EUCO PE FILLERBOARD



CLOSED CELL POLYETHYLENE EXPANSION JOINT FILLERBOARD EUCLID CHEMICAL

DESCRIPTION

EUCO PE FILLERBOARD is a closed cell, crossed linked, non-absorbent polyethylene expansion joint fillerboard for use in expansion and isolation joints in concrete and masonry structures.

EUCO PE FILLERBOARD is UV resistant, has excellent weatherability, is non-absorbent, and has excellent properties allowing it to be used in water retaining and water excluding structures where, potable, salt, chlorine and sewerage water is prevalent.

PRIMARY APPLICATIONS

- Slab on ground
- Brickwork and blockwork
- Reinforced concrete structure
- Concrete road and pavements
- Suspended slabs

Features

- Non-absobent
- Light weight
- Excellent weatherability
- Resistant to ultraviolent light

- Basement and tunnels
- Water Retaining and water excluding structures
- Dam & reservoirs
- Suitable for submerged or trafficable joints
- Ability to compress and recover
- Non-extruding from joint movement
- No bitumen content

TECHNICAL INFORMATION

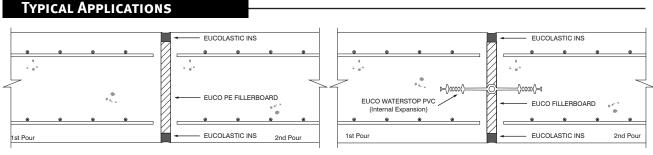
Density ISO 845	55.0 kg/m³	Compressive Stress/Strain Charecteristic at 4 loading cycle, kPa,
Tear Strength	1.51 N/mm ²	ISO 3386-1
ISO 8067		10% 25% 40% 50% 70%
Tensile Strength	0.31 N/mm ²	32.49 51.42 91.46 134.40 357.47
ISO 1798		
Elongation at Break	74.4%	Dimensional Stability at 100°C,%
ISO 1798		ISO 2796
Compression set (50%, 22hrs, 23°C) 17.76		20hrs 48hrs 7days 28days
ISO 1586		Changes in width 1.32 1.58 1.69 1.78
		Changes in length 3.31 3.34 3.74 4.46
		Changes in thickness 1.47 1.90 2.20 2.49

Packaging

EUCO PE FILLERBOARD is available in standard sheet size of 2m X 1m and available thickness of 10mm, 12mm, 15mm, 20mm and 25mm. **EUCO PE FILLERBOARD** is available in standard low density of 50kg/m3.

DIRECTIONS FOR USE

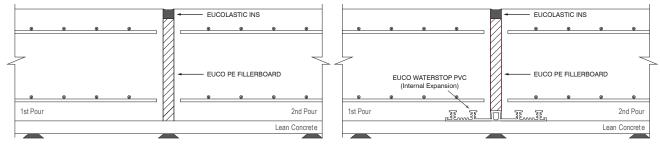
EUCO PE FILLERBOARD EUCO PE FILLERBOARD is cut to size in sheet form with a sharp retractable blade. Sheets and rolls are adhered to the first concrete structure by a contact adhesive. Adhesive is applied directly to the sheet in 50mm diameter "spots" @ 300mm centres (approximately) or as required.



GENERAL PURPOSE

WATER RETAINING / EXCLUDING

STANDARD DETAILS FOR WALL APPLICATIONS



GENERAL PURPOSE

WATER RETAINING / EXCLUDING

STANDARD DETAILS FOR GROUND SLAB APPLICATIONS

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