

EXPANSION AND CONTRACTION JOINTS

Technical Description

SEALTIGHT ASPHALT Expansion Joint Filler 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.

SEALTIGHT 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.

SEALTIGHT 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.

SEALTIGHT 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).

SEALTIGHT STANDARD CORK Expansion Joint Filler is produced from clean, selected, granulated cork bonded with a phenolic resin. It is highly resilient, will

compress without extrusion and recover to 95% of its original thickness after 50% compression.

SEALTIGHT 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



ASPHALT



FIBRE



CERAMAR



SPONGE RUBBER



CORK



SELF-EXPANDING CORK

CONTROL JOINT SPECIFICATION DATA AND SIZE INFORMATION

TYPE	CONFORMS TO OR MEETS SPECIFICATIONS	THICKNESS WIDTHS*	SLAB WIDTHS	STANDARD LENGTHS
ASPHALT	<ul style="list-style-type: none"> •ASTM D 994 •FEDERAL SPECIFICATION HH-F-341 F, TYPE III •AASHTO M 33 •FAA SPECIFICATION Item P-610-2.7 	1/4" (6.35mm) 3/8" (9.53mm) 1/2" (12.7mm) 3/4" (19.05mm) 1" (25.4mm)	36" (914.4mm)	5' (1.52m) 6' (1.83m) 10' (3.05m)
FIBRE	<ul style="list-style-type: none"> •ASTM D 1751 •AASHTO M 213 •FAA SPECIFICATION Item P-610-2.7 •Corps of Engineers CRD-C 508 •FEDERAL SPECIFICATION HH-F-341 F, Type I 	1/4" (6.35mm) 3/8" (9.53mm) 1/2" (12.7mm) 3/4" (19.05mm) 1" (25.4mm)	36", 48" (914.4mm, 1.22m)	10' (3.05m) Also available 5', 6', 12' (1.5, 1.83, 3.66m)
CERAMAR	<ul style="list-style-type: none"> •ASTM D 1752, Sections 5.1 through 5.4 with the compression requirement & modified to 10psi (.069 MPa) minimum and 25psi (.173 MPa) maximum 	1/4" (6.35mm) 3/8" (9.53mm) 1/2" (12.7mm) 3/4" (19.05mm) 1" (25.4mm)	48" (1.22m)	10' (3.05m)
SPONGE RUBBER	<ul style="list-style-type: none"> •ASTM D 1752, Type I •FEDERAL SPECIFICATION HH-F-341 F, TYPE II, Class A •AASHTO M 153, Type I •FAA SPECIFICATION Item P-610-2.7 •Corps of Engineers CRD-C 509, Type I 	1/4" (6.35mm) 3/8" (9.53mm) 1/2" (12.7mm) 3/4" (19.05mm) 1" (25.4mm)	36" (914.4mm)	10' (3.05m)
CORK	<ul style="list-style-type: none"> •ASTM D 1752, Type II •FEDERAL SPECIFICATION HH-F-341 F, TYPE II, Class B •AASHTO M 153, Type II •FAA SPECIFICATION Item P-610-2.7 •Corps of Engineers CRD-C 509, Type II 	1/4" (6.35mm) 3/8" (9.53mm) 1/2" (12.7mm) 3/4" (19.05mm) 1" (25.4mm)	36" (914.4mm)	10' (3.05m)
SELF-EXPANDING CORK	<ul style="list-style-type: none"> •ASTM D 1752, Type III •FEDERAL SPECIFICATION HH-F-341 F, TYPE II, Class C •AASHTO M 153, Type III •FAA SPECIFICATION Item P-610-2.7 •Corps of Engineers CRD-C 509, Type III 	1/2" (12.7mm) 3/4" (19.05mm) 1" (25.4mm)	36" (914.4mm)	5' (1.52m)

*Pre-cut joint furnished in any desired width