

Mer-Ko Bonding Primer

Product Data Sheet

PRODUCT DESCRIPTION

Mer-Ko Bonding Primer is a 100% acrylic water-based bonding agent used to promote adhesion of Mer-Ko's decorative coating materials. Mer-Ko Bonding Primer allows for the direct bond application of Patterned Stone, Tumbled Marble and Kona-Crete over existing concrete substrates.

CHARACTERISTICS

- Excellent adhesion
- Can be installed over new and existing surfaces
- Easy to apply
- Low VOC
- Long-term durability and performance

CAUTIONS & LIMITATIONS

- The Mer-Ko Bonding Primer material must not be installed if the surface or ambient temperature is below 40°F (4°C) or above 120°F (48.8°C).
- Do not install during inclement weather, when precipitation is occurring or expected within 24 hours.
- 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 dilute.
- Not to be used in areas where moisture is continually present.
- Concrete substrates must be properly prepared. Non-porous substrates must be scarified.
- Sufficient pitch of the concrete slab/deck surface is required to ensure run-off and prevent pooling.
- Concrete substrates must have a minimum compressive strength of 3,000 psi tested by "point loading" technique.
- Concrete should not contain fly ash. Fly ash will migrate to the surface and interfere with the chemical and mechanical bonding of the material.
- Protect all finished surfaces that are not intended to receive the deck coating system materials.
- Will not bridge seismic cracks or wide construction joints.
- Reflective cracking can occur with substrate movement.

COLOR

Milky white in liquid state. Dries clear.

PACKAGING

1 gal (3.8 liter) bottle & 5 gal (18.9 liter) pail

MIXING

Mer-Ko Bonding Primer comes ready-to-use. After opening the container, gently stir before using, it does not require thinning. Never shake the material.

APPLICATION

Sweep or blow the entire deck surface clean of any residual dust or debris. The surface must be structurally sound, clean, dry and free of dirt, dust, oil, grease, or other contaminants. Substrate and ambient temperature must be above 40°F (4°C) and below 120 °F (48.8 °C) during and for 24 hours following the application.

TECHNICAL DATA

Coverage rates are approximate only and can vary greatly due to surface conditions, humidity, temperature and installation techniques.

Coverage	300-400 ft ² (28-37 m ²)/gal
Weight per Gallon	8.59 lbs/gal (ASTM C109)
Solids by Volume	68.71%
Solids by Weight	69.61%
VOC	12.6 g/L (ASTM D3960)
Viscosity	(at 77°F) 75 – 80 KU (ASTM D562)
Dry Time	1 hour at 70 ° F (21°C) 50% RH

Apply 1 coat of Mer-Ko Bonding Primer to the properly prepared substrate. Use a 3/8 to 3/4 inch nap paint roller or spray apply and back roll a continuous layer, ensuring complete coverage. Apply liberally on textured surfaces. Allow to dry a minimum 1 hour at 70°F (21°C) 50% RH, prior to commencing with installation of successive applications.

Application of coating materials must be performed within 72 hours. If application begins after 72 hours of initial priming, the surface must be re-primed.

FIRST AID

EYE CONTACT

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

INHALATION

Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Get immediate medical attention.

SKIN CONTACT

Wash affected area thoroughly with soap and water. Remove contaminated cloths and launder before reuse.

INGESTION

Do not induce vomiting. Get medical attention 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

Dike the spill using absorbent inert materials. Transfer to containers and allow to dry for disposal. Keep spilled products out of sewers, streams, and water systems.

STORAGE & HANDLING

Store Mer-Ko's Bonding Primer out of direct sunlight at temperatures between 40°F and 100°F (4°C and 38°C). Do not allow the bonding primer to freeze. Promptly clean tools and equipment with water and mild detergent. Dried material can be removed with mineral spirits. Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying these products.

SHELF LIFE

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

WARRANTY

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

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