01-1451

Date: **07/15/2025**

Submittal No: **01**

Project: **Fletcher ES Mod. Classroom Building**
BP# 02 Building & Site Concrete
9801 Highland Knolls Dr.
Bakersfield, CA 93306

Owner: **Bakersfield City School District**
1300 Baker St.
Bakersfield, CA 93305

Architect: **Ordiz Melby Architects, Inc.**
5500 Ming Ave. Ste. 280
Bakersfield, CA 93309

Contractor: **JTS Construction**
P.O. Box 41765
Bakersfield, CA 93384-1765

Subcontractor: **JTS Construction**

Submittal: **Joint Sealants & Caulking**

Contractor's Stamp
JTS CONSTRUCTION
BY: Omar Cabral
DATE: 7/15/2025
REVIEWED/RESUBMIT

[X] REVIEWED
[ ] NOT ACCEPTABLE
[ ] REVISE AND RESUBMIT
[ ] FOR RECORD ONLY
[ ] REVIEWED AND CORRECTED

The review of Shop Drawings and/or Submittals is only for conformance with the design concept of the Project and compliance with the information given in the contract documents. Contractor is responsible for dimension confirmation and correlation at the job site, for information that pertains solely to the fabrication processes or to techniques of construction, and for coordination of the work of all trades involved in the project. The review of these Shop Drawings and/or Submittals does not relieve the Contractor from compliance with the Contract Documents.

Ordiz-Melby Architects, Inc.

BY _____ DATE 07/15/2025

PRODUCT DATA

NO. 320-F

MasterFormat: 03 15 00

APRIL 2018
(Supersedes March 2016)

FIBRE EXPANSION JOINT

Multi-Purpose, Expansion-Contraction Joint Filler

DESCRIPTION

FIBRE EXPANSION JOINT is composed of cellular fibers securely bonded together and uniformly saturated with asphalt to assure longevity. Wherever a cost-effective joint filler is required, FIBRE EXPANSION JOINT meets the need. Manufactured and marketed by W. R. MEADOWS since the early 1930s, FIBRE EXPANSION JOINT is backed by over 80 years of proven application experience. 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. FIBRE EXPANSION JOINT will not deform, twist, or break with normal on-the-job handling. Breakage, waste and functional failure resulting from the use of inferior, foreign fiber materials can cost you time and dollars and can result in a substandard finished job, generating costly callbacks and rework expenses. However, the purchase and installation of FIBRE EXPANSION JOINT (a small segment of the total project's cost) contributes to both the final cost efficiency and functional success, far greater in proportion than its original cost.

Representative United States patents: USPNs 7,815,722; 8,057,638; 8,038,845; and D558,305. (See also www.wrmeadows.com/patents for further patent/intellectual property information.)

USES

FIBRE EXPANSION JOINT is ideal for use on highways, streets, airport runways, sidewalks, driveways, flatwork, and scores of commercial and industrial applications subject to pedestrian and vehicular traffic.

FEATURES/BENEFITS

- Provides the ideal product for the majority of all expansion/contraction joint requirements.
- Non-extruding ... versatile ... offers a minimum 70% recovery after compression.
- This tough, lightweight, easy-to-use, semi-rigid joint filler is available in strips and shapes fabricated to your requirements.
- Easy to cut ... dimensionally stable ... not sticky in summer or brittle in winter.
- Provides neat, finished joints requiring no trimming.
- Often copied ... but never equaled.
- Remains the standard of the industry today ... with over 80 years of proven and satisfactory performance.
- Can be punched for dowel bars and laminated to thicknesses greater than 1" (25.4 mm).

Conforms to or meets:	Thickness	Slab Widths	Standard Lengths	Weight per ft.^{3}
• AASHTO M 213 • ASTM D1751 • Corps of Engineers CRD-C 508 • FAA Specification Item P-610-2.7 ▪HH-F-341 F, Type 1	3/8", 1/2" 3/4", 1" (9.5, 12.7, 19.1, 25.4 mm)	36", 48" (.91, 1.22 m)	10' (3.05 m) Also available: 5', 6', 12' (1..5, 1.83, 3.66 m)	>19 lb.

