

Physical Property	Typical Value	Test Method
Appearance	Blue tint	–
Application Temperature (Ambient)	45°F (7°C) and rising with no inclement weather in forecast	–
Coverage Rate (per Gallon)	200–300 sq. ft./gallon	–
Solids by Weight	2.5% +/- 0.5%	ASTM D2369
Solids by Volume	1%	ASTM D5201
VOC	< 50 g/L	EPA Method 24
Viscosity	100 cP @ 100°F (38°C)	ASTM D2270
Cure Time @ 75°F (24°C)	Dry to touch in 15 minutes	–

DESCRIPTION

EnduraRoof TPO Roofing Primer is a low-VOC, solvent-based primer designed to promote optimal adhesion of acrylics, silicones, and other EnduraRoof coatings to new or existing TPO single-ply membranes. The application is simple, cost effective, and efficient. Primer is tinted blue to help distinguish primed areas on white TPO membranes.

APPLICATION

Before handling, read the Safety Data Sheet for protective equipment and additional safety, health and environmental information. Poisonous if ingested.

Clean: Using a minimum 2,000 psi pressure washer, wash the roof with a non-filming detergent, such as TSP or TSP substitute. In areas with stubborn dirt, grease or other contaminants, use a stiff bristle brush or broom to scrub the areas clean with additional water and non-filming detergent. Treat mildew or mold. Remove rust and scale from metal by wire brushing. Surface must be clean and free of all dust, rust, residues and all foreign matter. Rinse the roof well to ensure it is free of all detergent or any contaminants that may cause loss of adhesion. Prior to application, all surfaces must be clean, dry and sound.

Coat: No thinning or reducing is necessary. Mix material in container to reach homogeneous consistency before use. Product may be sprayed, brushed, or rolled. Airless spray pimp should be capable of a minimum of 1,500 psi and output of 1 gallon (3.7 liters) per minute. Application rate is typically applied at 1 gallon per 200–300 square feet (3.7 liters per 18.6–27.8 square meters). Application rate may vary depending on a variety of factors, including but not limited to substrate roughness and preparation. Primer should not be applied at rates over 1 gallon per 100 square feet (3.7 liters per 9.3 square meters) in one coat. Ensure primer is completely cured prior to subsequent applications of coating or SPF roofing systems.

Do not apply **EnduraRoof TPO Roofing Primer** at temperatures below 45°F (7°C), or if weather conditions will not allow proper drying and/or coating of substrates before rain, dew, or freezing temperatures occur.

EnduraRoof TPO Roofing Primer

This product is not recommended for interior use. Building occupants should be warned of spray operations in process. Installers should exercise caution during spray processes to avoid falls caused by stepping into slippery wet coating. Installers should read and understand all technical and informational literature on this product, prior to use of the product.

CLEAN-UP

Clean hands thoroughly after use. Equipment should be flushed with solvents (Xylene, Toluene) after use.

SHELF LIFE

The shelf life of this product in unopened containers when stored between 50°F and 100°F (10°C and 38°C) is 12 months from the date of manufacture. This product will freeze in temperatures below 32°F (0°C) and will be unusable.

HANDLING & STORAGE

Keep closure tight and container upright to prevent leakage. Ground and bond containers when transferring material. Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing of vapor or spray mists. Do not handle until all safety precautions have been read and understood. Empty containers should not be re-used. Use with adequate ventilation. Because empty containers may retain product residue and flammable vapors, keep away from heat, sparks, and flame; do not cut, puncture, or weld on or near the empty container. Do not smoke where this product is used or stored.

Highly flammable. Do not store or use near heat, sparks, or open flame. Refer to OSHA 29CFR Part 1910.106 “Flammable and Combustible Liquids” for specific storage requirements. Store only in well-ventilated areas. Do not puncture, drag, or slide container. Keep container closed when not in use.

Do not allow to freeze. Avoid extreme temperature variations.

Always wear appropriate safety equipment such as gloves, respirator, and safety glasses.

PACKAGING

5 gallon