

TECHNICAL DATA SHEET



DESCRIPTION

Siteworx Fibreboard Expansion Joint Fillers are made from 100% natural wood fibres and resin, resulting in a carbon negative product. The board contains a very small percentage of paraffin wax to improve moisture resistance with no harmful adhesives or bitumen additives used in the production. These low moisture absorption properties make them ideal for filling expansion joints in concrete.

APPLICATIONS

Siteworx Fibreboard Expansion Joint Fillers are typically used for filling expansion joints in concrete used for applications such as roads, pavements, walls, industrial floors and roofs. Available in strips and full sheets in a variety of widths and thicknesses.

PROPERTIES	UNIT	VALUE (according to EN 13986)	
Thickness	mm	12	25
Thickness tolerance	mm	±1.2	±1.8mm
Width tolerance	mm	±2.0	
Length tolerance	mm	±5.0	
Squareness tolerance	Mm/m	≤2	
Edge straightness tolerance	Mm/m	≤1.5	
Flatness tolerance	mm	≤6.0	
Thickness swelling after 2h according to EN 317	%	≤7.0	
Fire class according to EN 13501-1	class	E	
Density	kg/m3	≥240.0	
Bending strength	N/mm2	≥1.2	≥0.8
Internal bond strength according to EN 13986	N/mm2	≥0.02	
Air permeability according to EN 12114	m3/m2*s*Pa	12.2*10 ⁻⁶	
Short-term water absorption according to EN 1609 Upper surface	kg/m2	2.27	1.93
Short-term water absorption according to EN 1609 Lower surface	kg/m2	0.79	0.79
Thermal conductivity	W/m*K	≤0.049	
Thermal resistance R	m2*K/W	0.20	0.45
Water vapour permeability	μ wet cup	2.0	
Water vapour permeability	μ dry cup	5.0	

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