

Highway Sealants



Dow Building Solutions

DOW CORNING 888

Dow Corning 888 silicone joint sealant is a one-part silicone material that readily extrudes over a wide temperature range and cures to produce a durable, flexible, low-modulus silicone rubber joint seal for use in Portland Cement Concrete (PCC) applications. This product is especially effective for sealing transverse contraction and expansion joints, longitudinal, center line and shoulder joints on roadways or bridges.

Specifications:

Meets Missouri and Kansas DOT specifications.

Packaging:

This product is supplied in 10.3-fl oz (305 mL) plastic

DOW CORNING 890-SL

Dow Corning 890 self-levelling silicone joint sealant for asphalt is a one-part, cold-applied, easy to use, self-leveling silicone material that cures to an ultra-low modulus silicone rubber upon exposure to atmospheric moisture. The cured silicone rubber remains flexible over the entire temperature range expected in paving applications. Because of its ultra low modulus characteristics and good extension/compression recovery (+100/-50 percent of original joint width), 890-SL self-leveling silicone joint sealant for asphalt gives outstanding performance in highway, airport, and bridge joints in which extreme movement occurs.

Specifications:

Meets Missouri and Kansas DOT specifications

Wabo SiliconeSeal

Wabo SiliconeSeal is a dynamic two-part sealant designed for horizontal expansion joints on bridges, parking decks, and open air structures. The cold applied, self-leveling, low modulus sealant is ideally suited for the new construction or repair of existing expansions joints. When properly mixed, the sealant cures rapidly to form a well bonded elastomeric seal capable of accomodating movements +/- 50% of the joint opening. Wabo SiliconeSeal does not require the use of any primers.

Features/Benefits:

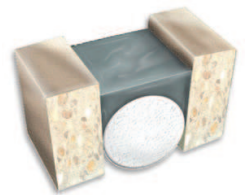
- Rapid Installation
- Versatility
- Unique Design

Recommendations:

- Horizontal applications on interstate highway to light duty parking garage and building expansion joints.
- Expansion joint applications with max. movement range of +/- 50% of the joint gap
- Structures where min. construction closure time is a factor
- New construction or repair and maintenance of existing joints

Packaging:

- Standard; 25.36 oz dual cartridges
- 20 oz. sausages
- 5 gallon pails



Highway Sealants



BONDAFLEX - 728 NS

Description:

Bondaflex Sil 728 NS is a non-sag, one-component, ultra-low modulus, elastomeric, neutral cure silicone sealant.

Features/Benefits:

- Unaffected by most atmospheric conditions
- Excellent adhesion
- Fast curing
- Resistant to jet fuel & road salts
- Flexibility for extreme high and low temperature conditions

Where to Use:

- Construction
- Highways
- Bridges
- Parking garages
- Plazas
- Stadiums
- Driveways
- Pitch pans
- Roofing Applications
- Decks
- Expansion Joints
- Saw cut Joints

Storage/Shelf Life:

When stored in the original, unopened containers at or below 90 (32 C), shelf life is one year. A product skin may form in pails and drums, remove prior to use.

Colors:

Charcoal Gray. Custom colors are available - ask your sales representative for details.

Technical Data Sheet

Color Chart

MSDS Data Sheet



BONDAFLEX - 728 SL

Description:

Bondaflex Sil 728 SL is a self-leveling, on-component, ultra-low modulus elastomeric, neutral cure silicone sealant.

Features/Benefits:

- Self-leveling
- Unaffected by most atmospheric conditions
- Resistant to jet fuel & road salts
- Excellent adhesion
- Fast curing
- Seals irregular surfaces
- No tooling, less labor

Where to Use:

- Construction
- Highways
- Bridges
- Parking garages
- Plazas
- Stadiums
- Driveways
- Pitch pans
- Roofing Applications
- Decks
- Expansion Joints
- Saw cut Joints

Storage/Shelf Life:

When stored in the original, unopened containers at or below 90 (32 C), shelf life is one year. A product skin may form in pails and drums, remove prior to use.

Colors:

Charcoal Gray. Custom colors are available - ask your sales representative for details.

Technical Data Sheet

Color Chart

MSDS Data Sheet



BONDAFLEX - PUR 40 FC

Description:

Bondaflex pur 40 FC is a one-component, fast-cure, high-performance, non-sag, multi-purpose elastomeric, polyurethane sealant and adhesive.

Features/Benefits:

- Excellent adhesion
- Fast tack free time
- Paintable & sandable
- Non-staining
- Tack-free surface
- High abrasion & tear strength

Where to Use:

- Lap seams
- Subfloor metals
- Sealing rivets/fasteners
- Bonding door gaskets
- Expansion joints
- Precast/tilt-up
- Windows, doors, & skylights

Colors:

Black, Gray, & White. Custom colors are available - ask your sales representative for details.

Storage/Shelf Life:

When stored in the original, unopened containers at or below 75 (24 C), shelf life is one year. A product skin may form in pails and drums, remove prior to use.

Technical Data Sheet

Color Chart

MSDS Data Sheet

St. Louis, Mo

314-423-6550

314-423-7548 (FAX)

Collinsville, IL

618-398-4377

618-397-7385 (FAX)



Springfield, MO

417-865-7184

417-865-7186 (FAX)

Columbia, MO

573-449-5204

573-449-7736 (FAX)

Highway Construction



GARDOX

Description:

GARDOX is a pourable, two-component, cold-applied compound for sealing joints in concrete. Chemically reactive polymers plasticized with coal tar cure to a durable, rubber-like joint seal which offers a firm, smooth, non-tracking surface retaining flexibility from -20 degrees F to over +200 F. Effectively seals the joint against water infiltration and rejects incompressibles.

