



HORN EXPANSION JOINT FILLERS

Quick Reference Chart

JOINT FILLER	DESCRIPTION	USE	SPECIFICATIONS	DENSITY/SIZE
HORNBOARD/ FIBER	Asphalt Impregnated Cellulose Fiber	General, Multi-Purpose Expansion Joint Filler for Concrete Sidewalks, Driveways, Highway Works.	ASTM D 1751-83 AASHTO M 213-74 FED. SPEC. HH-F-341F, TYPE I CRD C 508-72 FAA P 501-2.4	25 LB/CUF. LENGTHS: 5' and 10' THICKNESS: 1/4", 3/8", 1/2", 3/4", 1"
STANDARD CORK	Granulated Cork Bonded Together Under Heat and Pressure with Phenolic Resin	Extensively Used in Sewage Plants, Floodwalls, Filtration Plants, and in Bridge Constructions.	ASTM D 1752-67, TYPE II FED. SPEC. HH-F341F, TYPE II AASHTO M 153-70 TYPE II FAA SPEC. P501-2.4	16 LB/CUF. LENGTH: 10' THICKNESS: 1/4", 3/8", 1/2", 3/4", 1"
S. E. - CORK	Similar in Composition to Standard Cork, But is Specially Treated to Enable It to Expand 50" Beyond Original Thickness	Used Where It is Essential to Keep Joints Filled at All Times, Water & Sewage Plants, Dams, Tunnels.	ASTM D 1752 TYPE III AASHTO M 153 TYPE III FED. SPEC. HH-F-341F, TYPE II CRD C-509 TYPE III FAA P 501-2.4	24 LB/CUF. LENGTH: 10' THICKNESS: 1/2", 3/4", 1"
SPECIAL ORDER* JOINT FILLERS				
CEMENTONE®	Gray Colored High Quality Blown Sponge Rubber	Used Where Complete Resilience is Essential, and Gray Color is Specified.	ASTM D 1752-67 TYPE I AASHTO M 153-70 TYPE I FED. SPEC. HH-F-341F, TYPE II CRD C 509-70 TYPE I FAA P 501-2.5	40 LB/CUF. LENGTH: 10' THICKNESS: 1/2", 3/4", 1"
DARKTONE	Rubber Particles Bonded Together Under Heat and Pressure	Used Where Complete Resilience is Essential and the Color is Not Specified.	ASTM D 1752-67 TYPE I AASHTO M 153-70 TYPE I	35 LB/CUF. SLAB: 36" x 36" THICKNESS: 1/2", 3/4", 1"
RODOFOAM® 300	Closed Cell Non-Extruding Soft Resilient PVC Foam	Used Where Oil, Ozone, Chemicals and Weather Resistance Required.	ASTM D 1667 GRADE VE-41	5 LB/CUF. SLAB: 48" x 64" THICKNESS: 1/4", 3/8", 1/2", 3/4", 1", 2"
RODOFOAM® 327	Closed Cell Non-Extruding Semi-Rigid Resilient PVC Foam	Used Where Oil, Ozone, Chemicals, Weather and Rigid Back-up Material is Required.	ASTM D 1667 GRADE VE-45	6 LB/CUF. SLAB: 48" x 64" THICKNESS: 1/4" to 2"
RODOFOAM® II	Cellular Cross Linked Polyethylene Foam	Used for Seismic Separation Joints in Nuclear Plants and Other Critical Construction Applications.	A.C. HORN INC. SPECIFICATION	2.2 LB/CUF. SLAB: 48" x 48" THICKNESS: 1/2" to 3"
CLOSED CELL PLASTIC	Expanded Closed Cell Polyethylene Foam	Used as a Back-up Strip Under Cold Applied Joint Sealants, in Concrete Structures.	ASTM D 1752 MODIFIED	2.4 LB/CUF. LENGTH: 9' THICKNESS: 1/4" to 2"
HORNFOAM®	Similar to Closed Cell Plastic Foam with Lower Density	Used as Joint Filler in Concrete and Masonry. Compatible with Cold Applied Joint Sealants.	ASTM D 1752 MODIFIED	1.7 LB/CUF. LENGTH: 250', 200', 125' THICKNESS: 1/4", 3/8", 1/2"
STRIP-JOINT	Cellular Cross Linked Polyethylene Foam with Strip-Off Cap	Used for Swimming Pools, Water and Sewage Treatment Plants, Power Plants.	ASTM D 1752 MODIFIED	2.0 LB/CUF. LENGTH: 100', 75', 50', 8' THICKNESS: 1/4", 3/8", 1/2", 3/4", 1"
NEOFOAM	Neoprene-Ethylene Propylene Rubber	Used Where Oxidation, Ozone, Oil, Chemical, and High Temperature Resistance Required.	ASTM D 1056 SCE-43, RE-43 SUFFIX CE1, F1, MP	9.0 LB/CUF. SLAB: 42" x 72" THICKNESS: 1/2" to 2"
EVAFOAM	Low Density Ethylene Vinyl Acetate	Used Where Minimum Load Transfer, Maximum Ozone and Chemical Resistance Required.	A.C. HORN INC. SPECIFICATION	2.8 LB/CUF. SLAB: 46" x 84" THICKNESS: 1/2" to 3"

*Always call to verify. Due to production restraints several of the special order joint fillers will be discontinued.

TECHNICAL SERVICE: For application procedures or surface conditions not specified above, please contact:

TAMMS SERVICE GROUP • TAMMS INDUSTRIES

TAMMS INDUSTRIES
3835 State Route 72
Kirkland, IL 60146
800-862-2667
FAX: 815-522-2323
www.tamms.com

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