

INSULBLUE TECHNICAL DATA SHEET

ITEM	TEST STANDARD	UNIT	RESULT
Flammability Index	AS 1530.2	-	1
Ignitability Index	AS 1530.3	-	0
Spread of Flame Index			0
Heat Evolved Index			0
Smoke Developed Index			1
Thermal Conductivity (material only)			
▪ 4.0mm Thickness	ASTM C518	R-Value	0.10
▪ 6.5mm Thickness	ASTM C518	R-Value	0.17
▪ 8.0mm Thickness	ASTM C518	R-Value	0.20
Duty / Tensile Strength	AS 4200.1	Classification	Heavy Duty
Dry Delamination	AS 4201.1	-	Pass
Wet Delamination	AS 4201.2	-	Pass
Shrinkage	AS 4201.3	%	0.1
Water Barrier	AS 4201.4	Classification	Unclassified
Emittance (silver foil facing)	AS 4201.5	Value	0.03
	AS 4201.5	Reflectance	97%
Emittance (anti-glare facing)	AS 4201.5	Value	0.11
	AS 4201.5	Reflectance	89%
Water Absorbency	AS 4201.6	g/m ²	63.1
		Classification	Low

INSULBLUE Foam Insulation is a perforated membrane primarily used in applications where breathability and thermal breaks are required but it is an Unclassified Water Barrier.

For use in all climate zones behind a sealed façade, watertight cladding or brick masonry type block cavity wall. For ventilated facades we recommend SINIAT 13mm Weather Defence Board.

INSULBLUE PHYSICAL PROPERTIES

Size	1350mm x 22.25 lineal metres
Thickness	4.0 / 6.5 / 8.0mm (nominal)
Weight	13 / 16 / 19kg per roll
Quantity	30m ² per roll
Order Code	IFX413522 / IFX613522 / IFX813522
Description	INSULBLUE Foam Insulation, 1.35 x 22.5m Roll
Accessories	INSULBLUE 60 x 60 x 20mm Cavity Spacers, 50 Pack INSULTAPE 48mm Reinforced Foil Tape, 50m Roll INSULTAPE 96mm Reinforced Foil Tape, 50m Roll