

# FIBER EXPANSION JOINT

Asphalt impregnated fiber expansion joint

## DESCRIPTION

SpecChem Fiber Expansion Joint is manufactured through a proprietary process that allows individual fibers to be saturated in the asphalt preservative before they are processed into final mat form. As a result, SpecChem Fiber Expansion Joint gives superior asphalt distribution, product strength, flexibility and long term aging characteristics. It is a high quality, competitively priced alternative to conventionally produced fiber expansion joint materials.

## FEATURES/BENEFITS

- Meets or exceeds AASHTO and ASTM specifications
- Approved by several state Departments of Transportation
- Resists breakage, cuts cleanly, and is easily held in position during concrete pouring
- Cut, bundles & wrapped for easy handling & storage
- Recovers substantially to original thickness after release from compression
- Resists water infiltration
- Withstands freeze/thaw cycles

## APPLICATION

SpecChem Fiber Expansion Joint is suitable for use in a wide variety of concrete construction projects. Also ideal for medium to large concrete slab work and other flatwork applications.

- Roadways
- Airport runways
- Sidewalks
- Warehouse flooring
- Driveways
- Parking lots
- Patios
- Curbs

SpecChem Fiber Expansion Joint can also be positioned against concrete forms, at interrupting objects or columns, and against abutting structures prior to the installation of concrete.

With superior long-term aging characteristics, SpecChem Fiber Expansion Joint is ideal for use as a filler strip in expansion control joints for most types of concrete construction.

## SIZES

Lengths: 5' and 10' (152.4 cm & 304.8 cm)

Standard Width: 48" (121.9 cm)

Thickness: 3/8", 1/2", 3/4", 1" (1cm, 1.3cm, 1.9cm, 2.5cm)

Cut-to-size: 2.5" to 48" in 1/2" increments

## SPECIFICATIONS

Resistance to handling (tests conducted on strips to 2.5" min. thickness)	Excellent
Compression (to 50% of original)	385-445 psi
Extrusion	0.05 - 0.15 inch
Recovery	78 - 82%
Density	19.0 - 21 lbs./ft <sup>3</sup>
Water Absorption	6 - 10%
Extractables	36 - 40%
Weathering Test	Passes

## TEST DATA

All products meet or exceed the requirements set forth in AASHTO-M-213, ASTM D-1751-99, and Federal Specification HH-F-341F, Type I, and Corps of Engineers Specification CRD-C508-87.

## WARRANTY

### NOTICE-READ CAREFULLY CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

### WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

### INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.



1511 Baltimore Ave, Suite 600  
Kansas City, MO 64108

www.specchemllc.com

866.791.8700