

# Cembrit Solid

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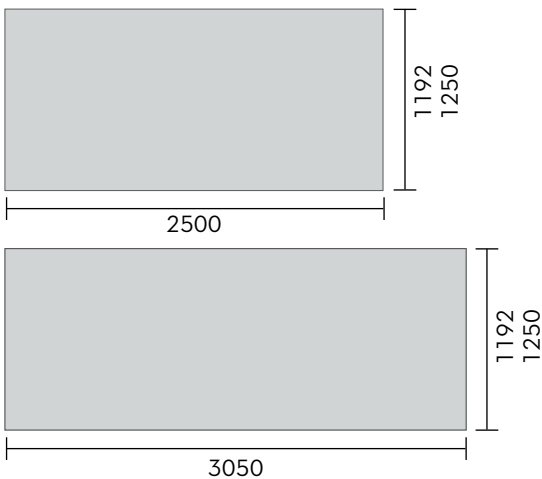
## Facade

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
		1250	3050

## Standard sizes



## Cembrit Solid

<b>Dimension after trimming</b>		
Width	mm	1192 1250
Length	mm	2500 3050
Thickness	mm	8.0
<b>Tolerances (ref. EN 12467)</b>		
Thickness	%	±10
Length	mm	±5
Width	%	±0.3
<b>Physical properties</b>		
Density, dry	Kg/m <sup>3</sup>	1770
Weight	Kg/m <sup>2</sup>	14.2
<b>Mechanical properties</b>		
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
<b>Thermal properties</b>		
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
<b>Water vapour transmission properties</b>		
Vapour resistance factor, $\mu$		400
<b>Color Resistance to UV</b>		
$\Delta E$ after 5000 hours	EN 16474-1	0.6-1.4
<b>Other properties</b>		
Category, class	EN 12467	NT A4 I
Fire rating	EN 13501	A2-s1, d0

# CENBRIT

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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

For further details or for installation advice, please contact Atkar Group on 03 9796 3333 or [enquiries@atkar.com.au](mailto:enquiries@atkar.com.au)

#### Cembrit Distributors:



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