PH Cell

Bitumen impregnated fibreboard

1. Description

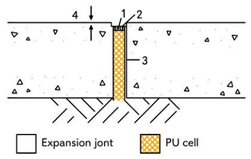
PH Cell is a compressible joint filler and protection board manufactured from high-quality, bitumen-impregnated wood fibres. It is supplied in sheet form and is designed to form and fill expansion joints in in-situ and precast concrete construction.

2. Uses

PH Cell is a compressible, non-extruding, bitumen-impregnated fibreboard expansion joint filler. It is suitable for forming structural expansion and separation joints in a wide range of applications and also serves to protect waterproof membranes against physical or mechanical damage.

Primary Applications:

- Concrete pavements and floors
- Roads, ramps, and runways
- Pedestrian areas
- Concrete retaining walls and bridges
- Concrete basement structures and subways



3. Advantages

- **Handling:** Easy to handle, cut, and tamp on-site.
- **Resilience:** A resilient filler that will not extrude under compression.
- **Performance:** Offers high recovery and low distortion characteristics.
- **Compliance:** Meets the requirements of major international standards.

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4. Properties

PROPERTY	PERFORMANCE	STANDARD
Form	Compressible sheet	
Solids Content	100%	
Recovery	Pass	ASTM D1751
Weathering	No disintegration	DTp Cl 1015
Extrusion	Pass	ASTM D1751
Distortion	Pass	ASTM D994
Brittleness	Does not crack or shatter	ASTM D994

5. Application Instructions

Slabs:

When used in in-situ concrete, PH Cell is to be placed against the shuttering before the pour begins. It can be fixed with copper nails for suspended slabs or bonded with a suitable contact adhesive to existing concrete. Care must be taken not to contaminate the surfaces of the sealing slot with adhesive.

6. Supply & Storage

Supply:

- **Sheet Size:** 1.22 m x 2.20 m
- **Thickness:** 12 mm, 13 mm, 18 mm, 25 mm

Storage:

Store under cover in cool, dry conditions.

7. Health & Safety

- **Health:** There are no known health hazards associated with PH Cell in normal use.
- **Fire:** PH Cell is combustible and will ignite if exposed to flame or other sources of ignition.

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