not expose the product to open flame during shipping, storage, installation or use. In most applications, a code-compliant thermal barrier must be used to separate FOAMULAR® insulation from the building interiors. Product is recommended to be stored in conditions away from direct sunlight.

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Patent applied for insulated roof system



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Owens Corning Solutions

FORt



An insulated pink tile is specially designed for Indian climate & construction practices, it is a ready to use insulation tile reduces heat flow through roof, keeping the building cool & saving power.

For use in new & existing buildings*.

FEWEIS



Owens Corning has developed FEWEIS (FOAMULAR® Exterior Wall External Insulation System) which is safe, trustworthy, has excellent performance, great applicability & durable.

This is proven system for low and high rise buildings.

