



INSTRUCTIONS / USE

Last updated July 2017

REFLECT ELASTOMERIC ROOF COATING

Description

Nanotech Reflect Elastomeric Roof Coating is a 100% Acrylic water-based coating for use on BUR, Urethane foam, composition and metal roofs, that reduces interior temperatures by 20%+, and protects buildings and roofs from the harmful effects of UV light and moisture by providing a highly reflective sealed coating. Reflect is formulated to be very low in toxicity.

Advantages

- Easy spray or roller application
- Very low VOC - less than 0.34 lbs/gal (41 g/l)
- Water based, low toxicity
- No fire hazard - no flash point
- Clean up with soap and water
- Fast dry time
- Simple air dry

Characteristics

Color:	Highly Reflective White
Gloss:	N/A
Weight Solids:	65%
Volume Solids	50%
Viscosity	8000-12000 CPS
Weight per Gallon:	12 lbs
Coverage	50-100 sq ft / gal

Coverage will vary depending on the porosity and texture of the surface.

Surface Preparation

Surface must be clean, dry, and in sound condition. Any roof repairs should be done prior to the application of the coating. The surface should be pressure washed. If the surface has exposed bitumen, a primer is required to prevent bleed-thru.

Air and surface temperatures should be between 45°F and 105°F RH 90% or less.



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Application Instructions

Test Area

Apply as supplied - **DO NOT DILUTE**.
Apply with a conventional airless sprayer or roller.
Recommended film thickness - 15 mils wet. Dry (2 coats): 20-30 mils.
Minimum 20 mils dry.

Dry Time

Drying Time (@ 77° F, 50% RH):
Temperature and humidity dependent.
Touch: 30 minutes
To Recoat: 60 minutes
To Pack: N/A

Clean Up

Do not allow material to dry in sprayers. Immediately after use wash equipment with soap and water. If the material has dried, a commercial paint remover will soften the coating, followed by a soap and water wash, and flush with clean water.

Safety Precautions

- When mist occurs during spraying operations, wear a MSHA/NIOSH approved (or equivalent) disposable half-mast dust/mist respirator.
- Use with adequate ventilation.
- Avoid contact with eyes and skin. Wear butyl-rubber gloves and other skin protection to avoid skin contact. In the event of contact with skin, wash skin thoroughly with soap and water.
- Eye protection is required. Do not wear contacts without eye protection. Immediately flush eyes with water for 15 minutes after contact and get medical attention.
- If accidentally swallowed, rinse mouth thoroughly. Obtain immediate medical attention.
- Wash after use.
- Keep container closed when not in use.

Spill & Waste

Keep bystanders away. Floor may be slippery; use care to avoid falling. Contain spills immediately with inert materials (IE sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Storage & Shelf Life

Avoid excessive temperatures. Use within 2 years of date on container.

LIMITED TIME WARRANTY

NanoTech Coatings guarantees this coating to be defect free and any material that is proven to be defective will be replaced in a like quantity by the manufacturer within 10 years of date of purchase. Seller must be provided with:

- Proof of purchase receipt.
- Evidence that it has been applied according to the instructions on this container, the data sheet, and instructions and guidelines posted at nanotechcoatings.com.

This warranty is non-transferable. This warranty does not cover wear and tear of the substrate, only the product itself. Any warranty claim must be made in writing and sent to Seller with proof of purchase receipt, supporting materials and access to the property for inspection and testing as requested by Seller.

Seller will thereafter provide 100% replacement product for product found to be defective for 10 years from date of purchase.

This warranty is given in lieu of all other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose.

The remedy stated herein is an exclusive remedy and Seller shall not be responsible for any other damages, including labor or any incidental, consequential, special or punitive damages, whether based on breach of express or implied warranty, negligence, strict liability or other legal theory.

