



EXTRUDED POLYSTYRENE BOARD - XPS:

Extruded Polystyrene (XPS) Thermal Insulation Board is a rigid foam board having closed cell structure and is produced in a fully automated continuous extrusion process. Unique property of XPS boards is high compressive strength, higher R- Value, Low water vapor absorption.

Characteristics:

Density in (Kg/M3)	34 Kg/M3
Cell structure	Closed Cell
Thickness in mm	Pipe : 20,25,30,50,75 & 100
Dimensions	1250 mm X 600 mm
Thermal Conductivity	0.0289 W/mk
R - Value	0.88 K m ² /W
Water Vapor permanence	63 NgPa.s.m2
Water Absorption	0.3% by volume

Application :

- Under Deck and Over Deck Insulation
- XPS Boards are also positioned below the roof structure for Insulation
- Suspended ceilings, Cavity Wall, Under RCC Slab
- XPS can be used as internal lining of roofs, ceiling or wall for Poultry Sheds, Mushroom Farms and Wineries.
- Cool Room, Cold Storage and Refrigeration
- Floor Insulation
- Model and Boat Building



SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

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Advantages:

- XPS Insulation in commercial and residential Building offers great flexibility, Compatibility and thermal efficiency for all area of building envelope.
- Low thermal conductivity.
- Resistance to water vapor diffusion and water absorption.
- Long term Durability
- Uniform Density Distribution.
- High Compressive Strength
- Light weight and easy to handle
- Resistance to bacteria and micro organism growth
- Non-Toxic
- Provide excellent resistance to heat flow, over the period of time K value does not change hence heat flow in/out of system remains steady.
- It is Fire retardant
- XPS Boards having regular and homogenous structure which provides good dimensional stability.