

Mer-Thane 320U Primer

Aromatic Urethane Primer

PRODUCT DESCRIPTION

Mer-Thane 320U Primer is a two-component, high solids, liquid applied primer with exceptional penetrating characteristics. Ideally suited for properly prepared concrete and plywood substrates.

CHARACTERISTICS

- High solids
- Quick re-coat time
- Excellent adhesion
- Low odor
- Low viscosity

CAUTIONS & LIMITATIONS

- The substrate surface must be structurally sound, clean, dry and free of dirt, dust, oil, grease, paint or other contaminants at the time of material application.
- Do not install during inclement weather, when precipitation is occurring or expected within 24 hours.
- Must be coated within 10 hours after becoming tack-free.
- Not UV stable.
- Must not be diluted for use.
- New concrete must be cured for 28 days
- Do no mix more material than can be used within 20 minutes.
- Open containers must be used as soon as possible.
- Primers cannot be used between coats of clear topcoat. The primer will discolor.
- Bonds securely upon cure; therefore, difficult to clean-up after full cure.
- Contains isocyanate.

COLOR

320U Primer is part A is black and part B is white, when products are mixed the color is grey.

PACKAGING

320U Primer is available in 10 gallon kits comprised of one 5-gallon (18.9 L) pail of part A and one 5-gallon (18.9 L) pail of part B.

MIXING

Mer-Thane 320U Primer components should be thoroughly mixed individually prior to combining. Use a mechanical mixer at slow speeds to combine parts A and B until a homogeneous mixture and color is obtained. Use care when mixing to avoid air bubbles. Entrained air can result in pinholes, blisters and or shortened pot life. Mer-Thane 320U Primer must always be mixed using a ratio of one part A and one part B (1:1).

APPLICATION

Apply Mer-Thane 320U Primer to vertical perimeter flashing using a brush and all horizontal deck areas using a solvent resistant phenolic core roller. When using a phenolic core roller, use extra care not to entrap air into the mixture. Apply evenly over the entire deck surface at a rate of one gallon per 300 ft² (3.79 L per 27.9 m²). Apply with continuous coverage to minimize lines and/or streaking.

TECHNICAL DATA

Coverage Rate	300 ft ² /gallon (Yield 5 mils)
Pot Life	20-30 minutes at 75°F (24°C) RH 50%
DFT per Coat	5 mils (ASTM C109)
Specific Gravity	Part A: 1.12 Part B: 0.99
Total Solids by Weight	95% (ASTM D2369)
Total Solids by Volume	96% (ASTM D2697)
Viscosity	550-650 cps (Blended Parts A & B) at 75°F (24°C)
VOC	0.465 lbs/gallon (56 g/L) (ASTM D2369-81)

Allow Mer-Thane 320U Primer to cure for 1 hour at 70°F (21°C) RH 50% before applying the coating. Coatings must be applied within 4 hours of cure when relative humidity is above 50% and within 6 hours when below 50% or the surface must be re-primed.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F above the dewpoint. Mer-Thane 320U Primer is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity extend the cure time.

FIRST AID

EYE CONTACT

Flush eye with water for at least 15 minutes. Get medical attention promptly.

INHALATION

Take person to fresh air. If breathing is difficult, administer oxygen. Get medical attention immediately.

SKIN CONTACT

Wipe off contacted area and wash thoroughly with soap and water. If redness, itching, or a burning sensation develops, seek medical attention immediately.

INGESTION

Do not induce vomiting. Consult physician immediately.

FIRE

Wear self-contained breathing apparatus with full face piece and protective clothing. Use foam, carbon dioxide, dry chemical and/or halogenated agents.

SPILL OR LEAK

Wear skin, eye, and respiratory protection during cleanup. Soak up material with absorbent and shovel into a chemical waste container. Cover container, and remove from work area.

STORAGE & HANDLING

Store all Mer-Thane materials in a dry environment at temperatures between 65 to 70°F (18 to 21°C). All materials should be stored in compliance with local fire and safety requirements. Do not store at high temperatures or in direct sunlight. Do not allow uncured materials to freeze. Store materials in tightly closed original containers, off the ground, on plywood or non-asphaltic insulation board. Avoid moisture contamination. Always wear proper safety equipment, including an approved respirator, eye protection and gloves when mixing and/or applying these products. Do not breathe vapors. Do not keep opened containers in confined spaces. Consult published OSHA (Occupational Safety and Health Administration) regulations for additional information and compliance information.

SHELF LIFE

The shelf life is one (1) year from the date of manufacture in the original, unopened container when the material is properly stored.

WARRANTY

Limited manufacturer's defect warranty. Contact Mer-Ko Technical Service Department for specific warranty information or www.parexmer-ko.com

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