



## DATA SHEET NO. 3150-101

### ASPHALT EXPANSION JOINT Expansion/Contraction Joint

#### DESCRIPTION

ASPHALT EXPANSION JOINT is composed of a core of asphalt blended with mineral fillers and reinforcing fibres and extruded under heat and pressure between two asphalt-saturated felt sheets.

#### USES

ASPHALT EXPANSION JOINT is a premoulded filler for joints in sidewalks, driveways, floor slabs in both single- and multi-level construction, and all areas requiring accommodation of concrete expansion and contraction movement stresses, due to changes in temperature and moisture content.

ASPHALT EXPANSION JOINT is used in forming contraction joints 6.4 mm (1/4") thick in concrete.

#### FEATURES/BENEFITS

- Economical, effective joint filler for the uses indicated.
- Self-sealing when properly installed.
- Requires no maintenance.

#### PACKAGING

**Thickness** 6.4, 9.5, 12.7 mm (1/4", 3/8", 1/2")  
**Widths** 50.8 - 915 mm (2" - 36") in 12.7 mm (1/2") increments to suit slab depth.  
**Length** 1.52 m (5')  
**Colour** Black  
**Storage** Store sheets and cut strips on a flat surface to prevent deformation.

#### SPECIFICATIONS

- Conforms to ASTM D 994

#### TECHNICAL DATA

**Compressibility** Typical 3.9 MPa (560 psi) loading required for 50% compression.  
**Asphalt Content** Typical 75% by weight.  
**Freeze-Thaw** Unaffected by freeze-thaw cycles.  
**Durability** No cracking or shattering.  
Undamaged by ordinary handling.  
**Density** Typical 1040 kg/m<sup>3</sup> (65 lb./ft.<sup>3</sup>)  
**Water Absorption** Typical 3% by weight

#### APPLICATION

Position ASPHALT EXPANSION JOINT against walls, at columns and against abutting construction, prior to concrete placement.

Install approximately 6.4 mm (1/4") below the finished concrete surface level to allow for compression without extrusion above the concrete surface.

Joints in concrete should not exceed 12.7 mm (1/2") in thickness. Width of joint filler required is equal to slab depth less 6.4 mm (1/4").

#### PRECAUTIONS

Unless recessed approximately 6.4 mm (1/4"), filler may extrude under compression.

Do not apply sealant over ASPHALT EXPANSION JOINT.

Where joints must be sealed, use FIBRE EXPANSION JOINT or CERAMAR® from W. R. MEADOWS.

Crack control is largely dependent upon good design practice (mix design, reinforcement detail, joint size, spacing and location, etc.) and good placement techniques including proper concrete curing.

Do not use sealant over the filler.

#### MASTERFORMAT NUMBER AND TITLE

03 15 00 – Concrete Accessories

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