



# INDUSTRIAL ENTERPRISES (PVT) LTD.

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

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

## TECHNICAL DATA SHEET (TDS) FOR THERMOPORE® 15-16KG/M<sup>3</sup> DENSITY [FR]

Property	Test	Unit	Value
Density (nominal)	ASTM C303	kg/m <sup>3</sup>	15.50
Thermal Resistance per inch (R-value)	ASTM C518	F·ft <sup>2</sup> ·h/Btu	3.85
Thermal Conductivity (K-value)	ASTM C518	W/(m·K)	0.040
Compressive Strength (at 10% deformation)	ASTM D1621	psi	14.00
Flextural Strength (minimum)	ASTM C203	psi	30.00
Water Absorbtion (maximum)	ASTM C272	% of volume	< 2.0%
Water Vapour Permeance	ASTM E96	Perm. 1 inch	< 1.0%
Dimensional Stability	ASTM D2126	%	2.00%
Flame Spread	ASTM E84	mm	< 20
Smoke Index Developed	ASTM E84	-	150-300

**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