

Cembrit Solid

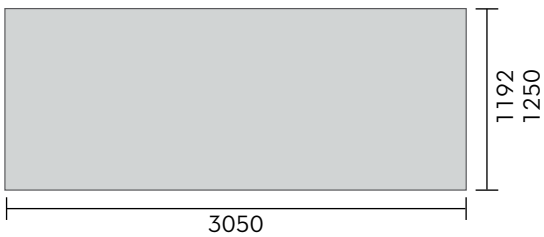
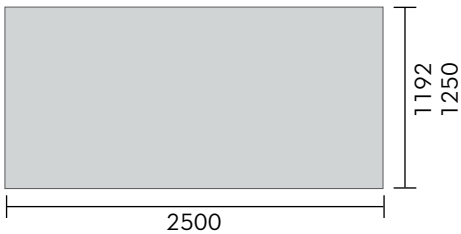
Facade

The special thing about Cembrit Solid boards is that they're the same colour all the way through. Each of the core colours is matched with a full-coverage painted surface in vibrant yet resilient colours. This means if you choose Cembrit Solid boards to provide a facade with a particular colour, every

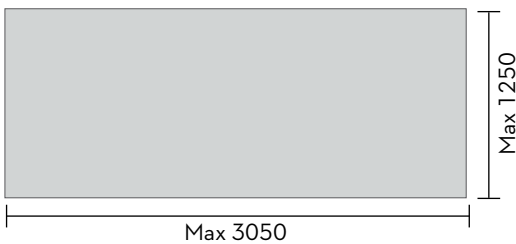
board will feature that colour on every surface and edge, and with the same colour on the edges of any cut-outs or drilled holes. Cembrit facade boards are a high quality fibercement used as a part of a ventilated facade solution on all types of constructions.

Dimensions	Thickness	Width mm	Length mm
Standard size	8mm	1250	2500 3050
		1192	2500 3050

Standard sizes



Project sales



www.cembrit.com

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

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Dimension after trimming		
Width	mm	1192 1250
Length	mm	2500 3050
Thickness	mm	8.0
Tolerances (ref. EN 12467)		
Thickness	%	±10
Length	mm	±5
Width	%	±0.3
Physical properties		
Density, dry	Kg/m ³	1770
Weight	Kg/m ²	14.2
Mechanical properties		
E-module along grain (ambient condition)	GPa	16.3
E-module across grain (ambient condition)	GPa	13.8
Modulus of rupture along grain (ambient condition)	MPa	39.0
Modulus of rupture across grain (ambient condition)	MPa	24.8
Thermal properties		
Heat conductivity	W/m °C	0.5
Coefficient of thermal expansion	mm/m °C	0.01
Temperature range	°C	-40 to +80
Frost resistance	Cycles	>100
Water vapour transmission properties		
Vapour resistance factor, μ		400
Color Resistance to UV		
ΔE after 5000 hours	EN 16474-1	0.6-1.4
Other properties		
Category, class	EN 12467	NT A4 I
Fire rating	EN 13501	A2-s1, d0

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Soft- and hard body impact resistance (ETAG 034, ISO 7892), 8 mm

Type of impact	Energy	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	-	-	not passed	not passed
	300 Joule	-	-	not passed	-
	400 Joule	-	-	-	not passed
