



Technical Data Sheet

Blacktop & Roof Repair – Solvent Based – Product No. 0636

Description

A specially formulated, heavy bodied Blacktop & Roof cement/sealant, suitable for application on wet or dry surfaces.

Key Features

- Black Color – Textured Appearance
- Excellent Adhesion
- Remains Flexible
- Water Resistant Seal
- Resists Cracking
- Suitable for Below Grade Applications
- Spec-Compliant (see listing below)

Uses

Provides a durable, flexible & weather-resistant seal for cracks & joints in asphalt driveways; also ideal for waterproofing, repairing & sealing roofs, shingles & flashings around chimneys & skylights. Product may also be used with fiberglass & other types of reinforcing fabrics to provide longer lasting repairs.

Surface Preparation

Surface must be clean & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. May be applied to wet or dry surfaces. For metal surfaces, all rust & scale should be removed.

Directions

1. Clip off tip of spout @ a 45 degree angle to desired size. Puncture inner seal @ base of nozzle. Use only in a well-ventilated area.
2. Fill deep voids w/ backer rod to ½ inch of surface.
3. Load cartridge into caulking gun & apply using steady, even pressure, to completely bridge joints. Sealant should overlap repaired surface by ¼ inch.
4. Smooth caulk with a trowel.
5. Clean up excess with mineral spirits or paint thinner before surface skins over (See directions/cautions on solvent container).

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	9.60 +/- 0.50
Specific Gravity	Calculated	1.15 to 1.25
Total Non Volatile % Solids (Weight)	Computrac Analyzer	83% +/- 3
Consistency/Appearance	Visual Observation	Heavy Bodied Textured Paste
Odor	Subjective	Solvent
Base Polymer	Known	Petroleum Asphalt Blend
Filler	Known	Calcium Carbonate
Flash Point	Closed Cup	100F (38C)
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	1 Year Unopened @ 72F
Slump	ASTM D2202 Jig	< 0.50 @ 122F (50C)
Artificial Weathering	ASTM – QUV Tester	No Crack @ 5,000 hrs QUV
Flexibility	ASTM 734	Pass 1 in Mandrel @ 32F
Tack Free Time	ASTM D2377	Approximately 4 hrs
Full Cure	Test Lab	7 days (Normal Conditions)
Storage Conditions	Test Lab	40F to 90F
Application Temperature	Test Lab	40 to 100F (5C to 38C)
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-25F to 220F (-32C to 104C)
Water Resistance	Test Lab	Excellent @ full cure
Coverage	Test Lab	30 linear feet
Extrusion Viscosity	Semco Gun (50 psi)	120 seconds +/- 30
Shrinkage	QUV Tester & OE Test Fence	<40%

Clean Up

Mineral Spirits or Kerosene before cure (See solvent label for directions & cautions)

For Best Results

- Apply only with excellent ventilation (See MSDS)
- Store cartridge @ room temperature (72F to 77F) prior to use if application temperature is below 40F
- Do not store or use around heat, open flame, etc.
- Do not use for filling butt joints, correcting surface defects or for tuck pointing.
- Avoid eye contact, prolonged or repeated skin contact or excessive inhalation of vapors (See MSDS for more information)
- Prime bare surfaces before caulking.

Color

Black - Textured

Packaging

10.1 oz Spiral Paper Cartridge w/ Ring Seal Plunger

Limitations

- Not for use in areas of complete submersion
- Not FDA or USDA approved
- Not recommended for pool or hot tub applications
- Not recommended for adhering mirrors.
- For larger repairs consider using a patching product
- Do not apply over ice or snow
- Do not use on coal tar roofs, 100% Polymeric Roofs or on Foam
- Combustible

Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>No</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>Yes (see MSDS)</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Non-bulk pkg exempt: DOT HM-181</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>Combustible</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>UN 1133</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>PG III</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>< 20% by weight</i>

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. OSHA LABELING: CAUTION! COMBUSTIBLE!
WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. (See MSDS for additional information).

PERFORMANCE SPECIFICATIONS

Meets or exceeds requirements of: ASTM D4586 Type II, ASTM D3409 (Adhesion to asphalt roof cements on wet surfaces), Department of Defense SS-C-153C

LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION