

PE FOAM[®]



INSULATION



PROTECTIVE WRAPPING



FLOOR UNDERLAY



BACK-UP RODS

INSULATION

Used to insulate something, especially a building. Basically, used that reduces heat loss or heat gain by providing a barrier between the inside of your home and the significantly different temperature outside.



CHARACTERISTICS OF INSULATION

- Shock Absorbing
- water Proofing
- Heat Insulating
- Easy Laminating
- Strong Chemical Resistance
- Non-Hazardous

Thickness	Width	Length
6 mm	1.10	20 m
8 mm	1.10	20 m
15 mm	1.10	20 m

PROTECTIVE WRAPPING

Designed and constructed to protect the goods from atmospheric, magnetic, electrostatic, vibration or shock damage. Products include types of boxes or storage containers, packing materials, liners, and spacers.



FLOOR UNDERLAY

Used to deaden the sound of footsteps, to soften the feeling of the flooring underfoot, and in some cases, to act as a moisture barrier.



CHARACTERISTICS OF FLOOR UNDERLAY

- Extends life of wooden and laminated floorings
- Doesn't absorb water
- Reduces noise transfer in multi layered buildings
- Stops heat-cold transfer from and to the wooden floor
- Non-poisonous and chemical resistant
- Limits the sound

BACK-UP RODS

Used as an expansion joint and filler for concrete floors as well as precast, glass and metal cladding walls.



POLYETHYLENE - PE FOAM

PE FOAM is a non-crossed linked, closed cell, polyethylene foam made from the extrusion of low density polyethylene resin.

The closed cell structure of PE FOAM makes it heat proof, water proof, sound proof, non-fibrous and chemically resistant over a long period of time. It is the superior insulation material because it is non toxic, lightweight and easy to install.

APPLICATION

PE FOAM aluminized insulation is primarily used as thermal insulation for roofs and walls. It is a good moisture barrier or damp proofing material and has sound dampening properties. It is the ideal insulation for aircon units, chemical pipes and duct works.

PE FOAM insulation has a wide range of usage from single residential agricultural structures to more complex multi-storey , commercial and industrial structures.



HOSPITAL



SCHOOL



HOUSE



BUILDING



GYMNASIUM

TECHNICAL DATA

Thickness	Effective Width	Thermal Conductivity, K	Thermal Resistance, K	Density	Service Temperature	Water Absorption	Reduction on Heat Flow when Installed	
							Over Purlins	Under Purlins
5mm	1m	0.022W/mK	0.23Km ² /w	22-25Kg/M ³	-70 to 90°C	0.02mg/cm ²	87%	90%
10mm	1m	0.022W/mK	0.46Km ² /w	22-25Kg/M ³	-70 to 90°C	0.02mg/cm ²	88.5%	91%
15mm	1m	0.022W/mK	0.69Km ² /w	22-25Kg/M ³	-70 to 90°C	0.02mg/cm ²	90%	92%
20mm	1m	0.022W/mK	0.92Km ² /w	22-25Kg/M ³	-70 to 90°C	0.02mg/cm ²	91%	93%
25mm	1m	0.022W/mK	1.14Km ² /w	22-25Kg/M ³	-70 to 90°C	0.02mg/cm ²	92%	93.3%
30mm	1m	0.022W/mK	2.3Km ² /w	22-25Kg/M ³	-70 to 90°C	0.02mg/cm ²	---	96%



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