



Cladding

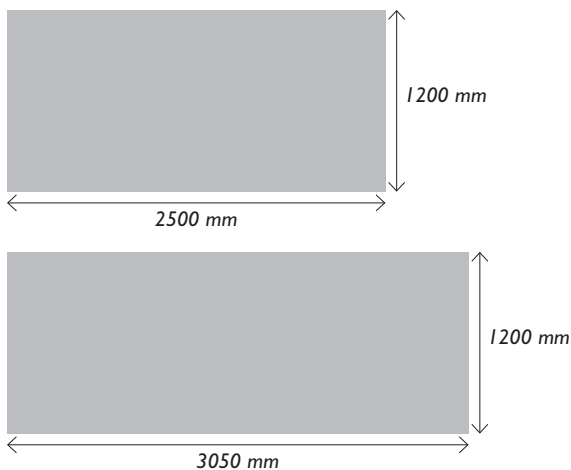
Cembrit Metro

Coated surface – in the colour of your choice

Cembrit Metro lets you play with colour to your heart's content. The fibre-cement base boards are covered with water-based acrylic paint that is 100% opaque, creating a smooth, even look. The result is sheets that are powerfully resistant to green moss and algae, water stains, and dirt. Metro cladding has high impact resistance, the sheets will not buckle if struck, making them ideally suited to the rigours of traditional construction.

The URBANNATURE colours selected for the Cembrit Metro range are inspired by vibrant European cities. Clear and bright, they exude sophisticated confidence. But Cembrit Metro can also be supplied in any NCS colour.

Cembrit Metro are supplemented by a complete range of accessories to ensure easy installation, longer life, and an attractive end result.



Dimension			
Width	mm	1200	1200
Length	mm	2500	3050
Thickness	mm	8,0	8,0

Physical properties			
Density, dry	Kg/m ³	1700	1700
Weight	Kg/m ²	14,6	14,6
	Kg/board	43.8	54.4

Mechanical properties			
Bending modulus of elasticity			
Dry E-module with grain	GPa	8	8
Dry E-module across grain	GPa	7	7
Wet E-module with grain	GPa	7	7
Wet E-module across grain	GPa	5	5

Bending strength			
Dry with grain	MPa	24	24
Dry across grain	MPa	18	18
Wet with grain	MPa	15	15
Wet across grain	MPa	12	12

Interlaminar bond			
Dry	MPa	min 0,5	min 0,5
Wet	MPa	-	-

Impact strength (Charpy)			
Dry with grain	kJ/m ²	3,5	3,5
Dry across grain	kJ/m ²	2,5	2,5

Thermal properties			
Heat conductivity	W/m °C	0,4	0,4
Coefficient of thermal expansion	mm/m °C	0,008	0,008
Temperature range	°C	Max. 80	Max. 80
Frost resistance	Cycles	>100	>100

Hygrothermal properties			
Water absorption (wet over dry)	%	12,0	12,0
Wet-dry-wet (max)	mm/m	3	3

Water vapour transmission properties (23°C - 0/99% RH)			
Vapour permeability	ng/m ² s Pa	200	200
Vapour transmission resistance	Gpa s m ² /kg	5,0	5,0
Vapour transmission resistance	s/m	36.000	36.000
Vapour resistivity	MNs/gm	625	625
Vapour resistance factor, μ		140	140

Tolerances (ref. EN 12467)			
Thickness	mm	±0,8	±0,8
Length	mm	±3	±3
Width	mm	±2	±2

Other properties			
Category, Class	EN 12467	NT A3 I	NT A3 I
Fire rating	EN 13501	A2, s2-d0	A2, s2-d0

Distributed & Fabricated by:



213 Front St-Zelienople, PA-16063
 1-888-5-PANELS – F: 1-888-572-6357
 www.fibercementproducts.com