

COSTAR BACKING ROD

High Performance Sealant Backing Material



PRODUCT DESCRIPTION

The Costar Backing Rod is meticulously fashioned through the utilization of extruded polyethylene foam, a material known for its durability and versatility.

This product is thoughtfully designed to cater to diverse needs, as it is made available in a range of diameters and lengths.

The incorporation of extruded polyethylene foam ensures a reliable and high-quality construction, contributing to the overall effectiveness and adaptability of the Costar Backing Rod.

- Remarkably flexible and compressible, this material adapts well to joint movements and compressive forces.
- Its commendable water resistance and temperature resilience make it a reliable choice for applications where environmental conditions may vary.
- Notably, it remains odorless, enhancing the comfort and convenience of its usage. In summary, these attributes collectively contribute to its versatility and effectiveness in diverse sealing applications.

USES

Acting as a foundational component for the application of cold-applied *Costar Expansel 100, 200, and 300* (Expansion Joint Sealant), this support material plays a crucial role by imparting the essential thickness required for the effective sealing process.

Beyond its thickness contribution, it serves as a bond breaker, a key function that enhances the efficiency of joint design.

This dual role not only ensures the proper application of the sealant but also optimizes the overall performance and longevity of the joint, making it a vital element in achieving effective and durable construction results.

APPLICATION

Substrate Preparation:

Joint Substrate should be cleaned thoroughly to remove all loose laitance, debris and or any membrane or curing agent left over.

Installation:

- When installing Costar Backing Rod, exercise caution to prevent cutting or puncturing the surface skin. Avoid excessive longitudinal stretching during the installation process.
- For hot-poured sealants, it is advisable to consult our technical department to ensure compatibility with heat-resistant requirements.
- Refrain from using it as a backer when the sealant is heated and applied at temperatures exceeding +70 degrees Celsius.
- Additionally, ensure that the rod diameter is approximately 25% larger than the joint width for optimal performance.

ADVANTAGES

- Effortless application, the closed-cell nature of this material distinguishes
- It exhibits a lack of bonding to most / various cold-applied sealants such as polyurethane and silicones. sealants, ensuring seamless bond breaking functionality, a key role that enhances the efficiency of joint design.





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TECHNICAL PROPERTIES

Type	extruded Polyethylene foam
Colour	Grey or White
Storage Conditions	Store in dry conditions and protected from heat
Compatibility	Costar Expanseal 100,200, & 300
Rod Diameter	15mm, 20mm, 25mm, 30mm, 50mm.
Temperature Resistance	-40C TO + 70C
Chemical Resistance	Good resistance to oil, petrol and solvents

STORAGE AND SHELF LIFE

Store in a cold dry place. With proper storage material can be stored and used within 12 months.

STANDARD

Conforms to the requirement of TSE 3078 – ASTM D 2240

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

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