

Technical Data Sheet - TDS



CHEMCON

CIL PolyRod

Polyethylene backing rod closed cell

PRODUCT DESCRIPTION

CIL PolyRod is a flexible polyethylene foam non absorbent and chemically inert closed cell. CIL PolyRod is designed for flexible and compressible backing material for elastomeric and cold applied joint sealants.

APPLICATION AND USAGE

CIL PolyRod is generally used for expansion, isolation, control and coping joints, highway and pavement joints, log home chinking curtain walls, perimeter of window and door frames, etc.

ADVANTAGES

- ▶ Non staining
- ▶ Rat proof
- ▶ Chemically inert
- ▶ Lightweight and compressible.
- ▶ Can easily be accommodated in joints of varying widths.
- ▶ Does not allow the absorption of moisture or air.

DIRECTIONS FOR APPLICATION

When installing CIL backing rod, be careful not to puncture the surface skin. When used to foam movement joints in in-situ concrete, CIL PolyRod can be positioned next to the shuttering before casting or can be bonded to the adjacent concrete with an appropriate adhesive. The soft board must be on an external faces by a compatible weather resistant sealant.

Rod diameter should be approximately 25% more than that of the joint width. During installation avoid excessive longitudinal stretching of the rod. CIL PolyRod up to a thickness of 25mm can be cut using a stable knife and a guide bar for a straight edge after cutting. Boards thicker than 25mm should be cut with a portable electric circular saw.

CHEMCON

TYPICAL PROPERTIES

Type	Closed cell polyethylene foam
Color	White and grey
Compressive strength	0.03 N/mm
Elongation	150 %
Temp resistance	-40 to +70°C
Water absorption	< 0.6 g/cm ²
Tensile strength	0.3 Mpa

PACKING & STORAGE

CIL PolyRod is supplied in 6mm-250m,10mm-250m, 15mm-100m,20mm-50m,25mm-50m,30mm-50mm, 40mm-2m,50mm-2m. Store in clean, cool, and dry areas protected from direct sunlight. Unopened boards may be stored for up to 12 months

HEALTH & SAFETY

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

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

- ▶ **RocSeal PS-** 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
- ▶ **RocSealMastic** -Single Component, non-slump rubberized bitumen sealant.
- ▶ **RocSeal AC-**Single component ,Non- slump acrylic based Joint sealant.
- ▶ **CIL PolyBoard-** Flexible Bitumen impregnated compressible fibre filler board

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