CONTINUED ON REVERSE SIDE…

W. R. MEADOWS, INC.
P.O. Box 338 • HAMPSHIRE, IL 60140-0338
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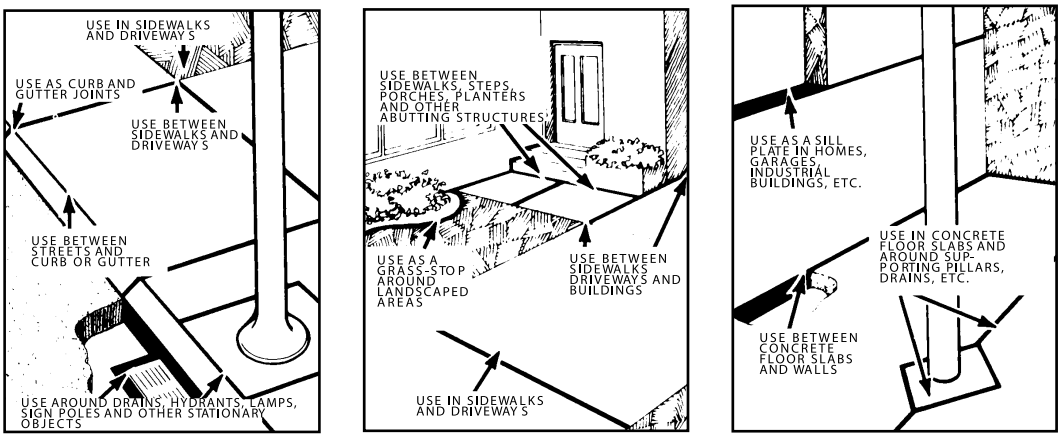
1-800-342-5976
www.wrmeadows.com

TYPICAL APPLICATIONS



SPECIFICATIONS AND SIZE

INFORMATION

APPLICATION

FIBRE EXPANSION JOINT is positioned against the forms, at interrupting objects or columns, and against abutting structures prior to the placement of concrete. FIBRE EXPANSION JOINT should be installed 1/2" (12.7 mm) below the concrete surface to accept a joint sealant which will provide for maximum protection from water infiltration and weathering, in addition to keeping the joint free from incompressibles. SNAP-CAP® from W. R. MEADOWS is recommended to create the reservoir for the joint sealant and the use of POURTHANE SL, POURTHANE NS, or DECK-O-SEAL as the sealant to protect the joint. Before sealing, slide SNAP-CAP over the top of the expansion joint. Place the concrete and screed to finish grade, as usual. When concrete is cured, insert a screwdriver through the top of SNAP-CAP, pull free and discard. In applications where one of the above-mentioned joint sealants is used without SNAP-CAP, W. R. MEADOWS recommends the use of KOOL-ROD or a bond-breaker tape to isolate FIBRE EXPANSION JOINT from the joint sealant material. SOF-SEAL® or any hot-applied sealant, such as HI-SPEC®, can be used to protect the joint. In this case, the use of SNAP-CAP, KOOL-ROD, or a bond-breaker tape is not necessary. Simply apply the sealant directly over FIBRE EXPANSION JOINT.

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management

For most recent data sheet, further LEED information, and SDS, 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.

PRODUCT DATA

NO. 773-A

MasterFormat:
07 92 13
32 13 73

W. R. MEADOWS® SEALTIGHT®

MARCH 2018
(Supersedes November 2015)

POURTHANE® SL

Self-Leveling Joint Sealant

DESCRIPTION

POURTHANE SL is an elastic, one-component, self-leveling, non-bubbling, premium-grade polyurethane sealant specifically developed to be used as a multi-purpose horizontal joint sealant. The product is a moisture cure sealant with excellent adhesive properties and resistance to aging and weathering.

USES

POURTHANE SL is used to seal horizontal joints in concrete, such as sidewalks, balconies, pavement, terraces, warehouses, factories, civil structures, plazas, and runways. POURTHANE SL may also be used as a pitch pan sealant.

FEATURES/BENEFITS

- One-component, no mixing.
- Self-leveling.
- Non-bubbling formula.
- Can be applied to green concrete.
- Movement capacity of +/-25%.
- Accelerated curing.
- Highly resistant to fuels, including jet fuel.
- Permanently elastic.
- High durability.
- Resists aging and weathering.
- Excellent adhesion.
- Convenient, easy-to-use packaging.
- Low VOC content.

PACKAGING

29 Oz. (300 mL) Cartridges (12/Carton)
5 Gal. (18.93 L) Pails
55 Gal. (208.20 L) Drums

AVAILABLE COLORS

Limestone, Gray, Desert Tan

COVERAGE

This chart shows the approximate number of lineal feet that can be sealed per gallon. One gallon is approximately four cartridges.

