

Wall Cladding Datasheet

Property	Unit	Standard	Small Size
Dimensions			
Width	mm	1200	600 600
Length	mm	2500	1200 2400
Thickness	mm	6.0	
Physical Properties			
Density Dry	Kg/m ³	1900	
Weight	Kg/m ²	11.4	
Mechanical Properties			
E-modulus	GPa	10	
Flexural Strength	MPa	20	
Thermal Properties			
Heat conductance	W/mK	0.4	
Heat expansion coefficient	mm/m°C	0.008	
Max. use temperature	°C	100	
Hygroscopic Properties			
Water absorption (wet over dry)	%	10	
Wet-dry-wet (Max.)	mm/m	3	
Water Vapor Transmission Properties			
Vapor Permeability	ng/m ² s Pa	200	
Vapor transmission resistance	gPa s m ² /kg	5	
Tolerances (EN 12467)			
Thickness	mm	±0.8	
Length	mm	±3	
Width	mm	±2	
Other Properties			
Fire resistance (EN 13501)	level	A2-s1,d0	
Color (EN 20105-A02)	level	4-5, Multiple Colors	