

# Rock-It<sup>®</sup> Adhesive

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

## FEATURES

Highly reflective

Aggregate surfacing

Cold-applied

## BENEFITS

- Keeps roof surface temperature down
- Reduces air conditioning loads
- Slows roof aging process
- Long life with excellent protection
- Superior fire resistance
- Protection from hail and falling objects
- Resists traffic damage
- Adhesion not temperature dependent

## DESCRIPTION

Rock-It<sup>®</sup> 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.

## PACKAGING

Available in 5 gallon (19L), 52 gallon (197L), or 52 gallon (197L) plastic lined containers.

## COLOR

White

## GRADE

Spray/squeegee

## EQUIPMENT

**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.

## STORAGE LIFE

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

## CLEAN-UP

Toluene or Xylene.

## APPLICATION

**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.

# Rock-It® Adhesive

## APPLICATION CONTINUED

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 ft<sup>2</sup> (2.0 L/m<sup>2</sup>). Immediately broadcast 200 lb/100 ft<sup>2</sup> (24.4 kg/m<sup>2</sup>) of new, clean, white aggregate into adhesive.

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

## 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.

## PHYSICAL PROPERTIES

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

## MAINTENANCE

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

## PRECAUTIONS

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

## TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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