

TECHNICAL DATA SHEET THINTECH REFLECT AND COOL ROOF COATING

DESCRIPTION

ThinTech Reflect and Cool Roof Coating is a 100% Acrylic water-based coating for use on flat roofs, urethane foam, composition and metal roofs, which reduces indoor temperatures by 20% and protects buildings and roofs from harmful effects from UV light and moisture providing a highly reflective sealed coating. Reflect is formulated to be very low in toxicity.

ADVANTAGES

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

CHARACTERISTICS

Color:	Highly reflective white
Glow:	N.A.
Solid weight:	65%
Volume solids	50%
Goo	8000-12000 CPS
Weight per gallon	12lbs
Coverage	50-100 ft2/gal



SURFACE PREPARATION

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

DRYING TIME

Drying time (@77 F, 50% RH):
Dependent on temperature and humidity
Touch: 30 minutes
To reapply: 60 minutes
To pack: NA

APPLICATION INSTRUCTIONS

Test area

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

CLEANING

Do not allow material to dry in sprays. 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 wash with soap and water and rinse with clean water.

SAFETY PRECAUTIONS

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

SPILL AND WASTE

Keep bystanders away. The floor may be slippery; be careful to avoid falls
Contain spills immediately with inert materials (such as sand, earth). Transfer liquids and solid dam material to separate containers for recovery or disposal.

CAUTION: Keep spills and cleanup runoff away from municipal sewers and open bodies of water.

STORAGE AND SHELF LIFE

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

LIMITED TIME WARRANTY

ThinTech Reflect and Cool Roof Coating warrants that this coating will be free from defects and any material found to be defective will be replaced in alike quantity by the manufacturer within 10years from the date of purchase.

The seller must have:

- Proof of purchase receipt.
- Evidence that it has been applied in accordance with the instructions on this container, the data sheet, and the instructions and guidelines posted on thintechcoatings.com. This warranty is not transferable. This warranty does not cover wear and tear on the substrate, only the product itself. Any warranty claim must be made in writing and submitted to Seller with proof of purchase receipt, supporting materials and access to the property for inspection and testing as requested by Seller.

Thereafter, the seller will provide a 100% replacement product for the product found to be defective after 10 years from the date of purchase.

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

The remedy set forth herein is an exclusive remedy and Seller shall not be liable 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.

