Datasheet

# SOLTEX Bitumen Fibreboard

**Soltex Bitumen Fibreboard is a general purpose joint filler, comprising of compressed wood fibre material, and impregnated with bitumen emulsion. Supplied in sheets or in cut strips in a range of standard thicknesses.**

| Fibreboard Strips (2.44m Lengths) | |
|---|---|
| **Size** | **Thickness (s)** |
| 75mm | 10 / 12 / 20 / 25 |
| 100mm | 10 / 12 / 20 / 25 |
| 125mm | 10 / 12 / 20 / 25 |
| 150mm | 10 / 12 / 20 / 25 |
| 175mm | 10 / 12 / 20 / 25 |
| 200mm | 10 / 12 / 20 / 25 |

| Fibreboard Sheets | |
|---|---|
| **Size** | **Thickness** |
| 1.22 x 2.44m | 12mm sheets |
| 1.22 x 2.44m | 20mm sheets |
| 1.22 x 2.44m | 25mm sheets |

## SOLTEX - Sealants / Foams / Fillers

Last Issue Date 11.01.17

### Compliance

- DTp Specification for Highways Works Clause 1015 (joint filler boards) amendment May 2006
- Specification 033 - Pavement Quality Concrete for Airfields - Appendix C, April 2005, Tests C.1 - C.5
- The product is FSC Certified & sourced from sustainably grown forests.

### Uses

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

### Application

Forming Joints between Insitu Concrete & Pre Cast Components.

### Resilient

The unique composition of 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 resistant

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

### Excellent bond

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

### Technical data

- Standard 10% bitumen impregnated softboard.
- Produced and supervised according to EN 13986.
- Porous wood fibre insulating board according to EN 622-4.

| | |
|---|---|
| Board designation | EN 622-4 SB.H - E1 |
| Edge design | Dull |
| Fire class according to EN 13501-1 | E |
| Building materials class according to DIN 4102 | B2 |
| Thickness [mm] | 10 / 12 / 15 / 19 /25 |
| Nominal value of thermal conductivity λD [W/(m*K)] DIN EN 13986, Tab. 11 | 0.05 |
| Nominal value of thermal resistance R [(m²*K)/W] DIN EN 13986, Tab. 11 | 0.2/0.24/0.3/0.38/0.50 |
| Density [kg/m³] | Approx 230 |
| Water vapour resistance factor μ | 5 |
| Specific heat capacity c [J/(kg*K)] | 2100 |
| Sound absorption coefficient | (according to EN 13986, tab. 10) |
| Frequency range from 250Hz to 500Hz | 0.10 |
| Frequency range from 1000Hz to 2000Hz | 0.30 |
| Applied materials | Woodfibre, bitumen, waterproofing agents & paraffin |
| Waste code (EAK / AVV) | 030105 / 170201 |
| Complies with ASTM D1751-04 Test procedure according to ASTM D 545-99 | For the requirements of compression/extrusion/ recovery |