



Material	Expanded Polystyrene (EPS)	Polyurethane (PU)	Extruded Polystyrene (XPS)
Brand name	Thermopore-BLUE®	Thermospray®	Jumbolon Board®
Approx cost (per inch)	Rs. 30/-	Rs. 48/-	Rs. 42/-
Thermal Resistivity (R-Value per inch)	5.85 F·ft ² ·h/Btu	6.80 F·ft ² ·h/Btu	5.85 F·ft ² ·h/Btu
Cost per R-value	5.13	7.06	7.18
Cell Formation	97.3% closed cell formation	95.0% closed cell formation	97.7% closed cell formation
Density	35kg/m ³	32-35kg/m ³	32-35kg/m ³
Thermal conductivity	0.03 W/(m·K)	0.02 W/(m·K)	0.03 W/(m·K)
Compressive Strength	270 kpa	210 kpa	300 kpa
Water absorption	0.15% immersion	0.35% immersion	0.15% immersion
Est. Useful Life	+25 years	15 years	20 years
Installation	Sheets placed on the roof	Liquid sprayed on the roof	Sheets placed on roof
Requires waterproofing	Yes	Yes	Yes
Recommended Thickness	2.0"	1.5"	2.0"
Advantages	<ul style="list-style-type: none"> Economical Low-cost per R-Value Light weight Range of densities, sizes and thicknesses Easily moulded Overlap sheets available CFC free 	<ul style="list-style-type: none"> High R-Value Seamless application Adhesion properties Applied on site 	<ul style="list-style-type: none"> Smooth finish Available in tongue and groove CFC free
Limitations	<ul style="list-style-type: none"> Rigid foam sheets 	<ul style="list-style-type: none"> Porous / limited life High cost per R-value Non-uniform density 	<ul style="list-style-type: none"> High cost per R-value Rigid foam sheets Non-uniform density



INDUSTRIAL ENTERPRISES (Pvt) LTD.

6-N, INDUSTRIAL AREA, GULBERG II, LAHORE, PAKISTAN

TEL: 042-35712229, 35752229, FAX: 042-35713119, E-mail: info@thermopore.com

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THERMOPORE® , THERMOPORE-BLUE® and THERMOSPRAY® are our registered trademarks

Head Office: 6-N Gulberg II, Industrial Area, Lahore. Tel: 042-35712229, 042-35752229 Fax: 042-35713119 Mobile: 0321 6654866

Islamabad Office: Off. # 5, 3rd Floor, Capital Plaza, G11 Markaz, Islamabad. Tel: 051-229 0436 Mobile: 0300 8555649

Faisalabad Office: Mobile: 0321 6654866