





Technical Specification

STS 18mm & 22mm TG4 Construction Boards

Properties	Units	Performance	
Apparent Density	Kg/m ³	>1200	
Standard Weight	Kg/Board	18mm	22mm
		18.8	24.8
Thickness of Boards (range)	mm	18mm	22mm
Dimensions of the Board	mm	1200mm x 600mm	1200mm x 600mm
Tolerance	Thickness	+/- 5%	
	Dimension	+/- 1mm	
Mechanical Characteristics			
Modulus of Rupture EMC - Min	MPa or N/mm ²	10	
Free Moisture Content	%	6	
Water Absorption - submersion after 22 Hrs.	%	36	
Lamina Bond Strength	MPa or N/mm ²	0.9	
Additional Characteristics			
Thermal Conductivity (K) (30° C Mean Temperature)	W/M .k	0.172	
pH Value	-	10.4	
Fire Rating	-	Class A1	



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