

Swisspearl Deco

Datasheet - Facade Boards

Swisspearl Deco features a rustic painted surface. The directional grain of the board is subtly visible through the paint like the veneer of your living room furniture - adding a smooth yet natural look to the painted Swisspearl Deco board.

The combination of the delicate structure and the

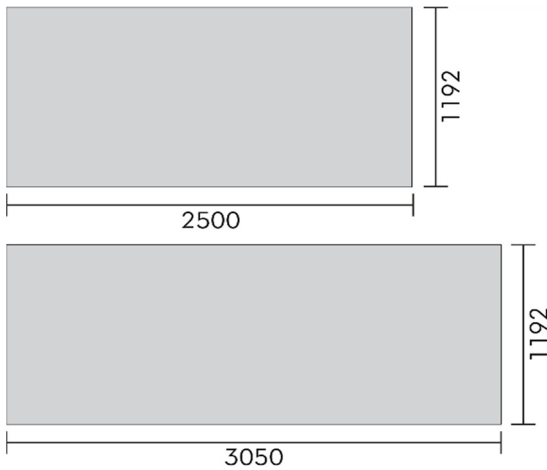
nature of Cembrit's fibre cement boards, requiring only limited maintenance over time, makes the Swisspearl Deco board a decorative choice for your facade.

Swisspearl Deco is available in 4 colour options matching the current building trend.

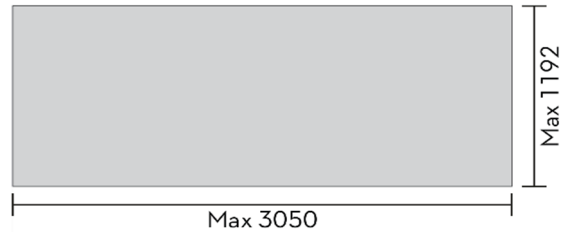
Dimension (nominal)

Thickness	mm	8
Width	mm	1192
Length	mm	2500 3050

Standard size



Max. Project size



www.swisspearl.com

Please visit the local website for contact details and further information.

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Dimension tolerance (EN 12467, Level 1)

Thickness (up to 20mm)	mm	± 0.8
Width (1000mm < a < 1600mm)	mm	± 0,3% a
Length (1600mm < Length)	mm	± 5.0

Physical properties

Density, dry minimum (EN 12467)	kg/m ³	≥ 1250
Density, dry average (EN 12467)	kg/m ³	1430
Weight (incl. 10% moisture)*	kg/m ²	12.5

* Nominal value may vary depending on the conditions

Mechanical properties (EN 12467)

Flexural modulus		
E-module along grain, ambient	GPa	16
E-module across grain, ambient	GPa	18
E-module along grain, wet	GPa	11
E-module across grain, wet	GPa	13

Bending strength (EN 12467)

Along grain, ambient	MPa	25
Across grain, ambient	MPa	35
Along grain, wet	MPa	17
Across grain, wet	MPa	25

Impact strength - Pendulum

Along grain, dry	kJ/m ²	2.0
Across grain, dry	kJ/m ²	2.6

Thermal properties

Coefficient of thermal expansion	mm/m °C	0.01
Frost resistance (average along/across)	R _L	≥0.75
Frost resistance (max. cycles R _L > 0,75 EN 12467)	Cycles	100

Hygrothermal properties

Moisture movement (30/90 % RH, EN 12467)	mm/m	0.07
Water impermeability (EN 12467)	Visual	No water drop

Fire Performance

Reaction to fire (EN 13501-1)	Rating	A2-s1, d0
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Other properties					
Category, class (EN 12467)					NT A4 1
M1-Classification, VOC emission of building materials					Pass
Impact resistance test (ETAG 034, ISO 7892), 8 mm					
	Max.	Category IV	Category III	Category II	Category I
Hard body	1 Joule	Passed			
	3 Joule		Passed	Passed	Passed
	10 Joule			Passed	Passed
Soft body	10 Joule	Passed	Passed		
	60 Joule			Passed	Passed
	300 Joule			Not passed	
	400 Joule				Not passed
Evaluation		Passed	Passed	Not passed	Not passed