

Rock-It® Adhesive

Cold Applied, Aggregate Surfacing Adhesive for use in the Highly Reflective Rock-It Roof Surfacing System

Composition: Rock-It® Adhesive is a white, highly reflective, asbestos-free, polymeric low volatile surfacing adhesive.

Basic Uses: Rock-It Adhesive is a cold process aggregate surfacing adhesive for the BURmastic Roofing Systems. Rock-It Adhesive can also be used to adhere aggregate to new hot applied built-up and hot or cold applied or modified bitumen roof systems. Rock-It Adhesive is also used to adhere new aggregate in the restoration of existing multi-ply asphalt roof systems.

Rock-It Adhesive is recommended for use as the stripping adhesive for TPA Elastomeric Flashing membranes, for the flashing membrane edge to BUR or MB roof membranes which is then covered with the specified surfacing.

Rock-It Adhesive meets the VOC requirements for adhesives in the Los Angeles SCAQMD.

Refer to UL Roofing Materials and Systems Directory and/or FM Approvals RoofNav for applicable system configurations.

Limitations:

- Not intended to perform under ponding conditions. Positive drainage required.
- Not for application over hot applied bituminous glaze coats.
- Not to be used as an insulation adhesive.
- Not for use as an interply adhesive.
- Not to be exposed to solvents, oils, or other contaminants harmful to roof coatings.
- Not intended for use as a smooth roof coating.
- Do not install on roofs with slopes greater than 2:12 (2" per foot).
- Not for use over coal tar roof systems.

Product Advantages	
Features	Benefits
Highly reflective	<ul style="list-style-type: none"> • Keeps roof surface temperature down • Reduces air conditioning loads • Slows roof aging process
Aggregate surfacing	<ul style="list-style-type: none"> • Long life with excellent protection • Superior fire resistance • Protection from hail and falling objects • Resists traffic damage
Cold-applied	<ul style="list-style-type: none"> • Adhesion not temperature dependent

Color: White

Grade: Spray/squeegee

Equipment:

Spray: 4000 psi output pressure using an airless spray rig.

Spray tip: 0.052" to 0.072" (1.3-1.8 mm) reversible.

Mixing: For barrels, use a low speed, long paddle blade mixer such as the 600 Series Drum Mixer from Hennes-Johnson or Garlock. For 5 gallon pails, use a Jiffy Mixer attached to a low speed, heavy duty power drill. Propeller type mixers do not mix and turn the material effectively and are not recommended.

Air Compressor:

Capacity - 175 to 250 CFM (0.08-0.12 L/s)

Working pressure - 80 to 90 psi (550-620 kPa)

Squeegee: Triangular notched to provide 80 mil thick uniform application.

Clean-Up: Toluene or Xylene.

Packaging: Available in 5 gallon (19L), 55 gallon (208L), or 53 gallon (200L) plastic lined containers.

Storage Life: One year in unopened containers at warehouse temperatures between 45°F (7°C) and 110°F (43°C).

Surface Preparation: All fresh applications of mastic and cold process roof systems require a minimum 30 day cure period prior to application of Rock-It Adhesive.

All fresh application of hot applied roof systems require a minimum of one day cure period prior to application of Rock-It Adhesive.

For new roof systems, the Rock-It Roof Surfacing System is intended to be applied direct to the asphalt ply sheets. Do not apply hot glaze coats and do not spread excess cold process ply adhesive over ply surfaces intended for the Rock-It system.

Remove all dirt, dust, and other loose debris from the roof. Area to be surfaced must be clean, sound, and dry.

SURFACING OPTIONS

Rock-It Adhesive must be mechanically mixed prior to application. Apply Rock-It Adhesive over smooth roof surfaces at 5 gal/100 ft² (2.0 L/m²). Immediately broadcast 200 lb/100 ft² (24.4 kg/m²) of new, clean, white aggregate into adhesive.

The specified aggregate must be applied direct from the packaging as supplied from Tremco and

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distributed at the recommended coverage. This direct application ensures the proper aggregate size ratio is consistently broadcast across the surface.

Recommended Gravel Sources:

–Tremco/A-1 Grit Snow White Marble Roofing Aggregate
 –Tremco #1 White Marble Roofing Aggregate.
 Please check with your local Tremco Roofing Representative to find out which aggregate is available in your area.

Precautions: Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

Availability and Cost: Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 216/292-5000.

Maintenance: Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

Guarantee/Warranty: Tremco Inc. warrants Rock-It Adhesive to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any Rock-It Adhesive product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYER'S SOLE AND EXCLUSIVE REMEDY. All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Technical Services: Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

Statement of Policy and Responsibility: Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

Physical Performance Characteristics		
Rock-It® Adhesive		
Property	Typical Value	Test Method
Asbestos content	None	EPA 600/R-93/116
Viscosity @ 77°F (25°C)	8,000-14,000 cP	ASTM D 2196-86 (1991)
Density @ 77°F (25°C)	6.8 lbs/gal	ASTM D 6511-00
Nonvolatile content	70%	ASTM D 6511-00
Flash point	120°F (49°C)	ASTM D 93-97
VOC	<250 g/L	ASTM D 6511-00
Thermal emittance (adhesive & aggregate)	0.90	ASTM C 1371-98



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