



# INDUSTRIAL ENTERPRISES (PVT) LTD.

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

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## TECHNICAL DATA SHEET (TDS) FOR THERMOPORE® 20KG/M<sup>3</sup> DENSITY [FR]

Property	Test	Unit	Value
Density (nominal)	ASTM C303	kg/m <sup>3</sup>	20.00
Thermal Resistance per inch (R-value)	ASTM C518	F·ft <sup>2</sup> ·h/Btu	4.00
Thermal Conductivity (K-value)	ASTM C518	W/(m·K)	0.036
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**

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