

DATA SHEET NO. 3040-050

X-FOAM™

Flexible, Lightweight, Concrete Expansion Joint Filler

DESCRIPTION

X-FOAM expansion joint filler is a flexible, lightweight, non-staining, polypropylene, closed-cell expansion joint filler. It is a chemical-resistant, ultraviolet stable, non-absorbent, low density, cost-effective, compressible foam that offers an extended service life in both interior and exterior applications.

USES

X-FOAM is ideal for use as an expansion, contraction, and/or isolation joint in swimming pool decks, curb and gutter work, floor slabs, pavement patch repair, sidewalks, driveways, plazas, parking decks, highways, and airport runways. The use of X-FOAM expansion joint combined with proper sealing and joint design per American Concrete Institute guidelines can help reduce unwanted cracking and early joint edge deterioration.

FEATURES/BENEFITS

- Flexible, lightweight, and can be formed around curved objects.
- Can be used with both cold- and hot-applied joint sealants
- Easy to carry.
- Easy to install.
- Can be used in interior or exterior applications.
- May be easily scored with a razor tool to create a void for POURTHANE® or DECK-O-SEAL®

PACKAGING

Thickness	Widths	Standard Lengths
12.7 mm (1/2")	76.2, 88.9, 101.6, 152.4, 203.2 mm (3", 3.5", 4", 6", 8")	1.5, 3.05 m (5', 10')
25.4 mm (1") 19.1 mm (3/4")	88.9, 101.6, 127, 152.4, 203.2 mm (3.5", 4", 5", 6", 8")	

*Special sizes available upon request.

SPECIFICATIONS/STANDARDS

- ASTM D8139-17: Standard Specification for Semi-Rigid, Closed-Cell Polypropylene Foam, Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction
- ASTM D1751 (Extrusion, Compression Recovery, Water Absorption)

TECHNICAL DATA

Test Method	Specification	Result
Compressive Strength per ASTM D545	0.2 - 0.4 MPa (30 - 60 psi)	>0.2, <0.4 MPa (>30, <60 psi)
Recovery per ASTM D545	≥ 80%	Pass
Extrusion per ASTM D545	≤ 2.5 mm (≤ 0.10")	Pass
Density per ASTM D545	≥ 56 kg/m³ (≥ 3.5 lb./ft.³)	Pass
Water Absorption @ 24 Hours per ASTM D545	≤ 1%	Pass
Heat Resistance per ASTM D5249	No observable shrinkage or disintegration	No observable shrinkage or disintegration
Freeze-Thaw Resistance per ASTM C666 Observations @ 300 cycles	No visual change	No visual change
UV Weathering per ASTM D4329 Observed Change/Cracks @ 1000 hours	No observable change or cracks	No observable change or cracks
K Factor per ASTM C518		0.286
R Value Per ASTM C518 12.7 mm (1/2") 19.1 mm (3/4") 24.4 mm (1")		1.75 2.6 3.5

APPLICATION

Attach X-FOAM securely to the existing concrete slab, coping, or form with tape or mechanical fasteners prior to pouring the next slab. Make sure that X-FOAM is level with the desired slab surfaces before finishing.

MASTERFORMAT NUMBER AND TITLE

03 15 00 - Concrete Accessories

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