

Technical Properties

EQUITONE [tectiva] 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
8mm	14.9 kg/m ²	46.5 kg/panel	56.7 kg/panel

Tolerances in accordance with EN12467 Level I

Factory supplied	
± 0.5mm	Thickness 8mm Panel
± 3mm	Length 8mm
± 3mm	Width 8mm
1.0mm/m	Squareness 8mm