

W. R. MEADOWS®

SEALTIGHT®

A Family Company Since 1926

QUALITY...SERVICE...INTEGRITY

CONCRETE EXPANSION JOINTS

Minimize Concrete Cracking and Damage with Expansion Joints from W. R. MEADOWS

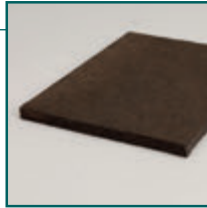


Whatever your needs...
**we have the
solution.**



FIBRE EXPANSION JOINT

is composed of cellular fibers securely bonded together and uniformly saturated with asphalt to assure longevity. FIBRE EXPANSION JOINT is versatile, resilient, flexible, and non-extruding. When compressed to half of its original thickness, it will recover to a minimum of 70% of its original thickness. (U.S. patent numbers 7,8158,772; 8,057,638; 8,038,845; 8,241,463; 6,068,804)



SPECIFICATIONS:

- ASTM D1751
- AASHTO M 213
- CRD-C 508 (Corps of Engineers)
- Federal Specification HH-F-341F, Type I
- FAA Item P-610-2.7

FIBRE LITE™

is a unique, light-duty forming material and expansion joint. Time tested across the United States and Canada, this product is perfect for forming walkways, patios, pool aprons and driveways. FIBRE LITE is compatible with sealants, including polymerized sealants.

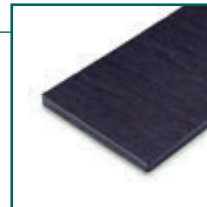


SPECIFICATIONS:

- ASTM D1751 (with exemption for asphalt content)
- AASHTO M 213 (with exemption for asphalt content)

ASPHALT EXPANSION JOINT

is composed of a blend of asphalts, vegetable fibers, and mineral fillers formed under heat and pressure between two asphalt-saturated liners. It is waterproof, permanent, flexible, and self-sealing.

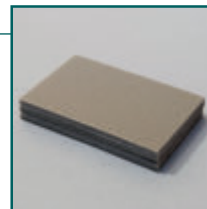


SPECIFICATIONS:

- ASTM D994
- AASHTO M 33
- Federal Specification HH-F-341F, Type I
- FAA Item P-610-2.7

CERAMAR®

flexible foam expansion joint filler is composed of a unique blend of isomeric polymers in a very small, closed-cell structure. Gray in color, CERAMAR is a lightweight, highly flexible, and resilient material offering recovery qualities of over 99%. This mini closed-cell structure is virtually non-absorbent. It can be wrapped or formed around curved or circular surfaces.



SPECIFICATIONS:

- ASTM D1752 [Sections 5.1-5.4, with compression requirement modified to 10-25 psi (0.07 - 0.17 MPa)]
- ASTM D5249, Type 2
- ASTM D7174

DECK-O-FOAM®

expansion joint filler is a flexible, lightweight, non-staining, polyethylene, closed-cell expansion joint filler. It is a chemical-resistant, ultraviolet stable, non-absorbent, low density, economical, compressible foam that offers an extended service life in both interior and exterior applications. Product is ideal for decorative concrete installations.

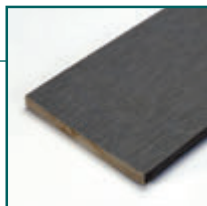


SPECIFICATIONS:

- ASTM D4819, Type II
- ASTM D4819-II*
- *½ = ASTM D4819, Type II-W2, B5, D2, L6, S3, T1,3, T2,4
- *¼ = ASTM D4819, Type II-W2, B7, D1, L6, S3, T1,4, T2,4

SPONGE RUBBER EXPANSION JOINT

is produced to a uniform thickness and density from gray-colored, top-quality, blown sponge rubber. It is easily compressed and has a recovery of 95% or more of the original thickness and a density of not less than 30 pounds per cubic foot (480.56 kg per cubic meter).



SPECIFICATIONS:

- ASTM D1752, Type I
- AASHTO M 153, Type I
- CRD-C 509, Type I (Corps of Engineers)
- Federal Specification HH-F-341F, Type II, Class A
- FAA Item P-610-2.7

CORK EXPANSION JOINT

is produced from clean, selected, granulated cork bonded with a synthetic resin. It is highly resilient, will compress without extrusion, and recovers to 95% of its original thickness after 50% compression.



SPECIFICATIONS:

- ASTM D1752, Type II
- AASHTO M 153, Type II
- CRD-C 509 Type II (Corps of Engineers)
- Federal Specification HH-F-341F, Type II, Class B
- FAA Item P-610-2.7

SELF-EXPANDING CORK EXPANSION JOINT

is formed and compressed under heat and pressure to permit expansion up to 140% of original thickness after installation, which permits the filler to compensate for concrete shrinkage. Normal humidity conditions after installation activate the self-expanding properties of the cork. Product may be cut on jobsite to exact size required. Product is ideal for water-retaining structures.



