

OCFOAM™

Open Cell Backer Rod



OCFoam™ is an open-cell polyurethane foam backer rod used as a backing in concrete construction for elastomeric and other cold-applied sealants. OCFoam acts as a barrier, limits the depth of sealant required and prevents excessive sealant use.

PERFORMANCE

OCFoam helps cold-applied sealants assume the optimum hour glass shape to prolong the sealant service life. It is commonly used in applications such as expansion and contraction joints, window glazing, curtain wall partitions, parking decks and bridge construction.

Open-cell polyurethane foam is an inert material, and therefore, it is physically and chemically compatible with virtually all known cold-applied sealants including self-leveling types.

INSTALLATION

Prior to installing OCFoam, the joints should be cleaned per the sealant manufacturer's recommendations. Thoroughly remove any concrete form-release agents, curing compound residue, laitance or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install OCFoam with a blunt tool at the depth recommended by the sealant manufacturer.

Care should be taken to properly size OCFoam as it controls the depth of the sealant bead. It must be oversized (25-50%) to fit tightly into the joint and function as a bond-breaker to prevent back-side adhesion of the sealant. Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM C 1087 test method.

DESCRIPTION

FORM: Round Foam Rod.

TYPE: O - Per ASTM C 1330. Cylindrical, flexible sealant backings composed open-cell material.

TEMPERATURE LIMITS: -45°F to +400°F.

Features

- Lightweight
- Non-gassing
- Non-exuding
- Easy to use
- Use with cold-applied sealants
- Clean product
- Inert
- Made in USA

Specification Compliance

- Meets all requirements of the 1990 Clean Air Act
- Is a "Domestic End Product" as defined in Buy American Act, Title 41 USC 10

PHYSICAL PROPERTIES

| Property | Value | ASTM Test Methods |
|---|------------|-------------------|
| Density lb/ft ³ (kg/m ³), avg. | 1.7 (27) | D 1622 |
| Outgassing (No. of Bubbles) | 0 | D 1253 |
| Compression Recovery, %, min | > 98 | D 5249 |
| Compression Deflection psi (kPa) | 1.4 (9.4) | D 5249 |
| Tensile Strength psi (kPa) | 23.5 (162) | D 3575 |

PRODUCT INFORMATION

| Product | Unit | Linear Feet Per Bag | Linear Feet Per Sleeve |
|----------------|-----------------|---------------------|------------------------|
| 3/8" (10 mm) | Sleeve (4 bags) | 750' | 3000' (914 m) |
| 5/8" (16 mm) | Sleeve (4 bags) | 500' | 2000' (609 m) |
| 7/8" (22 mm) | Sleeve (3 bags) | 350' | 1050' (320 m) |
| 1-1/8" (29 mm) | Sleeve (2 bags) | 300' | 600' (182 m) |
| 1-1/2" (38 mm) | Sleeve (1 bag) | 350' | 350' (106 m) |
| 2" (51 mm) | Sleeve (1 bag) | 200' | 200' (60 m) |