

CEIBRIT

Windstopper Extreme

Fire resistant sheathing/partition board

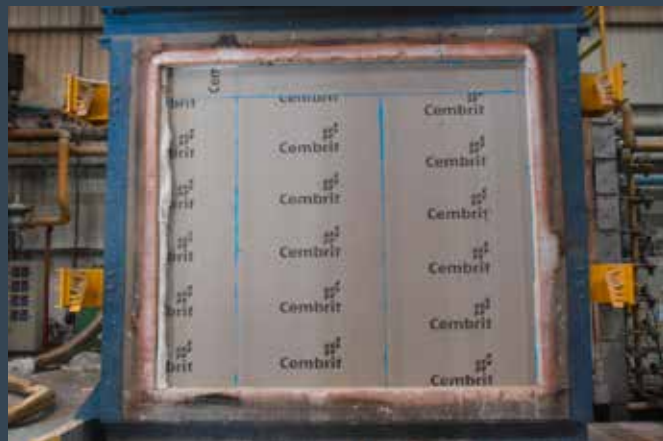




Cembrit Windstopper Extreme has been designed for use as a sheathing board in rainscreen cladding applications

Cembrit Windstopper Extreme is a vapour permeable cement based building board, which can accept insulation being placed against the board on the warm side of the building, whilst acting as a fire break against any blaze in the ventilation cavity behind the rainscreen

Cembrit Windstopper Extreme has been tested to BS EN 1364-1:2015 (BS 476-22:1987). As part of a non-load bearing vertical building element it will provide 60/60 minutes of fire resistance when exposed to fire from one side.



Windstopper Extreme fire test at BRE

Quality

Fibre cement flat sheets EN 12467:2012 NT D31

Guarantee

Cembrit Windstopper Extreme is guaranteed for durability for 15 years. For further details contact Cembrit Ltd at the address below.

Fire properties

- Determination of fire resistance BS EN 1364-1: 2015 60/60 minutes
- Reaction to fire EN 13501-1 A2-s1, d0
- Fire protection classification EN 13501-2 K1 10 & K2 10

Dimension (nominal)		Tolerance (EN 12467, Level 1)	
Thickness	mm	9,0	mm +/-0,9
Width	mm	900/1200	mm +/-3,6
Length	mm	2700	mm +/-5

Physical properties

Density, dry, minimum (EN12467)	Kg/m ³	≥ 1400
Density, dry, average (EN12467)	Kg/m ³	1550
Weight (EN12467)	Kg/m ²	14,4

Bending strength (EN12467)

Along grain, ambient	MPa	17,4
Across grain, ambient	MPa	21,0
Along grain, wet	MPa	7,9
Across grain, wet	MPa	9,9

Thermal properties

Heat conductivity	W/m °C	0,5
Coefficient of thermal expansion	mm/m °C	0,01
Frost resistance (max. cycles RL > 0,75 EN12467)	Cycles	50

Hygrothermal properties

Water absorption (24 hrs 105°C, 24 hrs in water, EN12467)	%	21,3
Moisture movement (wet-dry-wet)	mm/m	2,3
Water impermeability (EN12467)	Visual	No drop

Water vapour transmission properties (23 °C- 0/99 %RH) (EN12572-C)

Vapour transmission resistance (Z-value)	Gpa m ² s/kg	2,70
Vapour transmission resistance	s/m	19774
Vapour diffusion equivalent air layer thickness	Sd (m)	0,5
Vapour resistivity	MN s/(gm)	301
Vapour resistance factor	μ	58,3

The values given are typical values.

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