



SEALANT ACCESSORIES

FillPro Hot Rod XL Backer Rod

Used as 'backing' in joints or cracks to help control the amount or the depth of hot-pour sealant used in a gap.

- // Can withstand temperatures in excess of 400°F
- // Oil and gasoline resistant
- // Moisture resistant
- // Compatible with most hot-pour sealants
- // Distributors in U.S. and Canada
- // ASTM D5249 Type 1



TECHNICAL DATA - FILLPRO HOT ROD XL BACKER ROD

| | |
|-------------------|--|
| Brief description | Flexible beige, closed-cell, crosslinked polyethylene foam backer rod in continuous coils and 6-foot lengths. |
| Special features | FillPro Hot Rod XL is an ideal non-absorbent backer rod used to control high temperature sealant depth and create a back stop to allow proper wetting of the joint surfaces and yield a proper bond breaker between the backer rod and the sealant. Limiting the depth of the sealant prevents excessive use, saving on caulk or sealant. Hot Rod XL backer rod can also be used as a temporary joint seal. |
| Applications | FillPro Hot Rod XL backer Rod is a backup material for most hot-pour sealants used to fill contraction and expansion joints of concrete highways, runways, driveways, and parking lots. |
| Installation | The joint depth must be great enough to allow for the proper installation of the Hot Rod XL bond breaker and hot pour sealant. The joint width will be determined by the appropriate thermal expansion coefficient as released to anticipated temperature variances. Joint walls must be smooth, even and be free of any loose residues or foreign materials. Joints should also be dry and frost-free. Using Proper Sizing Chart on reverse side, select the proper rod diameter and cut length or use directly from spool. With a correctly-sized rubber tool, blunt instrument or by hand, install rod at the level recommended by the sealant manufacturer, specifier or government agency involved. |

| Property | Value / Assessment | Standard / Test method |
|---------------------------------|---|------------------------|
| Temperature range | | |
| Service temperature | Max. °C 200 | Max. °F 392 |
| | | ASTM D5249 |
| Resistance to water | | |
| Water absorption | 0.03 gm/cc | ASTM C1016 |
| Physical attributes | | |
| Density | 1.5 - 2.5 lbs/cu.ft | ASTM D1622 |
| Mechanical properties | | |
| Tensile strength | 16 PSI minimum | ASTM D1623 |
| Compression deflection | | |
| Compression deflection | psi (kPa) 5.8 (39.9) | ASTM D5249 |
| Other technical features | | |
| Additional remarks | Outgassing (# of bubbles) >1 Classification Type 1 | ASTM C1253, ASTM D5249 |

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ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 25 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

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