EVER-THANE® COLOR COAT 100

Aliphatic Polyurethane Topcoat

TECHNICAL DATA SHEET

Ever-Thane Color Coat 100 is an economical, aliphatic, single component, liquid applied, moisture cured, polyurethane topcoat. Everroof® manufactures products in different VOC's ranging from 100 to 250 gms/liter to comply with VOC requirement in various regions. Make sure to use the correct grade of product which complies with VOC regulations/ requirements applicable as per federal, state, statutory, counties, cities and local bodies at the place of installation.

FEATURES & BENEFITS

- Durable
- Excellent Weatherability
- Seamless Weatherproofing Membrane
- UV Resistant for Gloss Retention
- Limited Chemical Resistance

TYPICAL USES

Colored topcoat for Everroof systems on Modified Bitumen / BUR, Single-Ply, Metal and Concrete Roofs.

COLORS

Tan, Dolphin Grey, Red and Tint-White. Tint-White with color packs are available in Stone Grey, Dolphin Grey, Battleship Grey, Tan, Indian Sand and Ash Brown.

Custom colors are also available. Minimum order of 250 gallons (945 liters). See color chart for special provisions.

When color packs are used the topcoat must be boxed for uniform color coverage. For pre-tinted standard color other than stock color, a minimum of 150 gallons (567 liters) is required

COVERAGE

The approximate coverage is 1 gallon/100 sqft (0.41 l/ sqm). Coverage rate will depend on surface roughness and porosity.

MIXING

Before application, mix Ever-Thane Color Coat 100 using a mechanical mixer at slow speed until a homogeneous mixture and color is attained. Boxing of the material is recommended. Use caution not to whip air into the material as this may result in pinhole blisters and/or shortened pot life. Do not mix in an up and down motion.

APPLICATION

Apply Ever-Thane Color Coat 100 evenly over the entire surface. For best results, use a squeegee. Airless sprayer or phenolic resin core roller may be used but extra care should be taken not to cause air bubbles.

Ever-Thane Color Coat 100 typically requires more than one coat depending on the job specifications and dry film requirements. When estimating material requirements, coverage rates tend to increase for subsequent coats of material. To achieve proper adhesion between coats it is imperative that recoating be done within 48 hours.

TECHNICAL DATA	
Packaging 1 5	1 gal (3.79 L) Can 5 gal (18.93 L) Pail
Coverage Rate	1 gal/100 sqft 0.41 L/M²
Dry Film Thickness Per Coat	13 ± 2 mils 330 ± 50µ
Hardness, ASTM D-2240	90 ± 5 Shore A
Tear Resistance, Die C ASTM D-624	400 ± 50 pli 70.1 ± 8.8 kN/m
Tensile Strength, ASTM D-412	3000 ± 300 psi 20.7 ± 2.1 MPa
Ultimate Elongation ASTM D-412	200 ± 50%
Specific Gravity	1.20 ± 0.1
Total Solids by Weight, ASTM D-2369	85 ± 2%
Total Solids by Volume ASTM D-2697	83 ± 2%
Viscosity at 75ºF (24ºC)	3500 ± 200 cps
Volatile Organic Compounds ASTM D-21369-81	0.82 lb/gal 99 gm/liters
Solar Reflective Index	90

When Ever-Thane Color Coat 100 Clear is used as a seal coat only, the surface must be clean and dry.

Caution: may require multiple coats to achieve required dry film thickness. Requires a continuous coating application to minimize lines and/or streaking.

CURING

At 75°F (24°C) and 50% relative humidity, allow each coat to cure 16 hours between each coat. Cure time will vary depending on temperature and humidity.

Allow 24 hours before permitting light pedestrian traffic on to the finished surface. If more than 48 hours passes between coats, re-prime the surface with Everroof Primer U11 before proceeding.

Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice.

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Uncured Ever-Thane Color Coat 100 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Low temperatures and/or low humidity will extend the cure time. Use caution in batch sizes and thickness of application.

If accelerated curing is required, add one quart (0.95 liter) of Ever-Thane Accelerator in a 5 gallon pail (18.9 liters) of Ever-Thane Color Coat 100 and mix thoroughly. This accelerated Ever-Thane Color Coat 100 will cure in 6-8 hours at 75°F (24°C) and 50% relative humidity. The re-coat time with accelerator is reduced to 24 hours. If the re-coat window has passed, then solvent wipe the surface with VOC compliant solvent and re-prime surface with Everroof Primer U11 before proceeding to the next coat.

CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE

Ever-Thane Color Coat 100 has a shelf life of 1 year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

LIMITATIONS

Surfaces must be dry, clean and free of foreign matter. Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications. Surface may be slippery when wet. Containers that have been opened must be used as soon as possible. Do not dilute under any circumstance.

SAFETY

Review the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Warning

This product contains Isocyanates and Solvent.

Ever-Thane Color Coat 100 is considered Dangerous Goods. DOT regulations classify it as: UN 1263, PAINT, Class 3, PG III, Flammable Liquid.