

# TECH DATA

## Everlastic® Expand-O-Foam 1380 series

### Description

- When used as a joint filler and backer material you can caulk directly to **Expand-O-Foam** as it is an inherent bond breaker - - no three sided adhesion.
- As a plank product **Expand-O-Foam** has excellent strength, resistance to creep under load, vibration and shock absorbency, and water resistance characteristics.

revised: 3-10-03

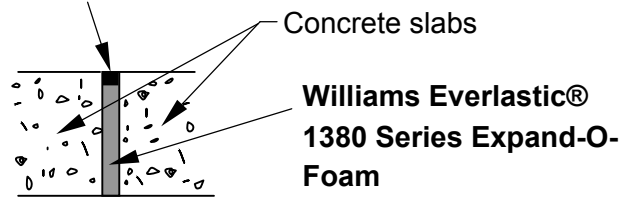
revised: 12-15-05

revised: 12-27-06

### Installation

- Adhere **Expand-O-Foam** to slab using Scotch Grip #4693. Pour new slab.

Cold applied sealant.



### Material Specifications

- ASTM D - 3575/ASTM D-1056

### Applications

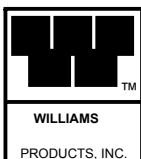
- Concrete expansion joint filler for use with cold applied sealants. Place **Expand-O-Foam 1380** against formed concrete, subsequent concrete placement directly to it.
- Pipe isolation, thermal wrap.
- Masonry expansion joints.

### Available Sizes and Packaging

- Standard thickness 5/8" to 4", 48" wide and 108" long.
- Available with self-stick, pressure sensitive adhesive (PSA) on one or two sides.
- Will cut to custom thickness, width and length.

### Typical Physical Properties

Typical Physical Properties	Unit	Test Method	Typical Results
Density:	lb/ft <sup>3</sup>	ASTM D-3575	2 to 2.4
Tear Strength	lb/in	ASTM D-3575	13
Compression Creep	psi	ASTM D-3575	<5%@3.0
Compression Strength	25% deflection psi	ASTM D-3575	10.5
	50% deflection psi	ASTM D-3575	19
Compression Set (loaded @ 1.5 psi 1000 hrs @ 50%)	%	ASTM D-3575	18
Tensile Strength (@1/2" thickness)	psi	ASTM D-3575	42
Water Absorption (lbs sf of cut surface)		ASTM D-1056	<0.2
Thermal Conductivity (BTU-in/hr/sf°F) at 75°F		ASTM C518	0.4 - 0.18
Thermal stability (change after 24 hrs at 165°F)	%	ASTM D-3575	<5



To the best of our knowledge this published information is accurate, however, to determine suitability of material/product for a specific application is the user's responsibility. Williams Products, Inc. shall not be liable for any loss or damage resulting from inappropriate usage.

**WILLIAMS PRODUCTS, INC.**

1750 MAPLELAWN BOULEVARD - TROY MICHIGAN 48084 - PHONE (248) 643-6400 - TOLL FREE (800) 521-9594 - FAX (248) 643-7117

[www.williamsproducts.net](http://www.williamsproducts.net)