

ROOF X TENDER® 983 ULTRA BASE ROOF PRIMER

DESCRIPTION:

Roof X Tender® 983 Ultra Base is a waterborne epoxy formulated for use with Roof X Tender silicone coating. This product is used as a primer/base coat prior to application of Roof X Tender 985 Super Silicone. Application of 983 Ultra Base helps to prevent bleed-through over asphalt substrates. Additionally, Ultra Base has been designed to use with Polyester Reinforcement. The addition of polyester reinforcement creates a fully adhered and seamless system that is stronger, more versatile and 100% waterproof.

PREPARATION:

Surfaces must be clean, dry, and sound; contaminants such as dirt, dust, grease, wax, oils, soap film, mold & mildew, bond breakers, curing compounds, and loose, peeling paint must be removed before priming. Surfaces with mildew growth or stains must be cleaned with a bleach solution (two parts water to one part bleach) prior to applying this product. Rinse thoroughly. Pressure washing entire surface is recommended for best results (use only a wide fan tip - do not allow stream to tear into roof surface). Prior to application of 983 Ultra Base, repair all cracks, splits or damaged areas using a 3 or 5 course application of 983 Ultra Base and Polyester Reinforcement. Roof X Tender Fleece Repair tape may be substituted for repairs as appropriate. Allow repairs to cure 24-72 hours (depending on weather and drying conditions) before application of silicone coating. Asphalt surfaces require a minimum of 8 dry mills of continuous film for bleedthrough resistance. Asphalt: The age and condition of asphalt will affect bleedthrough with newly applied and uncleaned asphalt surfaces increasing bleed. Do not heat or thin. Single Ply: Do not apply to Single Ply Roof Surfaces. Single Ply roofs must be primed using an approved single ply adhesive primer. Metal: Rusty metal must be cleaned with a wire brush and primed/sealed with an approved metal primer. Application of silicone prior to full cure of 983 may result in blisters or peeling. **DO NOT APPLY WHEN RAIN OR DEW IS EXPECTED WITHIN 24 - 48 HOURS OF APPLICATION COMPLETION.**

APPLICATION:

For exterior use only. Protective clothing, gloves and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Application should be completed a minimum of four hours prior to sunset. Temperatures must be above 55 °F (for 24 hours) and rising, but not above 110 °F ambient. Apply with a 3/4" nap exterior paint roller, brush or professional airless sprayer. Allow to cure a minimum of four hours before applying additional coats of 983. Product fully cures in 24 hours when used as a base coat at 70 °F & 50% max relative humidity. When using polyester reinforcement, full cure is 48 - 72 hours at 70 °F & 50% max relative humidity. Important: Higher humidity, thicker films, poor air flow and lower temperatures will increase dry times.

FOR BEST RESULTS:

Always check weather forecast prior to preparation & application.

COVERAGE RATE:

Base Coat/Primer is 1 gallon per square and is 3 - 4 gallons per square when used with reinforcements.

SPRAY INFO:

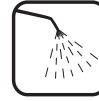
2000-3000 PSI, .030 - .041 Tip Size, 1-3 GPM.

STORAGE & HANDLING PRECAUTIONS:

Do not store at temperatures below 50 °F or above 110 °F. For maximum shelf life store between 60 °F and 80 °F. Keep container sealed when not in use. Always keep covered and protected from the elements. When transporting this product, ensure that lid is tight and pail secured. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding of water may prevail. Do not reuse empty container. Dispose of in an environmentally acceptable manner. Do not use in drinking water or food systems.

CLEAN-UP:

Clean tools with soap and water.



- HELPS REDUCE BLEED-THROUGH
- PREPARES SURFACE FOR SILICONE COATINGS
- PROMOTES ADHESION

| | |
|--|--|
| Weight Per Gallon | 10.95 lbs/gal |
| Solids by Weight | 57% |
| Tensile Strength | 275 psi |
| Elongation | 210% |
| Bleed Through | Excellent |
| Viscosity | 100 - 130 ku |
| Adhesion | Excellent |
| Consistency | Brush, Roller, or Spray |
| Skin Time (50% Relative Humidity, 70°F) | 2 hours |
| Full Cure (50% Relative Humidity, 70°F) | 24 - 72 hrs. (Depending on qty & specification) |
| Application Temperatures | 55 °F & Rising |
| Clean-up Tools | Warm Water & Soap |

NOTE: Percentages may vary +/- 10%

SHIPPING WEIGHTS:

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|-------------------|---------|
| 5 gallons (18.9L) | VOC/VOS |
| 53.5 lbs. | 63 g/L |

| | |
|-------------------|-----------------|
| WATER | CAS# 7732-18-5 |
| EPOXY POLYMER | CAS# 62256-00-2 |
| TITANIUM DIOXIDE | CAS# 13463-67-7 |
| CALCIUM CARBONATE | CAS# 1317-65-3 |
| PROPYLENE GLYCOL | CAS# 57-55-6 |

NOTE:

Excessive heat can cause flash drying of coating. Not recommended to apply to surfaces 120 °F or greater.