

PRODUCT NAME:

MASTERFLEX® AQUABLOCK

PRODUCT DESCRIPTION:

MASTERFLEX AQUABLOCK is a premixed, liquid rubber waterproofing primer, crack prevention and bleed blocking membrane. It is formulated to be used prior to roof coating (elastomeric & silicone coatings) and paint applications. It creates a continuous waterproof barrier that creates an extra protection against water damage and oil excretion on asphalt roofs. Allows roof sealer application after 1 hour.

PRODUCT USE:

Ideal for roofs, walls, floors, retaining walls, bathrooms, planters, balconies, and basements. Compatible with concrete, drywall, wood (untreated), polyurethane and asphalt, providing long-lasting waterproof protection across a wide range of surfaces.

PRODUCT FEATURES:

- Waterproof & crack prevention membrane- Forms a protective membrane that prevents water intrusion and helps stop crack propagation.
- 100% waterproof primer
- Asphalt bleed blocker- Blocks asphalt stains and discoloration from bleeding through the coating system.
- Seal Cracks- Up to 1/8"
- Fast set formula allows roof sealer application after 1 hour.

PRODUCT LIMITATION:

- Not for use over structural cracks that are greater than 1/8" (3mm) thick
- Do not use over treated wood
- Do not let exposed to the UV. Product need to be covered in 48 hours or less.
- Do not allow direct contact with solvent-based materials
- Do not use under water immersion



TECHNICAL DATA

VV1277 MASTERFLEX® AQUABLOCK 1 gal

VV1278 MASTERFLEX® AQUABLOCK 5 gal

Resin type: Styrene Butadiene

Viscosity (cps): 30000 (Spindle L2/ 20 rpm)

Density (Lb./Gal): 9.70 +/- 0.05

Solids per weight (%): 62.0 +/- 2.0

Solids per volume (%): 56.0 +/- 1.0

pH: 8.5 - 9.0

VOC: < 50 g/L

Flash point: Non-flammable

Color: Light Gray

SURFACE PREPARATION: Clean the surface thoroughly by removing all dust, dirt, grease, mold, mildew, loose roof coating, and any other contaminants. A pressure washer with 3,000-4,000 PSI is recommended. Allow the surface to dry completely for at least 24 hours before applying the coating.

Concrete Surfaces: All concrete surfaces, including mortar, plaster, stucco and concrete block, must be cured for at least 28 days. Surface must have a pH level under 9 prior to the application of MASTERFLEX® AQUABLOCK. Remove any surface contaminants, form release agents, curing agents or efflorescence.



Previously Coated Surfaces: All surface contaminants such as oil, grease, mill scale, dirt, mold, mildew and efflorescence must be removed to assure permanent adhesion. Old coatings that are partially removed or loose by blistering, peeling or starching should be removed to provide a sound substrate.

Polyurethane Foam Roofs: Make sure the surface is in good condition, free of holes and cracks. If it's in optimum condition proceed with application. Do not use over other 100% Silicone coatings.

Mildew and/or Mold Contaminated Surfaces: Any existing mildew or mold on the surface must be completely removed prior to the application of MASTERFLEX® AQUABLOCK. Use MASTERFLEX® ROOF COATING CLEANER at the recommended dilution and scrub with a stiff bristle brush. Rinse completely and let dry.

Crack Correction: Inspect area to be coated. All cracks need to be corrected before application of roof coating. Use a putty knife or brush to fill the crack with MASTERFLEX® CRACK FILLER extending the material 3" (5.1 cm) on both sides of the crack. While product is still fresh, embed MASTERFLEX® FIBER-GLASS PATCHING WEAVE in the wet coating applying sufficient force to penetrate into the wet MASTERFLEX® CRACK FILLER. Avoid overstretching or bridging in fabric. Apply a second coat of MASTERFLEX® CRACK FILLER over the entire surface. The MASTERFLEX® FIBER-GLASS PATCHING WEAVE should not be visible after the second coat application. Allow to dry from 2 to 24 hours depending on environmental conditions and repair depth.

Efflorescence: Is a white powdery, crystal-like deposit that is visible on masonry surfaces. It must be removed using a solution of 1 part of muriatic acid and 3 parts of water. Use long handled brush. Rinse completely and let dry.

Asphalt membrane and build-up roofs: Remove all loose mineral gravel and clean roof thoroughly. Repair cracks or joints with MASTERFLEX® CRACK FILLER and FIBER-GLASS PATCHING WEAVE then proceed with application. Do not apply on pebble gravel roofs.

MIXING: Stir thoroughly before using. Product is ready to be used.

Thinning: Do not thin. This product is formulated for use at package consistency only.

Dry Time: @ 77°F & 50% Relative Humidity
To touch: 30-60
To re-coat: 1-4 hours

APPLICATION:

As Crack Prevention Membrane:

1. Force the product into cracks with the flat side of a trowel or brush.
2. The membrane should be applied as an even, continuous coat.
3. Gaps between plywood sheets and where walls meet floor must be prefilled.

Coverage:

On concrete:**:

- 90 sq ft/gal
- 450 sq ft/pail

Applied @ 18 mils wet; 10 mils dry

** Coverage may vary depending on depending on substrate conditions, concrete profile, type of equipment used, thickness and application procedures. **

As a Waterproof Membrane & Bleed Blocker:

1. Cracks of 1/8" (3mm) should be prefilled before beginning the waterproofing application.
2. Lightly dampen all porous surfaces.
3. Use a 3/4" (19mm) rough textured synthetic roller.
4. Apply a continuous, even film with overlapping strokes.

Coverage:

On concrete:**:

- 90 sq ft/gal
- 450 sq ft/pail

Applied @ 18 mils wet; 10 mils dry

** Coverage may vary depending on depending on substrate conditions, concrete profile, type of equipment used, thickness and application procedures. **



APPLICATION EQUIPMENT: May be applied with roller, brush, or airless sprayer. **Sprayer recommendation:** 2,000-3,000 psi pressure at the gun tip, 1.0-3.0 gallon (3.8 – 11.4 L) per minute flow rate, and tip sizes ranging from 0.025 - 0.040 inches (0.635 - 1.016 mm).

CLEAN UP:

Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

SAFETY INFORMATION:

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. May cause allergic skin reaction. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

First aid: If in eyes: Rinse cautiously with water for several minutes and remove contacts lenses if present and easy to do. Continue rinsing and get immediate medical attention. If swallowed: Rinse mouth and get medical attention if you feel unwell. If on skin: Wash with plenty of soap and water.

WARRANTY: The warranty of this product is limited only to the replacement of the product if it should fail to comply with quality standards or specifications. Master Paints & Chemical Corp. does not guarantee and shall not be liable for damages arising out of purchaser's failure to apply the product in accordance with our instructions. This warranty excludes labor and costs of labor for the application or removal of any product, and any incidental or consequential damages. If not satisfied as warranted, contact Master Paints & Chemical Corp. with sales receipt(s).

