

Technical Properties

EQUITONE [linea] cladding boards conform to the requirements of EN 12467: 2012 “Fibre cement flat sheets – Product specification and test methods”. The results below are presented as defined by the standard.

Test Result according to ISO 9001 Quality Management System

Minimum Density	Dry	EN12467	1580	kg/m ³
Bending Strength Parallel	Ambient	EN12467	32.0	N/mm ²
Bending Strength Perpendicular	Ambient	EN12467	22.0	N/mm ²
Modulus of Elasticity	Ambient	EN12467	>14,000	N/mm ²
Hygic Movement	0-100%		1.6	mm/m
Water Absorption of uncoated panel	0-100%		< 25	%

Classification

Durability classification	EN12467	Category A
Strength classification	EN12467	Class 5
Fire Reaction	EN13501-1	A2-s1, d0

Extra Tests

Water impermeability Test	EN12467	Pass	
Warm Water Test	EN12467	Pass	
Soak / Dry Test	EN12467	Pass	
Freeze Thaw Test for Category A Panel	EN12467	Pass	
Heat / Rain Test for Category A Panel	EN12467	Pass	
Dimensional Tolerances for Level I Panel	EN12467	Pass	
Thermal Movement		0.01	mm/mK
Thermal Conductivity		0.390	W/mK

Panel Weight (air-dried)

Panel	Weight	2500 x 1220mm	3050 x 1220mm
10mm	16.8 kg/m ²	51.2 kg/panel	62.5 kg/panel

Tolerances in accordance with EN12467 Level I

Factory supplied	
± 1mm	Thickness 10mm Panel
± 2mm	Length 10mm
± 2mm	Width 10mm
1.0mm/m	Squareness 10mm

The dimensions of the grooves are purely indicative. These are nominal dimensions subject to manufacturing tolerances. The grooves are longitudinal in the sheet.

