

Technical Data Sheet - TDS



CIL PolyBoard

Flexible Bitumen impregnated compressible fibre filler board

PRODUCT DESCRIPTION

CIL PolyBoard is a flexible bitumen impregnated compressible fibre board for expansion joints. Bitumen is incorporated into the board during manufacture for its moisture resistance and durability. The impregnated flexible soft board is made from wood fibres chips and proprietary materials. This mechanically reduced to fibres which are then pressed to foam a continuous sheet.

APPLICATION AND USAGE

CIL PolyBoard is generally used for Roofs and floor finishes and is ideal for filling expansion joints in concrete floors. External wall cladding, filling structural expansion and structural separation joints in block and in-situ concrete. Trafficable surfaces such as filling expansion joints in motor ways, runways, pedestrian areas, bridges etc. Internal surfaces such as filling expansion joints across concrete floors including screed floors. Building super structures where filling expansion joints in basements, retaining walls, site slabs, subways, and other water excluding structures. Weight distributing layer in combination with a leveling compound. Protection of water-

ADVANTAGES

- ▶ Chemically inert
- ▶ Soft and compressible.
- ▶ Can easily be accommodated in joints of varying widths.
- ▶ Highly resilient. Accommodates dynamic joints
- ▶ Different sizes
- ▶ Odorless

DIRECTIONS FOR APPLICATION

CIL PolyBoard Expansion Joint Filler is installed against existing concrete at columns and against adjacent structures or flat work before the placement of the subsequent concrete. For floors, paving's and runways it is installed $\frac{1}{2}$ " below the elevation of the concrete surface. when the joint is to be filled later to the surface elevation with a proper sealant. If using a polysulphide type sealant, use a masking tape (polyethylene tape) to separate the expansion joint filler from the sealant

The dowel bar is used to preserve alignment of adjacent sections of concrete slab. CIL PolyBoard is fabricated to

receive dowel bars and the entire joint assembly is placed in position before pouring concrete

TYPICAL PROPERTIES

Type	Bitumen impregnated sheet
Color	Dark Brown
Humidity	6-9%
Brittleness	No cracks
Maximum Extrusion of 50% compression	< 1mm
Fire Class DIN EN 13501-1	Class E
Thermal conductivity DIN EN 13501-1	Approx 0.05 W/m ² K

PACKING & STORAGE

CIL PolyBoard is supplied in 12mm-18mm, and 25mm. Store in clean, cool, and dry areas protected from direct sunlight. Unopened boards may be stored for up to 12 months

HEALTH & SAFETY

CIL PolBoard is not associated with any health hazards in normal use. It catches fire if exposed to flame or other source of ignition.

OTHER CONSTRUCTION, BUILDING & INTUMESCENT JOINT SEALANTS AVAILABLE FROM CIL.

- ▶ **RocSeal PS 201-** a two component, gun and pouring grade, polysulphide expansion joint sealant.
- ▶ **RocSeal ER-** Epoxy resin sealant for low movement joints in heavy duty flooring.
- ▶ **RocSeal PU200-** Heavy duty, cold applied polyurethane pavement sealant
- ▶ **CIL1200 Silicone-** Multi-purpose, high modulus, anti-fungus silicone sealant.

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Product representative or visit our website for current technical data and instructions.

Disclaimer

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer? Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and CIL makes no claim that these tests or any other tests, accurately represent all environments.

CHEMCON INTERNATIONAL LLC

P: 12360, Thoban Fujairah, United Arab Emirates T: +971 6 882 0024
E: info@chemconinternational.com W: www.chemconinternational.com