

# THERMOPORE-BLUE®

## Technical Datasheet

Item	Test	Result
Cell structure	N/A	97.3% Closed Cell foam
Density	ASTM C-303	35 kg/m <sup>3</sup>
Thermal Resistance (R-Value at 1")	ASTM C-518	5.85 F·ft <sup>2</sup> ·h/Btu
Thermal Conductivity	ASTM C-518	0.026 W/(m·K)
Water Absorption	ASTM C-578	0.15% Immersion
Water Vapour Permeance	ASTM C-272	0.3 mg/m <sup>2</sup>
Compressive Strength	ASTM C-165	270 Kpa
Bending Strength	ASTM C-203	110 Psi
Fire Classification	UL 1256	Fire Retardant B-Grade
Coefficient of linear thermal expansion	BS 4370: Method 13	0.07 mm/mK
Dimension & Density quality control	ASTM C-390	2-3% variation in weight & thickness due to hot wire cutting
Thickness	N/A	12.5mm to 600mm
Edge Profile	N/A	Straight Edge, Ship lap, Tongue & Groove

### Sheet Sizes Available:

1m x 2m	1m x 1m	8ft x 4ft	6ft x 4ft	4ft x 4ft	2ft x 4ft
---------	---------	-----------	-----------	-----------	-----------

# THERMOPORE-BLUE®

## Technical Datasheet

	6:00 AM	9:00 AM	12:00 PM	3:00 PM	6:00 PM	9:00 PM	12:00 AM	3:00 AM
Outside Ambient Temperature	34	41	45	48	42	39	36	32
Room Temperature - No Insulation	32	38	42	44	41	38	34	30
Ambient Room Temperature with 2" of Thermopore-BLUE®	25	32	36	36	34	31	28	24

