

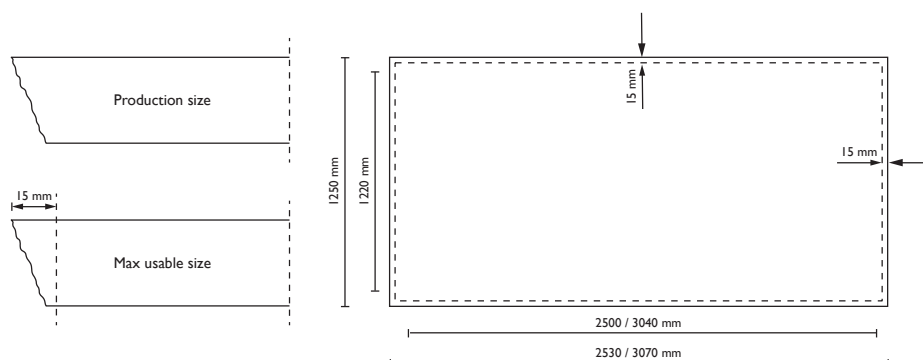
## Cembrit Transparent

### 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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<b>Dimension after trimming</b>			
Width	mm	1192	1192
Length	mm	2500	3040
Thickness	mm	8.0	8.0
<b>Physical properties</b>			
Density, dry	Kg/m <sup>3</sup>	≥1550	≥1550
Weight	Kg/m <sup>2</sup>	~15.7	~15.7
<b>Mechanical properties</b>			
Dry E-module	GPa	13	13
Modulus of rupture (wet condition)	MPa	≥18	≥18
<b>Thermal properties</b>			
Heat conductivity	W/m °C	0.5	0.5
Coefficient of thermal expansion	mm/m °C	0.01	0.01
Temperature range	°C	Max. 80	Max. 80
Frost resistance	Cycles	>100	>100
<b>Hygrothermal properties</b>			
Moisture movement (30-90 % RH)	mm/m	1.5	1.5
<b>Water vapour transmission properties</b>			
Vapour resistance factor	μ	400	400
<b>Tolerances (ref. EN 12467)</b>			
Thickness	%	±10	±10
Length	mm	±3	±3
Width	mm	±2	±2
<b>Other properties</b>			
Category, class	EN 12467	NT A4 I	NT A4 I
Fire rating	EN 13501	A2-s1, d0	A2-s1, d0

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

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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

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