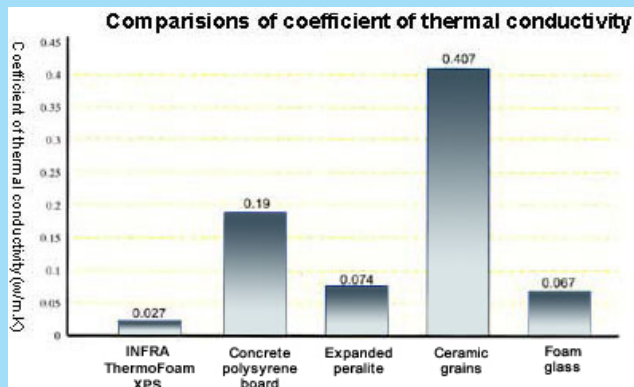


EXTRUDED POLYSTYRENE BOARDS

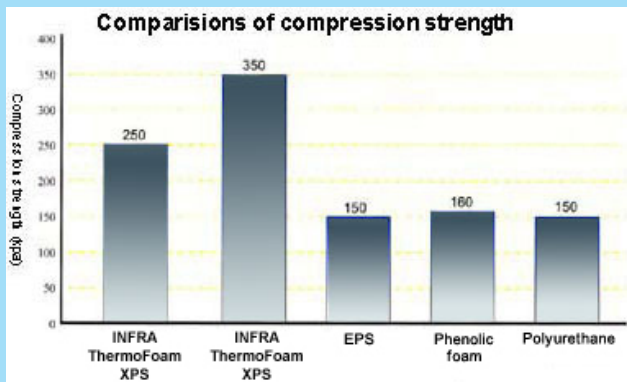
ThermoFoam XPS is a dense rigid extruded polystyrene foam board made up of a 100% closed honey-comb cells structure, produced via automated board extrusion method using polystyrene and other additives.

ThermoFoam XPS is manufactured in Singapore in compliance with international specifications and standards, and produced under stringent manufacturing quality control and assurance procedures.

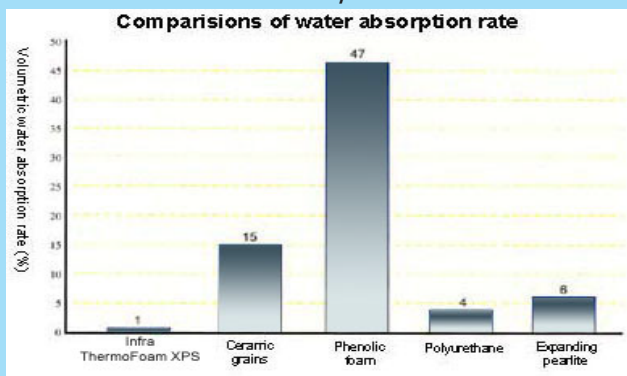
- Low Coefficient of Thermal Conductivity



- High Compression Strength



- Resists Moisture Absorbancy



- Reduce air infiltration and provides continuous coverage
- Reduces potential for condensation

Technical Specification

Properties	Unit	Standard	TF250	TF350	TF450	TF500
Density	kg/m ³	ASTM 1622	32-36	37-41	42-46	47-50
Compression Strength	kpa	ASTM 1621	≥250	≥350	≥450	≥500
Water Absorption	% (v/v)	ASTM C272	0.10 - 0.35	0.10 - 0.35	0.10 - 0.35	0.10 - 0.35
Thermal Conductivity	W/mK	ASTM c518	≤0.028	≤0.028	≤0.027	≤0.027
Flammability	Class	UL94	94HB	94HB	94HB	94HB
Dimensional stability	%		≥2.0	≥2.0	≥2.0	≥2.0

Applications

ThermoFoam XPS is suitable for use as a superior thermal insulating material for new buildings as well as retrofit works, in all types of industrial, commercial or residential buildings.

Types of applications include:

- Agricultural farms structures
- Storage cool rooms, trucks, refrigerators
- Under concrete slabs, roofs, walls, exterior foundation walls
- As protection boards over external membrane systems

Unused ThermoFoam XPS should be covered and stored away from direct sunlight and ultraviolet rays.

Installed ThermoFoam XPS should not be left exposed to direct sunlight for long periods of time.

Packaging

Dimension per pc: 1.2m x 0.6m

TF250 (Pink- 25mm thk): 20pcs / pack

TF350 (Blue-50mmthk): 10pcs / pack