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## Basic Description

EXPANSION JOINT FILLER is a preformed, non-extruding resilient joint filler, saturated with high quality bituminous materials having excellent preserving characteristics and excellent compressive and recovery capabilities.

## Features

- Non extruding
- Meets specifications ASTM Spec D 1751-83
- Excellent resiliency AASHTO Spec M 213-74
- Recovers after compression FED SPEC HH-F-341f, Type 1
- Unaffected by temperature extremes  
CORPS OF ENGINEERS SPEC CRD C 508-87
- Excellent dimensional tolerances  
FAA SPEC P 501-2.4 & P 610-2.7 (1968)
- Available in sheets, strips, curb & gutter sections
- Cuts cleanly
- Conforms to ANSI A37.1 13 and N AVFAC TS 033006.10 and 10.5

## Uses

EXPANSION JOINT FILLER is designed to relieve compressive stresses which develop when concrete expands in either horizontal, vertical or inclined directions. EXPANSION JOINT FILLER prevents the intrusion of foreign material into the joint which would prevent the joint from working. EXPANSION JOINT FILLER will not extrude (coming out of the joint) from the joint under normal compression and service temperatures and will not become brittle in cold weather.

EXPANSION JOINT FILLER is useful in all types of concrete construction in both interior and exterior applications including concrete sidewalks, curbs and gutters, concrete roadways and highways, concrete foundations, concrete slabs and wall, bridge decks, dams, etc.

### Typical applications of EXPANSION JOINT FILLER are:

1. Concrete expansion: sidewalk, retaining walls, patios, curbs and gutters, airport runways
2. Concrete isolation joints: bridge approaches, highway interchanges, dams, concrete abutments
3. Header plate sealer
4. Sill sealer

## Product Information

### Composition and Manufacture

EXPANSION JOINT FILLER is a rigid board impregnated with a special blend of asphalts.

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**General Appearance**

EXPANSION JOINT FILLER is black flexible board in the following sizes:

Length 300 cm (10 feet)  
Width 50 mm to 1200 mm in 13 mm increments (2" to 48" in ½" increments)  
Thickness Stocked in 13mm (1/2") thickness. Other thicknesses available on special order.

**Properties on Material**

See Appendix "A"

EXPANSION JOINT FILLER conforms to:

- \*ASTM D-1 751-83
- \*FM P501-2.4 & P610-2.7 (1968)
- \*AASHTO M21 3-74
- \*N AVFAC TS 033006.10 AND 10.5
- \*HHF 341f Type 1
- \*ANSI A37.113
- \*CRD C508-87
- \* asphalt content 35% +/- 2%

Compression	265-303 psi
Extrusion	0.016-0.021 inch
Recovery	88%
Density	21 lb/ft <sup>3</sup>
Water Absorption	12%
Asphalt Content	35%
Slitability	Excellent
Handleability	Excellent

**Available Sizes**

EXPANSION JOINT FILLER may be ordered in 120 cm x 300 cm (4' x 10') sheets to be cut into desired

widths and lengths at the construction site or may be ordered in desired widths and lengths.

EXPANSION JOINT FILLER is packaged on 120 cm x 300 cm (4' x 10') pallets and strapped to the pallets.

**Installation Instructions****Preparatory Work:**

1. Joint must be clean and free of loose material

**Installation Method:**

1. Cut Expansion Joint Filler to desired width and length with a knife or saw.
2. Tap Expansion Joint Filler into position inside the joint approximately 13 mm (1/2") below the concrete surface to allow for joint sealant.

3.. Pour specified joint sealant covering the exposed Expansion Joint Filler exposed edge.

### Maintenance

No special maintenance is required.

### Technical Services

To assist in the selection of materials and the preparation of specifications, please call Innovative Mfg. Inc.

### LEEDS Certification information.

<b>Product</b>	<b>V.O.C.</b>	<b>Urea Formaldehyde</b>	<b>Post Consumer Recyclable content</b>	<b>Post Industrial Recyclable Content</b>	<b>Rapidly Renewable Material Content</b>	<b>FSC Certified</b>
Expansion Joint Filler	N/A, slight odour	N/A	90-95%	90-95%	90-95% Recycled paper & wood	N/A