

Soltex Bitumen Fibreboard

Description:

Soltex Bitumen Fibreboard is a general purpose joint filler, comprising of compressed wood fibre material, and impregnated with bitumen emulsion.

Soltex Fireboard is supplied in sheets or in cut strips in a range of standard thicknesses.

Uses:

Retaining Walls, Basements, Roads, Airfields, Pavements & Floors.

Resilience:

The unique composition of Soltex Fibreboard permits it to compress 50% of its thickness without extruding and to recover to a minimum of 70% of its original thickness.

Durability:

Soltex Bituman Fibreboard is a proven long lasting product.

Weather Resistance:

The bitumen impregnated wood fibre provides low water absorption and will not become brittle in cold weather. Tests show no damage due to freezing.

Superior Bond:

The textured surface provides an excellent interface with poured concrete, so it resists working loose during concrete expansion and contraction.



- DTp Specification for Highways Works Clause 1015 (joint filler boards) amendment February 2016.
- Specification 033 - Pavement Quality Concrete for Airfields - Appendix C, April 2005, Tests C.1 - C.5.
- FSC Certified & sourced from sustainable grown forests.

Application:

For forming Joints between Insitu Concrete & Pre Cast Components.

Fibreboard Strips Sizes (2.44m lengths)	
Size (mm)	Thickness (mm)
75	10 / 12 / 20 / 25
100	10 / 12 / 20 / 25
125	10 / 12 / 20 / 25
150	10 / 12 / 20 / 25
175	10 / 12 / 20 / 25
200	10 / 12 / 20 / 25

Fibreboard Sheets	
Size (m)	Thickness (mm)
1.22 x 2.44	12
1.22 x 2.44	20
1.22 x 2.44	25

Technical Data:

Standard 10% bitumen impregnated softboard.

Produced and supervised according to EN 13986:2004 +A1:2015.

Porous wood fibre insulating board according to EN 622 SB.H-E1.

Property	Value
Board Designation	EN 622-4 SB.H - E1
Edge Design	Dull
Fire class (EN 13501-1)	E
Building Materials Class (DIN 4102)	B2
Thickness	10.0 / 12.0 / 15.0 / 19.0 / 25.0 mm
Nominal value of thermal conductivity (λ_D) (DIN EN 13986, Tab. 11)	0.005 W/(m*K)
Nominal value of thermal resistance (R) (DIN EN 13986, Tab. 11)	0.20 / 0.24 / 0.30 / 0.38 / 0.50 (m ² *K)/W
Density	~230 kg/m ³
Water Vapour Resistance Factor (μ)	5
Specific Heat Capacity	2100 J/(kg*K)
Sound Absorbtion Coefficient	(according to EN 13986, tab. 10)
Frequency Range (250Hz - 500Hz)	0.10
Frequency Range (1000Hz - 2000Hz)	0.30
Applied Materials	Woodfibre, bitumen, waterproofing agents & paraffin
Waste Code (EAK/AVV)	030105 / 170201
Complies with ASTM D1751-04 Test Procedure (ASTM D 545-99)	For the requirements of compression /extrusion / recovery