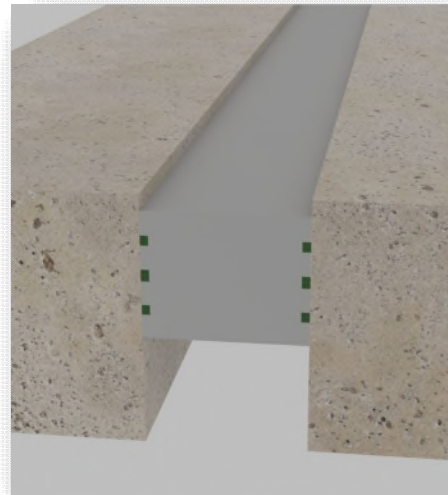


pEVA Foam

Closed Cell, monolithic cross section, ethylene vinyl acetate (EVA) Polyethylene Foam

PRODUCT DESCRIPTION

- pEVA Foam is a preformed closed cell, monolithic cross section ethylene vinyl acetate polyethylene foam that is bonded into place with a two component 100% solids adhesive.
- pEVA Foam is capable of accommodating movements (50% compression and 25% tension of nominal seal width), and water tightness given variations in joint widths through compression and tension.
- UV stable pEVA Foam resists abrasion, oxidation, oils, salt and other materials that are spilled on or applied to the surface.
- Grooves are placed along its edges to ensure



FEATURES & BENEFITS

- Monolithic construction eliminates potential of any cohesive material bond failure or delamination in service.
- Formulated to be UV stable under any outdoor environment.
- Grooves designed to accept adhesive resulting in a bond that eliminates adhesive failures.
- When compressed there is minimal upward movement.

COLOR OPTIONS

- pEVA Foam is available in UV stable Gray.

RECOMMENDED FOR

- Sealing joints on bridges, parking decks, stadiums, buildings and wastewater treatment facilities
- Repair and maintenance of existing joints
- Horizontal and vertical applications
- Expansion joints with varying joint widths.

STORAGE

- Do not allow any of the chemical components to freeze prior to installation. Store all epoxy components out of direct sunlight in a clean, dry location between 50°F (10°C) and 95°F (35°C).

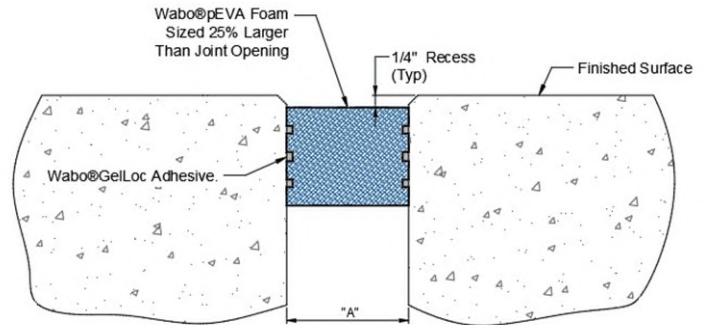
RELATED DOCUMENTS

- Safety Data Sheets (SDS) – (adhesive only)
- pEVA Foam Specification
- pEVA Foam Sales Drawings
- pEVA Foam Installation Procedure
- 100% Solids Adhesive Data Sheet

TECHNICAL DATA:

Design Information

The design of the seal shall be capable of accommodating movement and variations in joint widths through compression and tension of its shape. Grooved sidewalls shall be 1/8" (3mm) wide by 1/8" deep (3mm) and spaced between 1/4" (6mm) to 1/2" (13mm) apart and run along the entire length of the bond surfaces of the seal to ensure an effective and quality surface for adhesion.



