

Where Heat is Forbidden

INFOAM[®]

XPS INSULATION BOARDS

DESIGN COMFORT INSULATION

INFOAM® – XPS INSULATION BOARDS

- Insulation For Inverted & Traditional Roofs, Basements, Car Park Decks And Heavy-duty Commercial, Industrial And Cold Storage Flooring
- **One of the best 'value-for-money' thermal insulation**
- **CFC & HCFC Free**

'INFOAM®' is an Extruded Polystyrene (XPS) rigid board used for thermal insulation. It is produced from general purpose polystyrene by the process of extrusion. These extruded sheets have a closed-cell structure and virtually no air-voids in between the cells. Globally, XPS has been widely used for thermal insulation since the last 40 years. It is acknowledged to be one of the best 'value-for-money' thermal insulation materials.

XPS Insulation is a closed cell, moisture-resistant rigid foam board which is well-suited to meet the needs for a wide variety of building applications.

INFOAM® insulation is great for many residential and commercial construction applications such as wall furring, perimeter/foundation, cavity wall, pre-cast concrete, under slab, crawl spaces, sheathing and other applications.

INFOAM® insulation boards play an important role in achieving "green" or "sustainability" goals.

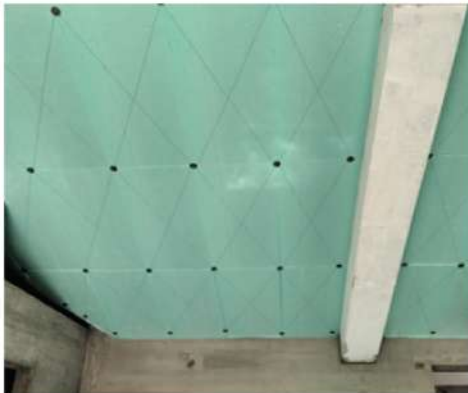
Finished boards for thermal insulation are primarily used in refrigeration and building applications in the temperature range of -150°C to 70°C.

PRODUCT SPECIFICATION

Material	Extruded Polystyrene (XPS) Rigid Boards
Thickness (mm)	25, 30, 40, 50 & 75 (± 2)
Colour	Light Bluish Green
Size	600x1250 mm (± 2)* (Custom Size Available Upon Request)
Edge Profile	Square Edge & Shiplap
Shape	Rectangular
Packing Type	LDPE Film / Shrink Wrapped
Water Resistant	Yes
Reusable	Yes
Surface Finishing	Smooth

TECHNICAL SPECIFICATION

Bulk Density (kg/m ³)	34 - 38 kg/m ³
Thermal Conductivity (W/mk): 0°C 10°C	0.028 0.031
Compressive Strength (10% Deformation)	Min 250 kPa (30mm Thick)
Flexural Strength	Min 350 kPa (30mm Thick)
Dimensional Stability	2% Max
Water Vapour Permeance (ng/pasm ²)	86 Max
Water Absorption By Volume	0.5% Max
Surface Burning Characteristics	Class A
Service Temperature (°C)	74 Max



ADVANTAGES

- High performance rigid extruded polystyrene insulation – thermal conductivity as low as 0.028 (W/mk)
- Protects waterproofing membrane
- Minimal water absorption
- High compressive strength
- Compatible with green roof systems
- Easy to handle and install
- Ideal for new construction and re-construction
- Reduces A.C. power consumption

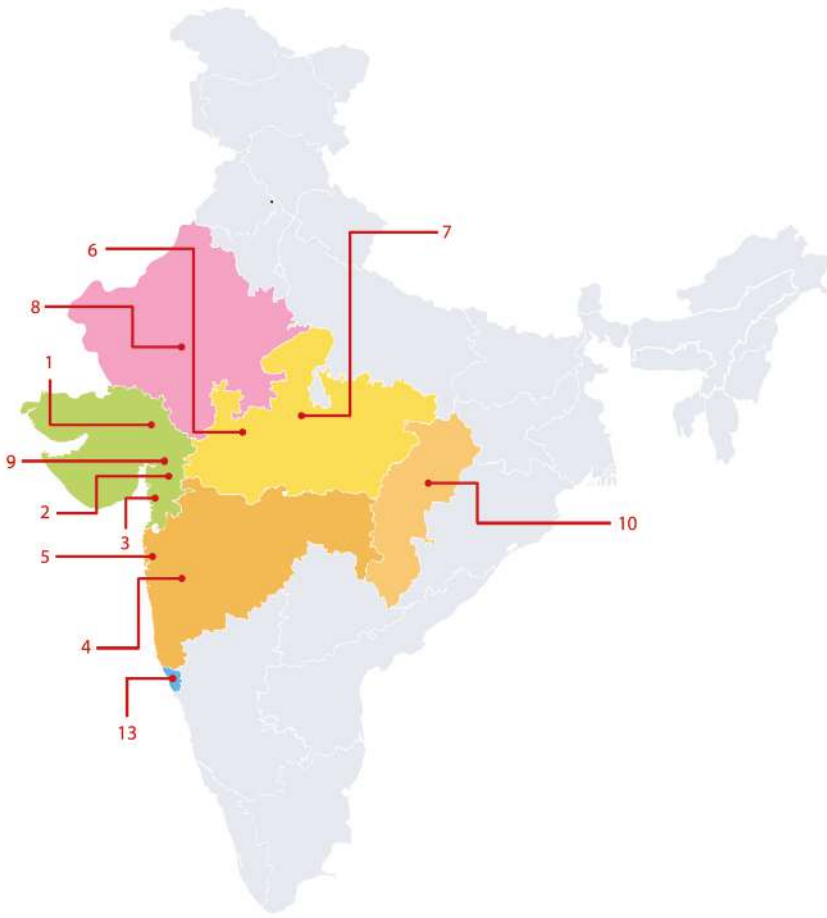
GREEN BUILDING

INFOAM® is an excellent environmentally-responsible alternative to other building insulation options because INFOAM® scores high in most of the key attributes of a 'green building material', including characteristics like recycled and/or recovered content, reusability/recyclability, durability, air quality and most importantly, energy efficiency.

"Green" buildings constructed with INFOAM® insulation products address energy efficiency and moisture management. It is a single product reducing the negative effects from thermal bridging and moisture absorption so the energy-saving R-value is retained over the insulation's useful life.

APPLICATIONS

- | | |
|--|---|
| <ul style="list-style-type: none"> • Over Deck - RCC Roofs • Under Deck - RCC Or Metal Roofs • External Wall Insulation • Internal Wall Insulation | <ul style="list-style-type: none"> • Floor Insulation • False Ceilings • Partitions & Internal Walls • Cavity Wall Insulation |
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