

Technical Properties

EQUITONE [materia] 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	1650	kg/m ³
Bending Strength Parallel	Ambient	EN12467	24.0	N/mm ²
Bending Strength Perpendicular	Ambient	EN12467	18.5	N/mm ²
Modulus of Elasticity	Ambient	EN12467	12,000	N/mm ²
Hygric Movement	30-95%		1.0	mm/m
Water Absorption of uncoated panel	0-100%		< 20	%
Moisture Content	Air-dried	EN12467	< 8	%

Classification

Durability classification	EN12467	Category A
Strength classification	EN12467	Class 3
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		10.10 ⁻⁶	1/K
Thermal Conductivity		0.6	W/mK

Panel Weight (air-dried)

Panel	Weight	2530 x 1280mm	3130 x 1280mm
8mm	15.4 kg/m ²	49.9 kg/panel	61.7 kg/panel
12mm	22.8 kg/m ²	73.8 kg/panel	91.4 kg/panel