

Deck Waterproofing Membrane

PRODUCT DESCRIPTION

Mer-Ko Deck Waterproofing Membrane is an asphalt modified latex, elastomeric membrane, designed to create a thin-section, seamless, reinforced waterproof membrane barrier. Deck Waterproofing Membrane is used with Shur Deck, Weather Deck, and ARC Membrane.

Mer-Ko Deck Waterproofing Membrane functions as a waterproof and crack isolation membrane designed for above grade use as well as under concrete and approved overlayers and tiles.

It provides superior positive-side waterproofing protection and superior durability using a high-performance, latex resin. Deck Waterproofing Membrane incorporates an anti-microbial component, a performance additive that inhibits the growth of mold and mildew on the membrane surface and in damp environments, providing additional protection and defense against environmental health concerns it is used in conjunction with reinforcing fabric to provide exceptional membrane stability.

Deck Waterproofing Membrane is a cold-fluid, applied material that creates a tenacious bond to properly prepared substrates (e.g., base flashings, etc.). It is applied at 27, 36 or 54 wet mil thickness, see the specific system Technical Application Guide for the required dry film thickness.

CHARACTERISTICS

- Solvent-free
- Non-flammable
- Seamless, monolithic waterproofing membrane
- Ready for installation without heating or thinning.
- Rapid installation
- Excellent adhesion properties
- Maintains elastomeric properties at low temperatures
- Outstanding long-term durability and performance
- Superior resistance to flexing and twisting

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.
- Substrate and ambient temperature must be above 40°F (4.4°C) and below 120°F (49°C) during and for 24 hours following the application.
- Do not apply in damp weather or when rain is occurring or expected within 24 hours.
- Deck Waterproofing Membrane must be covered with bodycoat, protective coat or overlay within 72 hours.
- Always apply Prep Seal as an intercoat primer between any cementitious system layers other than the waterproof membrane, that have cured for more than 72 hours. In the event that the Deck Waterproofing Membrane has cured for more than 72 hours, the surface must be cleaned, allowed to dry and an additional coat of the Waterproofing Membrane must be applied.
- Protect the membrane from construction traffic during application and cure to prevent damage to the membrane prior to installing the finish materials.
- Will not bridge seismic cracks or wide construction joints
- Not suitable for applications where chained or studded tires may be used.

TECHNICAL DATA

Required mils DFT is determined by the particular System to be installed.

Depending on the condition of the substrate and the thickness of application, approximate coverages are:

Coverage Rate	300 ft ² (27.9 m ²)/5 gallon pail
Thickness	15 (0.38 mm) mils DFT
Coverage Rate	225 ft ² (20.9 m ²)/5 gallon pail
Thickness	20 (0.51 mm) mils DFT
Coverage Rate	150 ft ² (13.9 m ²)/5 gallon pail
Thickness	30 (0.76 mm) mils DFT
Absorption	0%
(Total immersion for 24 hours)	
Adhesion	> 250 psi
(ASTM C794)	
Drying Time	24 hours
at 70°F (21.1°C) 50% RH	
Elongation	> 500%
(ASTM D638)	
Porosity	Zero Transmission
(115 psi for one hour)	
Temperature Sensitivity	(At Installation) 40°F to 100°F (4.4°C to 37.8°C)
(After Installation) -60°F to 200°F (-15.6°C to 93.3°C)	
Tensile Strength	> 240 psi
(ASTM D638)	
Density	8.5 lbs/gallon
Solids by Volume	55.9%
Solids by Weight	56.6%
VOC	68.3 g/L
(ASTM D3960)	
Viscosity at 77°F	65-75 KU
(ASTM D562)	

- Not designed for heavy steel wheeled traffic
- Not intended for use as a finished surface.
- Designed for professional use.

COLOR

Dark Blue in liquid state and black when fully cured.

PACKAGING

5 gallon (18.9 liter) pail

MIXING

After opening the container, gently stir until uniform color.

APPLICATION

Follow Technical Application Guide for the applicable System Deck Waterproof Membrane is being used in.

STORAGE & HANDLING

Store Mer-Ko Deck Waterproof Membrane out of direct sunlight at temperatures between 40°F and 100°F (4.4°C and 38°C). Do not allow the uncured Deck Waterproofing Membrane material to freeze. Promptly clean tools and equipment with water and mild detergent. Always wear proper safety equipment, including particle mask, eye protection, and gloves when mixing and/or applying these products.

Product Data Sheet

Deck Waterproofing Membrane

SHELF LIFE

The shelf life is twelve (12) months from the date of manufacture in the original, unopened container when stored properly.

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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PAREX
MER-KO
www.parexmer-ko.com

Corporate Office

Parex USA, Inc.
4125 E. La Palma Ave., Suite 250
Anaheim, CA 92807
(866) 516-0061
Tech Support: (800) 226-2424