SPECIFICATIONS:

- ASTM D1752, Type III
- AASHTO M 153, Type III
- CRD-C 509 Type III (Corps of Engineers)
- Federal Specification HH-F-341F, Type II, Class C
- FAA Item P-610-2.7

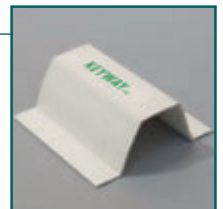
SNAP-CAP®

provides a time and cost-saving method for forming straight, uniform and debris-free joints of the proper configuration, ready to seal. The top of SNAP-CAP pulls free and can be discarded. The exposed concrete surfaces assure balanced adherence to the sides. It is ideal for both horizontal and vertical concrete projects.



KEYWAY™

is lightweight, flexible and an easy way to mold a keyed tongue and groove construction joint. KEYWAY resists impact and will not whip or warp. It strips quickly and can be reused or left in place.



DECK-O-JOINT®

is a decorative expansion joint for use wherever concrete is placed. It is economical, long lasting and trouble-free. DECK-O-JOINT resists acids, alkali, chlorine, etc. A light hose down keeps it bright and clean.



SPEED-E-JOINT®

offers an ideal solution to controlling cracks in concrete. It is a rigid preformed contraction joint that produces a straight-line crack on the surface of concrete slabs and locks into the aggregate just below the surface. SPEED-E-JOINT is strong, economical and eliminates waste in providing straight lines. It is quick and easy to install. The top section pulls free once the joint has been placed correctly in the wet concrete.





SPONGE RUBBER EXPANSION JOINT

Expansion/Contraction Control Joint

DESCRIPTION

SPONGE RUBBER EXPANSION JOINT is produced to a uniform thickness and density from gray-colored, top-quality, blown sponge rubber. It is easily compressed and has a recovery of 95% or more of the original thickness and a density of not less than 30 lb./ft.³ (480.56 kg/m³).

USES

SPONGE RUBBER EXPANSION JOINT is frequently used on bridge structures and sewage treatment plants that undergo rapid changes in temperature. Because of its excellent recovery capability during wide temperature variations, SPONGE RUBBER EXPANSION JOINT is used around supporting pillars, drains, hydrants, and lamp and sign posts, as well as in isolation applications or between materials having dissimilar coefficients of expansion.

FEATURES/BENEFITS

- High resiliency with excellent recovery after compression.
- Protects against water infiltration when properly sealed.
- Easy to handle and install.
- Offers isolation capabilities.

PACKAGING

Thickness Widths	Slab Widths	Standard Lengths
1/4" (6.35 mm)	36" (914.4 mm)	10' (3.05 m)
3/8" (9.53 mm)		
1/2" (12.7 mm)		
3/4" (19.05 mm)		
1" (25.4 mm)		

SPECIFICATIONS

- AASHTO M 153, Type 1
- ASTM D 1752, Type 1
- Corps of Engineers CRD-C 509, Type I
- FAA Specification Item P-610-2.7
- Federal Specification HH-F-341 F, Type II, Class A

APPLICATION

The type of control joint and spacing used will vary with each project according to the type of structure, climatic conditions, and anticipated stresses in the concrete. Thinner joints of 1/4" (6.35 mm), 3/8" (9.53 mm), or 1/2" (12.7 mm), spaced at frequent intervals, offer greater control than thicker joints spaced at greater intervals. The basic objective is to provide ample room for the concrete to expand or contract without creating damaging stresses. Expansion joints should be positioned against forms at interrupting objects or columns and against abutting structures prior to the placement of the concrete. SPONGE RUBBER EXPANSION JOINT should be recessed 1/2" (12.7 mm) below the concrete surface to accept the joint sealant. To isolate filler from sealant, use SNAP-CAP® from W. R. MEADOWS.

DECK-O-SEAL®, POURTHANE NS, POURTHANE SL, and SOF-SEAL® are suitable sealants for horizontal applications of SPONGE RUBBER EXPANSION JOINT. The recommended sealants for vertical applications are DECK-O-SEAL GUN GRADE and POURTHANE NS.

PRECAUTIONS

Silicone sealants are not recommended for use with SPONGE RUBBER EXPANSION JOINT.

CONTINUED ON REVERSE SIDE...

LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most current data sheet, further LEED information, and MSDS, visit www.wrmeadows.com.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.