Movement Table

	WBA Part Number	Joint Opening @68°F (20°C)		Joint Opening (Thermal) : 'A'					
		inches	mm	Min		Max		Total Movement.	
				inches	mm	inches	mm	inches	mm
pEVA FOAM 1" X 1" GRAY	90100	0.75	19	0.50	13	1.25	32	0.75	19
pEVA FOAM 1-1/4" X 2" GRAY	90101	1.00	25	0.63	16	1.56	40	0.94	24
pEVA FOAM 1-5/8" X 2" GRAY	90102	1.25	32	0.81	21	2.03	52	1.22	31
pEVA FOAM 1-3/4" X 2" GRAY	90103	1.375	35	0.88	22	2.19	56	1.31	33
pEVA FOAM 1-7/8" X 2" GRAY	90104	1.50	38	0.94	24	2.34	60	1.41	36
pEVA FOAM 2-3/16" X 2" GRAY	90106	1.75	44	1.09	28	2.73	69	1.64	42
pEVA FOAM 2-1/2" X 2" GRAY	90105	2.00	51	1.25	32	3.13	79	1.88	48
pEVA FOAM 2-7/8" X 2-1/2" GRAY	90107	2.25	57	1.44	37	3.59	91	2.16	55
pEVA FOAM 3-1/8" X 2-1/2" GRAY	90108	2.50	64	1.56	40	3.91	99	2.34	60
pEVA FOAM 3-7/16" X 2-1/2" GRAY	90109	2.75	70	1.72	44	4.30	109	2.58	65
pEVA FOAM 3-3/4" X 2-1/2" GRAY	90110	3.00	76	1.88	48	4.69	119	2.81	71
pEVA FOAM 4-1/16" X 3" GRAY	90111	3.25	83	2.03	52	5.08	129	3.05	77
pEVA FOAM 4-3/8" X 3" GRAY	90112	3.50	89	2.19	56	5.47	139	3.28	83
pEVA FOAM 4-11/16" X 3" GRAY	90113	3.75	95	2.34	60	5.86	149	3.52	89
pEVA FOAM 5" X 4" GRAY	90114	4.00	102	2.50	64	6.25	159	3.75	95
pEVA FOAM 5-5/16" X 4" GRAY	90115	4.25	108	2.66	67	6.64	169	3.98	101
pEVA FOAM 5-5/8" X 4" GRAY	90116	4.50	114	2.81	71	7.03	179	4.22	107
pEVA FOAM 6" X 4" GRAY	90117	4.75	121	3.00	76	7.50	191	4.50	114
pEVA FOAM 6-1/4" X 4" GRAY	90118	5.00	127	3.13	79	7.81	198	4.69	119
pEVA FOAM 6-9/16" X 4" GRAY	90119	5.25	133	3.28	83	8.20	208	4.92	125
pEVA FOAM 6-7/8" X 4" GRAY	90120	5.50	140	3.44	87	8.59	218	5.16	131
pEVA FOAM 7-3/16" X 4" GRAY	90121	5.75	146	3.59	91	8.98	228	5.39	137
pEVA FOAM 7-1/2" X 4" GRAY	90122	6.00	152	3.75	95	9.38	238	5.63	143

Seal material should be sized 25% larger than the joint opening at near neutral but never less than 10% oversized or greater than 35% oversized. Joint Variations: If a joint opening is not uniform, the limits of the joint opening for the specified seal size are as follows:

PHYSICAL PROPERTIES:

Seal Profile - Wabo®pEVA Foam Seal is a joint seal comprised of an impermeable closed cell, crosslinked ethylene vinyl acetate, low density polyethylene copolymer resilient and non-extrudable foam material with a UV stabilizer.

PHYSICAL PROPERTIES	ASTM METHOD	REQUIREMENTS
Elongation at Break	ASTM D3575	275% +/-25%
Tensile Strength	ASTM D3575	74 psi +/-21
Compression Set	ASTM D3575	13%
Weathering / Deterioration	AASHTO T42 (ASTM D4329)	No Deterioration
Tear Resistance	ASTM D3575	13.5 lbf/in +/-20%
Density	ASTM D3575	2.3 +/-20%
Water Absorption	DIN 53428	1% Volume Max
Specimen Extrusion	ASTM D3575	<.25"
Flammability, >1/4"	FMVSS302	4"/min PASS

Adhesive - Gel-Loc LP is a low modulus general purpose epoxy gel that meets ASTM-C881, Type III, Grade: 3, Class: B&C. Gel-Loc LP is a two component, 100% solids, epoxy gel that is used for patching, bonding, and surface sealing.

PHYSICAL PROPERTIES	ASTM METHOD	REQUIREMENTS
Blended Color	Visual	Gray Concrete
Tensile Strength	ASTM D638	2,400 psi (17 Mpa)
Flexural Strength	ASTM D790	500 psi (3 Mpa)
Bond Strength (48 hrs)	ASTM C321	575 psi (4 Mpa)
Water Absorption	N/A	0.3% (24hrs)
Pot Life (3oz) @ 77F	N/A	45 min.

Gel-Loc A: 1 Quart (32oz) = 57.75 cubic inch
 Gel-Loc B: 1 Quart (32oz) = 57.75 cubic inch
 Total: 64oz = 115.5 cubic inch

Seal Depth		Yield	
1"	25 mm	17 LF	5 m
2"	50 mm	8.5 LF	2.6 m
3"	75 mm	4 LF	1.2 m
4"	100 mm	3.5 LF	1 m