



STS Insulation Board Technical Data Sheet

Thickness (mm)	Width (mm)	Length (mm)	U-Value (W/m ² K)
6	600	1200	4.5
10	600	1200 or 2400	2.7
12.5	600	1200 or 2400	2.16
20	600	1200 or 2400	1.35
30	600	1300 or 2600	0.9
40	600	1300 or 2600	0.67
50	600	1300 or 2600	0.54

Properties	Unit	Value
Compressive Strength	Kpa	300
Thermal Conductivity to BS874	W/Mk	0.027
Thermal Conductivity to BSEN 13164 5 years	W/Mk	0.031
Water Absorption	% by volume	.2
Density	Kg m ³	36
Flexural Strength (Transverse)	Kpa	600
Flexural Strength (Longitudinal)	Kpa	700
Temperature Range	Degrees Centigrade	-50 to +75
Fire Performance	BS476 part 6,7 (surface spread of flames)	Class 0