FILLCRETE
FILLABOARD

Expansion Jointing

Key Features

- Ideal general purpose expansion joint filler
- Tested to BS[EN] 622-4 SB.H-E1
- Tested to Highway Works Series 1000 clause 1015
- Tested to Specification 033 Pavement Quality Concrete for Airfields Appendix C
- Manufactured to BS[EN]13986:2004 +A1:2015
- Manufacturing certified to ISO 9001:2015.
- Low cost, permanent solution
- Ecologically friendly
- Low embodied energy
- Wide range of sizes
- Available nationwide on rapid delivery

What is FILLABOARD?

FILLABOARD is a high quality bitumen impregnated fibreboard ideal for use in expansion joints for concrete in such applications as – roads, airport runways, pedestrian areas and industrial floors, - concrete roofs, external walls and cladding, - separator strips in slab pavement construction.

FILLABOARD is tested for and meets the requirements of the British Specification 033 – Pavement Quality Concrete for Airfields and the British Specification for Highway Works Volume 1 Road Pavements – Concrete Material Clause 1015 [02/16] Joint Filler Board.

For movement joints in clay fired brickwork, always use BRICKFILL.

FILLABOARD in Use

FILLABOARD is highly resistant to moisture penetration and ice formation in joints. In situ, as expansion jointing, protected by appropriate sealant, FILLABOARD remains permanently resilient and is resistant to dry and wet rot, fungus attack and other similar forms of deterioration.

FILLABOARD joints can be sealed using most cold applied polymeric sealants, but where liquid hydrocarbons such as shuttering oil, petrol, diesel fuels and other solvents may be present, FILLABOARD should be protected by a fuel resistant sealant.

Manufacturing Process

FILLABOARD is manufactured using wood fibres and Bitumen emulsion is added during manufacture.The bitumen individually coats and becomes an integral part of each fibre ensuring it cannot be exuded or stain surrounding concrete. FILLABOARD is dry to the touch.

FILLABOARD has low embodied energy and uses the natural lignin in cellulose to bind the fibres of the board together. No chemical adhesives are used in the manufacture of FILLABOARD.

Handling

FILLABOARD can be easily cut with sharp hand tools. See separate Health & Safety Sheet for processing details. FILLABOARD will absorb water if subjected to prolonged wetting. Store under cover, stack flat on closely spaced bearers. If saturated, allow to dry thoroughly before use.

Availability

FILLABOARD is available ex-stock in a wide range of sheets, pre-cut strips and thicknesses. The complete range is detailed on 'Product Availability' sheet.

Technical Data

Density	BS1142	<400 kg/m³
Thermal Conductivity	EN13986:2004	<0.05W/mK
Bending Strength	EN13986:2004	0.8 - 1.1N/mm²
Vapour Resistivity	BS7374	20–40 MNs/g
Water Absorption 24 hrs immersion	EN13986:2004	av. 7%
Reaction to fire	EN13986:2004	class E
Biological Durability	EN13986:2004	Use class 1
Weathering	DOT/BAA	no disintegration or shrinkage
Recovery	DOT/BAA	>70% av. 82-86%
Compression loss (wgt/mass)	DOT/BAA	<1%
Extrusion	DOT/BAA	<6mm av. 0.23mm – 0.31mm

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Building Solutions

Maple House, 5 Over Minnis
New Ash Green, Longfield
Kent DA3 8JA

Tel: +44 (0)1474 872444
Fax: +44 (0)1474 872426

e-mail: sales@fillcrete.com
www.fillcrete.com