

PRODUCT DATA SHEET

TUFF FILL PE

*High density compressible closed cell polyethylene joint filler***DESCRIPTION**

TUFF FILL PE is a high density, closed cell polyethylene joint filler for use in expansion joints in civil and water retaining structures. Hydroboard provides excellent support for surface sealants subject to hydrostatic pressure when used inside water retaining structure.

APPLICATION

TUFF FILL PE is designed for use in application such as:

- Sea walls.
- Potable water retaining structure.
- Sewage treatment plants.
- Pedestrian areas.
- Culverts and open canals.
- Heavily trafficked floors.

ADVANTAGES

- Chemically resistant, will not be affected by diluted alkalis, acids, oil and hydrocarbons.
- Excellent recovery after compression.
- High density, provides support for surface sealants.
- Non-absorbent, closed cell.
- Non-fading.
- Low distortion.
- Rot proof.
- Easy to cut and handle.
- Non-extruding.

METHOD OF USE

TUFF FILL PE should be placed against the shuttering on the concreting side before the pour begins. Nails or suitable adhesive may be used to prevent displacement of joints in suspended slabs

PACKAGING

Sheet size: 1000 mm × 2000 mm.

Thicknesses: available between 20 to 100 mm.

Other sizes are available upon request. Joints in suspended slabs

STORAGE

Store under cover, on a flat, clean, dry and sound surface.

TECHNICAL PROPERTIES

Form: Compressible sheet

Density: $50 \pm 5 \text{ kg/m}^3$

Weathering test:

DTp CI 1015 No disintegration

Recovery:

ASTM D3575 Greater than 80% after 50% compression

HEALTH & SAFETY

There are no health hazards associated with Hydroboard in normal use.

For further information refer to the Material Safety Data Sheet.

Fire

TUFF FILL PE is flammable and will burn if exposed to flame or other sources of ignition.

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- **Concrete admixtures.**
- **Surface treatments**
- **Grouts and anchors.**
- **Concrete repair.**
- **Flooring Coating**
- **Sealants.**
- **Waterproofing.**
- **Adhesives.**