



Nomaflex®

Closed Cell Flat Profiles

Closed-Cell polypropylene foam used in concrete construction such as expansion joints or forms. Engineered for use with or without sealants.

D E C E M B E R 2 0 1 4

Features

- **Lightweight, 1 person can carry 10 pieces**
- **Tested to bend around 13" column without breaking**
- **Waterproof; can be stored outside**
- **Easy to transport**
- **Easy to use, same installation methods as currently used**
- **Can hold in place using nails, stakes or spray adhesives***
- **Compatible with plastic edge caps to leave a void for sealants**
- **Can be used with hot and cold sealants**
- **Does not leach out**
- **No sticky residue**

*Spray adhesives have only been tested to ensure the adhesive will adhere to the product, no outdoor or long term testing has been completed using adhesives

Description

Nomaflex® is a closed cell extruded polypropylene foam that is easy to handle, has no odor or sticky residue and can be installed using traditional installation methods.

Benefits

Polypropylene foam can be used as a form and is rigid enough to withstand concrete pouring. It can be re-used and is compatible with traditional plastic edge caps to leave a void for sealants.

Applications

Nomaflex® extends the service life of concrete by acting as an insulator to contraction and expansion joints, while acting as a bond breaker for sealants. Common applications include, but are not limited to: sidewalks, streets, driveways, highways, curbs, parking lots, patios, airport runways, commercial and industrial applications.

Storage

Can be stored inside or outside.

Physical Properties		
Property	Value	ASTM Test Methods
Water Absorption	< 1%	D 545, D 1751
Compression Recovery, %, min	>80%	D 545, D 1751 D 1752
Extrusion	<0.1 in.	D 545, D 1751 D 1752
Boiling in Hydrochloric Acid	No disintegration	D 545, D 1752
Expansion in Boiling Water	No expansion	D 545, D 1752
Heat Resistance °F (°C)	392 ± 5° (200 ± 2.8°)	D 5249
100% Recyclable	Yes	N/A



Product Information

Product	Length	Unit	Feet Per Pack	# of 10 packs per pallet	Feet Per Pallet
1/2" x 3-1/2"	5'	Bundle of 10	50'	104	5,200
1/2" x 4"	5'	Bundle of 10	50'	96	4,800
1/2" x 5"	5'	Bundle of 10	50'	72	3,600
1/2" x 6"	5'	Bundle of 10	50'	64	3,200
1/2" x 3-1/2"	10'	Bundle of 10	100'	104	10,400
1/2" x 4"	10'	Bundle of 10	100'	96	9,600
1/2" x 5"	10'	Bundle of 10	100'	72	7,200
1/2" x 6"	10'	Bundle of 10	100'	64	6,400

Joint Preparation and Installation

Prior to the pouring of concrete Nomaflex[®] should be installed against the forms, abutting structures, or any edge where concrete is poured and an expansion joint is required. When using sealants, Nomaflex[®] should be installed 1/2" below the concrete surface to allow space for joint sealant. Install plastic edge cap prior to pouring the concrete and complete screed to finish grade. When the concrete has cured, remove the plastic edge cap. Nomaflex[®] can be used with all hot and cold applied sealants.

Compatibility

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

Precautions

Read and follow application information, precautions, and Material Safety Data Sheet information.

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