

Closed-Cell Flat Profiles



Product Name:
Flat Rod

Closed-Cell polyethylene foam expansion material, for use in concrete construction. Engineered with and without a 1/2", easy-tear strip, for use with sealant applications.

Features

- Easy to manipulate
- Chemically inert
- Waterproof
- Virtually dust-free
- Meets all of the requirements of the 1990 Clean Air Act
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10

Physical Property Requirements		
Property	Value	ASTM Test Methods
Density lb/ft ³ , avg.	≤ 2	D 1622
Outgassing (No. of Bubbles)	> 1	C 1253
Compression Recovery, %, min	> 90	D 5249
Compression Deflection psi (kgf/cm ²)	21 (1.42)	D 5249
Tensile Strength psi, min	55	D 1623
Water Absorption (g/cc)	< 4% Max.	D 3575

Description

TYPE: 2: - Strips of various thicknesses intended for use with cold-applied sealants. FORM: Flat strips. TEMPERATURE LIMITS: -45°F to +200°F.

Benefits

Polyethylene foam is an economical choice for use in concrete construction. Nomaco control strip material is lightweight, non-absorbent, UV stable and compressible for easy installation.

Applications

Closed-cell control strip extends the services life of concrete by acting as an insulator to contraction and expansion joints, while acting as a bondbreaker for sealants. Common applications include, but are not limited to: parking decks, curbs and gutters, concrete slabs, swimming pools, roads and airport runways.

Closed-Cell, Flat Profiles

Packaging Specs				
Product	Unit	Roll Length	Packaging	Unit Dimension
1/2" x 4" (1/2" slit)	Roll w/Tear Strip	50'	10 Rolls Per Bag	4" x 20" x 20"
1/2" x 6" (1/2" slit)	Roll w/Tear Strip	50'	5 Rolls Per Bag	6" x 22" x 22"
1/4" x 1" Flat Rod	Spool	2000'	18 Spools/Pallet	18" x 18" x 30"
3/8" x 1" Flat Rod	Spool	1300'	18 Spools/Pallet	18" x 18" x 30"
1/2" x 1" Flat Rod	Spool	1000'	18 Spools/Pallet	18" x 18" x 30"

Custom sizes available upon request. Please contact us for more information.

Joint Preparation and Installation

Just prior to placing the control strip, clean all joints 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 the backer rod at the depth recommended by the sealant manufacturer with a blunt tool.

Compatibility - Closed-cell polyethylene foam is basically an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold applied sealants including self-leveling types.

Precautions - Do not puncture, over compress or stretch control strip during insertion. Do not use with hot applied sealants. Tests for outgassing of cold applied sealants shall be made in accordance with ASTM Test Method C 1253. Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



Examples shown are for illustrative purposes only. Actual product may differ, slightly.

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