Use:

GARDOX is recommended for sealing horizontal joints on highways, airport runways, bridges, plaza decks, and driveways. Interior uses include the sealing of joints on industrial floors, garage floors, airplane hangar floor joints, etc.

SEALTIGHT SAFE-SEAL 3405

Description:

SealTight SAFE-SEAL 3405 is a high performance, polymer modified asphalt emulsion horizontal joint and crack sealant. It is a one component, self-leveling material which can easily be poured into openings 1/8" up to 1" wide. After fully cured, the product will remain flexible at cold temperatures. SAFE-SEAL 3405 is the only asphaltic-based, one part, cold applied sealer to meet the demanding performance characteristics of ASTM D 3405.

Use:

Ideal for small, medium, or large scale sealing projects on parking lots, highways, street maintenance, driveways, airport aprons, and runways.

Packaging: 1 gallon unit
4 gallon unit

Specifications:

ASTM C 920, Type M, Grade P, Class 25, Use T
Federal Spec SS-S-200E, Type H & SS-S-195, Type H
FAA Spec Item P-605
Corps of Engineers CRD-C 526, Type H

Coverage:

A joint 1/2" wide by 1/2" deep requires approximately 1.4 gallons per lineal ft.

Limitation:

Not recommended for swimming pools or joints subjected to hydrostatic pressure.

Packaging: 1 gallon (3.79 liter) unit
5 gallon (18.93 liter) pail

Specifications:

ASTM D 3405
ASTM D 1190
AASHTO M 301
AASHTO M 173
Federal Spec. SS-S-1401C
Federal Spec. SS-S-164

Limitation:

KEEP FROM FREEZING. Storage temperature should not exceed 90 degrees. Do not apply when temperatures are expected to fall below 40 degrees F (4°C).

Kansas City, Mo
816-471-2570
816-221-9562 (FAX)

Distribution Center
816-231-4433
816-231-3516 (FAX)



Olathe
913-254-9521
913-254-9521 (FAX)

Wichita
316-942-6712
316-942-1414 (FAX)

Highway Sealants

DURAFILL

DURAFILL 1190

Flexible to 0° F

Dura-Fill 1190 is a hot-pour crack and joint sealing compound for portland cement and asphaltic pavement. It is an economical and effective preventative maintenance treatment that prolongs the service life of pavement. It is a single component, specially formulated mixture of asphaltic resins, synthetic polymeric rubber, plasticizers, stabilizers and a blend of organic and inorganic reinforcing fillers. When melted and properly applied, it forms a resilient and adhesive compound for both cement and asphaltic pavements. It will form a long lasting seal that resists tracking during summer and cracking in the winter.

Uses:

Dura-Fill 1190 is recommended for sealing of joints and cracks in portland cement and asphaltic pavements and parking lots. It is designed to seal expansion and contraction joints, longitudinal and transverse cracks, joints between concrete and asphaltic shoulders and random cracks.

DURAFILL 3405

Flexible to -20° F

Dura-Fill 3405 is a premium quality joint and crack sealing compound for portland cement and asphaltic pavements. It seals cracks and joints from water penetration which causes base failure and pot holes. This product is formulated for extremely cold climates.

Uses: See Dura-Fill 1190

DURAFILL 3405 L.M.

Flexible in extreme cold

Dura-Fill 3405 L.M. is a premium quality joint and crack sealing compound for portland cement and asphaltic pavements. It seals cracks and joints from water penetration. This is a maintenance item which prolongs pavement service life. It is formulated for extremely cold climates.

Uses: See Dura-Fill 1190

DURAFILL COVERAGES AND SPECIFICATIONS

COVERAGE (DURA-FILL 1190)			COVERAGE (DURA-FILL 3405)			COVERAGE (DURA-FILL 3405 LM)		
Width	Depth	Lb/100 lineal ft	Width	Depth	Lb/100 lineal ft	Width	Depth	Lb/100 lineal ft
3/8"	3/8"	6.9	3/8"	3/8"	6.9	3/8"	3/8"	6.9
3/8"	1/2"	9.3	3/8"	1/2"	9.3	3/8"	1/2"	9.3
1/2"	1/2"	12.3	1/2"	1/2"	12.3	1/2"	1/2"	12.3
1/2"	1"	24.7	1/2"	1"	24.7	1/2"	1"	24.7
3/4"	1/2"	18.5	3/4"	1/2"	18.5	3/4"	1/2"	18.5
3/4"	3/4"	27.8	3/4"	3/4"	27.8	3/4"	3/4"	27.8
DURA-FILL 1190 SPECIFICATIONS			DURA-FILL 3405 SPECIFICATIONS			DURA-FILL 3405 LM SPECIFICATIONS		
ASTM-D1190 AASHTO-M173 Fed. Spec. SS-S-164			ASTM-D3405 AASHTO-M301 EXCEEDS: ASTM-D1190 AASHTO-M173 Fed. Spec. SS-S-1401 MO DOT APPROVED			ASTM-D3405 AASHTO-M301 EXCEEDS: ASTM-D1190 AASHTO-M173 Fed. Spec. SS-S-164 KS DOT APPROVED		

W. R. MEADOWS®

SEALTIGHT®

3405

Description:

3405 is a quality, hot-applied, single-component polymeric compound. 3405 was specifically formulated for the cost-effective sealing of cracks and joints in Portland cement and asphalt concrete highways. It offers excellent bonding properties, high resiliency and resistance to degradation from weathering. It is ideal for large, medium, and small-scale sealing projects.

Packaging: 55 pound (24.95 kg) cartons
2 - 27.5 pound (12.47 kg) blocks

Specifications:

ASTM D 6690, Type I, II, & III
AASHTO M 301
AASHTO M 173
Corps of Engineers, CRD C 530
Federal Specification SS-S-1401C
Federal Specification SS-S-164

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