

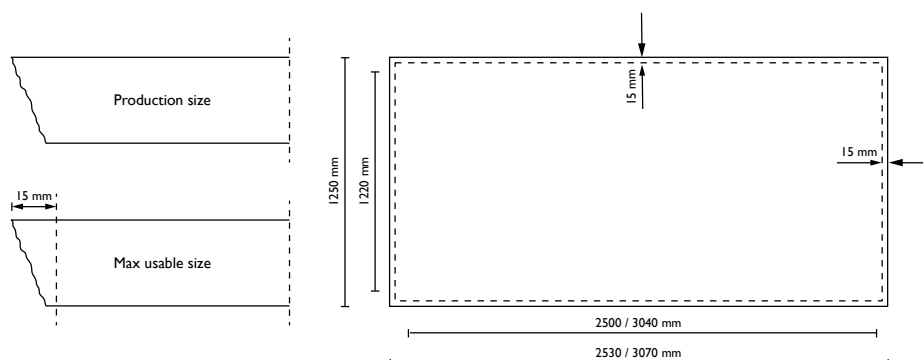
Cembrit Transparent

Facade

Cembrit Transparent facade boards combine the textured nuances and natural characteristics of the base board with a long lasting performance of the transparent top coat. The colour added to the fibre cement reveals and highlights the fibres and other raw materials that provide its strength and character.

The extremely durable transparent coating then protects the board and ensures a smooth surface with a long service life. 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
Untrimmed size	8 mm	1250	2530 3070
Standard size	8 mm	1192	2500 3040
Maximum usable size	8 mm	1220	2500 3040



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Dimension after trimming		
Width	mm	1192
Length	mm	3040 2500
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

Hygrothermal properties		
Moisture movement (30-90 % RH)	mm/m	1.5

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