Joint Depth	Joint Width						
	1/4" (6.4 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	3/4" (19.1 mm)	7/8" (22.2 mm)	1" (25.4 mm)
1/4" (6.4 mm)	308	205	154	122			
3/8" (9.5 mm)				82	68	58	51
1/2" (12.7 mm)					51	44	38

When estimating, figure 5 cartridges/gal. (2 cartridges/1.5 L).
Cubic inches/gal. – 231 (1000 cm^3)
Cubic inches/cartridge – 21 (344.13 cm^3)

For triangular cross-section joints:
1/4" (6.35 mm) each side – 616 linear ft./gal. (49.6 m/L)
1/2" (12.7 mm) each side – 154 linear ft./gal. (12.4 m/L)
3/4" (19.1 mm) each side – 68 linear ft./gal. (5.5 m/L)

SHELF LIFE

When stored indoors and in original, unopened containers at temperatures between 41 - 77° F (5 – 25° C), shelf life is one year from date of manufacture, except for pails and drums, which have a shelf life of six months.

SPECIFICATIONS

- ASTM C 920-11, Type S, Grade P, Class 25, Use T_1, T_2, NT, M, O, G.
- Conforms to BS 5212 for determination of resistance to heat, aging, and fuel immersion.
- Can/CGSB 19.13-M87, Classification C-1-40-B-N and C-1-25-B-N, No. 81028
- Federal Specification TTS-00230C, Type 1, Class A
- Approval/Standards Conform to 1S0 11600 F 25 HM
- USDA compliant for use in areas that handle meat and poultry

CONTINUED ON REVERSE SIDE …

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TECHNICAL DATA

Appearance	Pasty
Viscosity @ 74° F (23° C)	Brookfield RVT / spindle 6 / 5 rpm : ca. 15,000 mPa.s
Density @ 73° F (23° C) and 50% RH	1.48 ± 0.02 g/cc
Application Temperature	40 - 100° F (4.4 – 37.8° C)
Skin Formation Time @ 74° F (23° C) and 50% RH	60/120 Min.
Shore A Hardness (ASTM D 2240) 21 Day	35 +/- 5
Temperature Resistance	-40 - 176° F (-40 - 80° C)
Resistance to Dilute Acids and Bases	Average
UV Resistance	Good
Water and Salt Spray Resistance	Excellent
Compatibility w/Paints	Water-Based: Yes Solvent-Based: Test beforehand
Modulus @ Break ASTM D412	>0.6 MPA
Elongation @ Break ASTM D412	>800%
VOC Content	47 g/L

APPLICATION

Surface Preparation … Clean all surfaces. Joint walls must be sound, clean, dry, frost-free, and free of all oil and grease. Curing compound residues and any other foreign matter must be thoroughly removed. Install bond breaker tape or KOOL-ROD™ from W. R. MEADOWS to prevent bond at base of joint. When applying to green concrete, wait 24 hours after forms have been removed. Concrete can be damp during application, but do not apply when standing water is in or near joints.

Priming … Priming is not usually necessary. Substrates only require priming if testing indicates a need or where sealant will be subjected to water immersion after cure. If priming is required, use P/G PRIMER from W. R. MEADOWS.

Application Method … Condition material to 65˚ - 75˚ F (18.3˚ - 23.9˚ C) before using. Sealant should be installed when joint is at mid-range of anticipated movement. Gun sealant into joint opening in one direction and allow sealant to flow and level out as necessary. Tool as required; minimum tooling is necessary. Joint dimensions should allow for ¼" (6.35 mm) minimum and ½" (12.7 mm) maximum thickness for sealant. Proper design is 2:1 width-to-depth ratio. Always use bond breaker tape or KOOL-ROD™ from W. R. MEADOWS for support on horizontal joints.

Cleanup … Application tools can be cleaned with toluene or xylene before curing. Afterwards, mechanical cleaning will be required.

PRECAUTIONS

Allow one-week cure at standard conditions when used in total water immersion applications. Maximum exposure level of chlorine is 5 ppm. Do not cure in presence of curing silicone sealants. Avoid contact with alcohol and other solvent cleaners during cure. Maximum depth of POURTHANE SL should be ½" (12.7 mm). Do not use caulks, sand, or incompressibles as a bottom in a joint. Do not install when rain is expected before the product develops a substantial skin. Storing at elevated temperatures will reduce shelf life.

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management
- EQc2: Low-Emitting Materials [For Healthcare and Schools (exterior-applied products) ONLY]

For most recent data sheet, further LEED information, and SDS, visit www.wrmeadows.com.

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