

Mer-Ko Seal Acrylic Coating

Product Data Sheet

PRODUCT DESCRIPTION

Mer-Ko Seal is a high-performance coating used with Mer-Ko's Shur Deck, Weather Deck and Dual Pro 380 decking systems; it is also used for resealing existing acrylic coated deck systems. This 100% acrylic coating has excellent resistance to weathering and dries quickly.

CHARACTERISTICS

- Easy application and water clean-up, prior to drying
- Resists degradation from UV, ozone and weathering
- Outstanding long-term performance
- Complies with regional air quality regulations
- Good chemical resistance
- A multitude of custom color capabilities

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 apply in damp weather or when rain is expected within 24 hours.

COLOR

Light and dark color tint bases are tinted to specified color. Mer-Ko Seal is available in 16 standard and 12 sports court colors in matte with select colors available in satin, and semi gloss, consult the Color Selection Guide for additional details.

PACKAGING

5 gallon (18.9 liter) pail

MIXING

After opening the Mer-Ko Seal container, gently stir until uniform color.

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.

Primer

Apply a thin coat of Merko Prep Seal Primer to all properly prepared surfaces using a 1/4 inch smooth nap paint roller, ensuring complete coverage. Allow a minimum of 1 hour at 70°F (21°C) 50% RH to dry.

Topcoat – 1st Coat

Apply one coat of Mer-Ko Seal Topcoat using a paint roller, in a sample area using appropriate finish texture technique(s) and color(s) to achieve the desired finish. Upon approval, apply the Mer-Ko Seal Topcoat in the selected color and finish to all vertical, base and horizontal deck areas. Allow to dry a minimum of 2 hours at 70°F (21°C) 50% RH, prior to applying successive coats.

Topcoat – 2nd Coat

Apply a second coat of Mer-Ko Seal Topcoat perpendicular to the first. Allow to dry a minimum of 2 hours at 70°F (21°C) 50% RH, before returning to light service; 6 to 8 hours for normal service.

When resealing an existing surface, be sure to read and follow Mer-Ko's Cementitious Care and Maintenance Guide.

TECHNICAL DATA

Coverage Rate 750-1,000 ft² (70-93 m²)/5 gallon pail

Weight per Gallon lbs/gallon
(ASTM C109)

Matte Light Base 11.38
Dark Base 11.25

Satin Light Base 10.36
Dark Base 9.97

Semi-Gloss Light Base 9.96
Dark Base 9.53

Gloss at 60 degree

Matte <5

Satin 15-20

Semi-Gloss 40-60

Solids by Volume 49.30%

Solids by Weight 59.17%

VOC <100 g/L
(ASTM D3960)

pH 8-10

Viscosity at 77°F 105-115 KU
(ASTM D562)

Chemical Resistance

Solution	Staining	Crazing	Softening	Delamination	Spalling
Industrial Detergent	1	No	No	No	No
Ammonia Solution	2	No	No	No	No
Muriatic Acid	2	No	No	No	No
Chlorine Solution	2	No	No	No	No
Anti-Freeze	1	No	Yes	No	No
Salt Solution	1	No	No	No	No

1 = Unaffected 2 = Superficial 3 = Considerable

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 clothes 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

Ventilate area. Scoop material up and transfer to an open container. Allow material to dry before disposal. Keep spilled products out of sewers, streams, and water systems.

STORAGE & HANDLING

Store Mer-Ko Seal at temperatures between 40°F and 100°F (4°C and 38°C). Do not store at high temperatures or in direct sunlight. Do not allow to freeze.

Promptly clean tools and equipment with water and mild detergent. Dried Primer 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.

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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 Technical Service Department for specific warranty information or www.parexmer-ko.com.

WARNING:

- Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Material Safety Data Sheet (MSDS). The most current MSDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

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