

ARC Membrane Filler

PRODUCT DESCRIPTION

ARC Membrane Filler is a high-performance, portland cement and sand blend formulated for use in conjunction with Mer-Ko ARC Emulsion, a component of Mer-Ko Weather Deck and Dual Pro 380 Waterproof Membrane decking systems. Together these materials are used as a component to create a durable, high-performance, bonding material and protective mortar wearing surface that exhibit excellent adhesion, tensile strength and flexibility over a wide temperature range.

CHARACTERISTICS

- Exceptional adhesion properties
- 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°C) and below 120°F (48.8°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.
- Not intended for use as a finished surface.
- Designed for professional use.
- Cementitious materials should be used within 30 minutes, do not re-temper.

COLOR

Grey powder

PACKAGING

40 lb (18.1 kg) bag

APPLICATION

Clean and properly prepare the dried waterproofing Membrane as directed in the ARC or Dual Pro 380 Waterproofing Membrane system's technical application guide.

ARC Emulsion is ready to use. After opening the container, gently stir before mixing with ARC Membrane Filler material.

Using a clean bucket and a mechanical mixer or caged hand drill, mix appropriate amounts of ARC Emulsion to one 40 lb. bag of ARC Membrane Filler. Mix until a smooth, even consistency is achieved. Be sure to incorporate material on the sides and bottom of the mixing container to avoid lumps.

Primer Coat: Mix 1.5 to 2 gallons ARC Emulsion to 40 lbs of ARC Membrane Filler

Protective Coat: Mix 1.5 gallons ARC Emulsion to 40 lbs of ARC Membrane Filler

Plywood Substrates

Installations directly over plywood surfaces must be coated with Mer-Ko Prep Seal primer/sealer prior to application.

Fill plywood board joint-spacing gaps with ARC Membrane Filler mixed with 1.75 to 2 gallons of ARC Emulsion to one 40 lb. bag, strike flush prior to drying and remove debris. The use of a mason's grout bag can aid in the application of the membrane filler joint grouting.

TECHNICAL DATA

Coverage Rate	160-180 ft ² /40 lb bag mix* (15-17 m ² / 18.1 kg bag mix)
Total Solids by Weight (ASTM D2369)	100%
Total Solids by Volume (ASTM D2697)	100%
*Membrane Filler/Emulsion mix	

Concrete Substrates

Fill concrete control joints with Mer-Ko PUC 1000 sealant and tool flush as necessary. Allow to dry a minimum of 24 hours at 70°F (21°C) 50% RH, prior to commencing with installation of the ARC Membrane Filler.

General Application

Apply ARC Membrane Filler mixed with ARC Emulsion using a brush or trowel as a primer over all vertical and horizontal surfaces to be coated. Allow to dry a minimum of 2 hours at 70°F (21°C) 50% RH, prior to commencing with installation of the waterproofing membrane. Remove minor surface imperfections by lightly trowel scraping and or sanding. Remove resulting debris, prior to proceeding.

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.

SPILL OR LEAK

For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust. For wet material, 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 ARC Membrane Filler in a dry environment at temperatures between 40°F and 100°F (4°C and 38°C). Do not store in direct sunlight. Keep ARC Membrane Filler bags off the ground and prevent exposure to moisture during transport and storage. 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.

SHELF LIFE

The shelf life is six (6) months 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

Product Data Sheet

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