



TECHNICAL DATA SHEET

Version : 001

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CONSOL JOINTFLEX

Closed Cell Polyethylene Fillerboard

DESCRIPTION

CONSOL JOINTFLEX is a closed cell, crossed linked, non-absorbent polyethylene expansion joint fillerboard for use in expansion and isolation joints in concrete and masonry structures. **CONSOL JOINTFLEX** is non-absorbent and has excellent properties allowing it to be used in water retaining and excluding structures where, potable, salt, chlorine and sewerage water is prevalent.

RECOMMENDED FOR

- Slab on ground
- Brickwork and blockwork
- Reinforced concrete structures
- Concrete roads and pavement
- Suspended slabs
- Basement and tunnels
- Water retaining / excluding structures
- Dams and reservoirs
- Bridges and viaducts
- Airport aprons and taxiways

BENEFITS

- Non-absorbent
- Lightweight
- No bitumen contents
- Ability to compress and recover
- Non-extruding from joint movement
- Suitable for submerged or trafficable joints
- Durable

PRODUCT DATA

Density

- 50 Kg/m³ (low),
- 100 Kg/m³ (medium)
- 150 Kg/m³ (high)

Packaging

Standard sheet size 2m x 1m
thickness of 10, 12, 15, 20 and 25mm.
(Custom sizes available to suit)

TECHNICAL DATA

Compression stress strain at deflection

- 10 %** = 34 KPa
- 25 %** = 59 KPa
- 50 %** = 125 KPa

Tear Strength

- 1.0 N/nm
- 1.1 N/nm

Water absorption after 28 days

- <3%

Water vapour diffusion resistance

- > 3700

Water vapour transmission rate 10mm

- < 1.1 g/m²d

Water vapour permeability

- < 0.078

INSTRUCTION FOR USE

Installation Procedures

CONSOL JOINTFLEX is cut to size from sheets with a sharp retractable blade and adhered to the first concrete structure by a contact adhesive. Adhesive is applied directly to the **CONSOL JOINTFLEX** in 50mm diameter 'spots' @ 300mm centers (approximately) or as required. Also refer to our installation method, available upon request.

Written Specification

Where shown in the drawings, the expansion joint fillerboard shall be **CONSOL JOINTFLEX**, closed cell/cross-linked polyethylene fillerboard material, with a minimum density of 50kg/m³, as supplied by CONSOL.

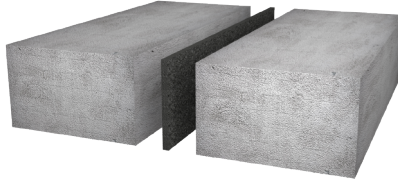
The application / installation of the product must be in accordance with the manufacturer's recommendations.



Installation Guide



1. Apply first pour of concrete & remove formwork



2. Apply Consol Jointflex onto face of 1st pour of concrete



3. Apply 2nd pour of concrete against Consol Jointflex

HEALTH AND SAFETY

In confined spaces or in still air conditions, the use of a ventilation fan or suitable respirator should be used, and the advice and approval of the Site Safety Supervisor is essential. For further information or advice on health and safety precautions, safe handling, storage and correct disposal of products, please refer to the most recent product Safety Data Sheet (SDS), which is available upon request.



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