Expansion Joint



EXPANSION AND CONTRACTION JOINTS

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 bonded together and uniformly saturated with asphalt to assure longevity. Flbre 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 Expansion
Joint is composed of a
unique blend of isomeric
polymers in a very small, closed
cell structure. CERAMAR is a gray
lightweight, highly flexible and resilient material
offering recovery qualities of over 99%. This miniclosed 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 blown sponge rubber. It is easily compressed and has a recovery of 95% or more of the original thickness and density of not less than 30 pounds per cubic foot (480.56 kg per cubic meter).

SEALTIGHT STAN-DARD CORK Expansion Joint Filler is produced from clean, selected, granulated cork bonded with a phenolic resin. It is highly resilient, and will compress without extrusion. The Cork recovers to 95% of its original thickness after 50% compression.

SEALTIGHT SELF-EX-PANDING CORK Expansion Joint is formed and compressed under heat and pressure to permit expansion up to 140% of original thickness. This permits the filler to compensate for concrete shrinkage. Normal humidity conditions after installation activate the self-expanding properties of the cork.

Туре	Conforms to or Meets Specifications	Thickness Widths*	Slab Lengths	Standard
ASPHALT	• ASTM D 994	1/4" (6.35mm)	36"	5' (1.52m)
	Federal Specifications HH-F-341 F, Type III	3/8" (9.53mm)	(914.4mm)	6' (1.83m)
	AASHTO M 33	1/2" (12.7mm)	(517.4000)	10' (3,05m)
	FAA Specifications Item P-610-2.7	3/4" (19.05mm)		10 (3.0311)
		1" (25.4mm)		
	• ASTM D 1751	1/4" (6.35mm)	36", 48"	10' (3.05m)
FIBRE	• AASHTO M 213	3/8" (9.53mm)	(914.4mm,	Also available
	FAA Specifications Item P-610-2.7	1/2" (12.7mm)	1.22m)	5', 6', 12'
	Corps of Engineers CRD-C 508	3/4" (19.05mm)	r.LLm,	(1.5, 1.83,
	Federal Specifications HH-F-341 F, Type I	1" (25.4mm)		(1.5, 1.65, 3.66m)
	ASTM D 1752, Sections 5.1 through 5.4 with the	1/4" (6.35mm)	48"	10'
CERAMAR	compression requirement and modified to 10psi	3/8" (9.53mm)	(1.22m)	(3.05m)
	(0.69 Mpa) minimum and 25psi	1/2" (12.7mm)	(1122111)	(0.00111)
	(.173Mpa) maximum	3/4" (19.05mm)		
		1" (25.4mm)		
	• ASTM D 1752 Type I	1/4" (6.35mm)	36"	10'
SPONGE	Federal Specifications HH-F341 F, Type II, Class A	3/8" (9.53mm)	(914.4mm)	(3.05m)
RUBBER	AASHTO M 153, Type 1	1/2" (12.7mm)	` ,	(5.55)
	FAA Specifications Item P-610-2.7	3/4" (19.05mm)		
	Corps of Engineers CRD-C 509, Type I	1" (25.4mm)		
	• ASTM D 1752, Type II	1/4" (6.35mm)	36"	10'
CORK	• Federal Specifications HH-F-341 F, Type II, Class B	3/8" (9.53mm)	(914.4mm)	(3.05m)
	• AASHTO M 153, Type II	1/2" (12.7mm)		(**************************************
	FAA Specifications Item P-610-2.7	3/4" (19.05mm)		
	Corps of Engineers CRD-C 509, Type II	1" (25.4mm)		
0515	ASTM D 1752 Type III	1/4" (6.35mm)	36"	5'
SELF-	• Federal Specifications HH-F-341 F, Type II, Class C	3/8" (9.53mm)	(914.4mm)	(1.52m)
CORK	• AASHTO M 153, Type III	1/2" (12.7mm)		,
	• FAA Specifications Item P-610-2.7	3/4" (19.05mm)		
	Corps of Engineers CRD-C 509, Type III	1" (25.4mm)		



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