

RE-ROOF EPDM Treatment

Single Component, Liquid Treatment for existing EPDM membranes

CSI Div. 07 & 09

07 01 50 Maintenance of Membrane Roofing
07 01 50.61 Roof Re-Coating
07 14 16 Cold Fluid Applied Waterproofing
09 91 33 Primers
09 01 90 Maintenance of Painting and Coating

LEED Points

MR Credit 5.1, Regional Materials.....Up to 2 Points
IEQ Credit 4.2, Low-Emitting Materials Paints and Coatings...1 Point
Using this AQUAFIN product can help contribute to LEED certification of projects in the categories shown above.

Product Description:

RE-ROOF EPDM Treatment is a single-component, low viscosity, liquid treatment that functions as a primer for existing EPDM membranes. RE-ROOF EPDM Treatment is designed for use as part of Aquafin's RE-ROOF System. The RE-ROOF System is an eco-friendly, reliable solution for new roofs and cost-effective option for extending the life of existing roof systems.

Typical Applications:

- As a treatment for EPDM (ethylene propylene diene monomer) membranes.
- To prepare existing EPDM roof surfaces to receive a RE-ROOF base coat.

Advantages:

- Nonflammable
- Minimum overspray

Surface Preparation:

- All substrates must be strong, solid, and stable.
- All roof drains must be unclogged and working properly. Roofs must be sloped according to industry standards to facilitate water removal. All water must drain and/or evaporate within 48 hours.
- Install crickets and complete metal sheet work repairs. Tighten fasteners and replace any fasteners that have deteriorated.
- All surfaces must be dry, clean and free from loose sand, dirt, dust and other foreign substances that could interfere with adhesion.
- All surfaces containing oil, grease, or similar types of contamination must be thoroughly degreased using a roof cleaner that is appropriate for the substrate. Follow all written instructions for the roof cleaner and completely remove all residue left from the cleaning process.
 - **EPDM (ethylene propylene diene monomer) membranes:** Repair all seam and flashing failures. Pressure-wash the existing surface with water to clean and remove all foreign matter, dirt, and debris.

Jobsite Preparation:

- Take all necessary precautions to ensure safety.
- Cover all intake vents near the work area.

Technical Properties:	
	RE-ROOF EPDM Treatment
Coverage Rate	500 ft ² /gallon
pH	6 - 7
Specific Gravity	1.01 g/cc
Wet Density	8.46 lb / gal
Color	Pink/Purple
All data are averages of several tests under laboratory conditions. In practice climatic variations such as temperature, humidity, and porosity of substrate may affect these values.	

- Provide a spill containment system to contain any potential spills of undiluted RE-ROOF EPDM Treatment.
- In preparation for the cleaning and rising process, ensure that there is proper drainage on the roof area. Note: Wash water disposal procedures must be in compliance with local codes and regulations.
- Ensure that CO2 or other dry chemical fire extinguishers are within easy access.
- Hot surfaces should be cooled and shaded while cold surfaces should be heated and sheltered.

Mixing:

RE-ROOF EPDM Treatment is packaged ready-to-use. No mixing is required.

Application:

Read all instructions thoroughly prior to installation.

Roof areas can encompass many different types of materials, especially in penetration and transition areas. For this reason, it is likely that several different primers will be required.

- **Primer (for field areas):** Apply RE-ROOF EPDM Treatment over existing EPDM (ethylene propylene diene monomer) membranes in a 3 - 4 ft. arc pattern at a rate of 500 ft²/gallon using an airless sprayer, conventional pressure sprayer, or Hudson-type agricultural sprayer.
- Allow RE-ROOF EPDM Treatment to dwell on surface of EPDM for at least 15 min.
- Remove RE-ROOF EPDM Treatment from the surface of the EPDM by using a pressure washer (between 2000 - 3500 psi). Pressure washing should be done slowly and close to the surface of the EPDM in order to facilitate the complete removal of RE-ROOF EPDM Treatment and any contaminants.
- Perform a thorough and final rinse of the entire surface with water using a pressure washer. Clear-colored rinse water that is free of any bubbles is an indication of an adequate rinsing technique. Allow EPDM surface to dry.
- **Primer (for flashing areas):** Apply the appropriate primer(s) to all areas that will receive a RE-ROOF flashing such as edges, seams, joints, metal

RE-ROOF EPDM Treatment

flashing, penetrations, and transitions. See primer selection chart for guidance. Refer to the corresponding primer Technical Data Sheet for surface preparation, mixing and application instructions, dry mil thickness requirements, approx. coverage, curing and recoat times. Allow to cure and pay close attention to recoat times.

- **First Flashing Treatment:** Treat edges, seams, joints, metal flashing, penetrations, and transitions with a RE-ROOF flashing. Include drains, fasteners, guide wire straps, gutters, inside and outside corners, joints, machine legs, parapet walls and caps, pipes, protrusions, rake edges, round projections, screws, seams, signposts, skylights, voids, and any areas where water could enter through the roof. Refer to the corresponding RE-ROOF flashing Technical Data Sheet for surface preparation, mixing and application instructions, dry mil thickness requirements, approx. coverage, curing and recoat times. Allow to cure and pay close attention to recoat times.
- **Second Flashing Treatment:** Apply a second coat of a RE-ROOF flashing over all areas that received the first coat of a RE-ROOF flashing. Allow to cure and pay close attention to recoat times.
- **First Base Coat:** Apply the first coat of a RE-ROOF Base Coat. Refer to the corresponding base coat Technical Data Sheet for surface preparation, mixing and application instructions, dry mil thickness requirements, approx. coverage, curing and recoat times. Overlap the RE-ROOF flashing by at least 6 inches (15 cm).

Drying:

- Allow surface of EPDM to completely dry before proceeding with the application of a RE-ROOF flashing or a RE-ROOF base coat. Drying time will vary, depending on temperature, humidity and air movement.

Clean-up:

Clean tools and equipment with water immediately after use.

Packaging:

RE-ROOF EPDM Treatment is packaged in a 5-gallon pail (18.9 liters).

Shelf Life & Storage:

- 12 months in unopened, original packaging when stored at temperatures between 50°F and 75°F (10°C to 24°C).
- Keep containers closed, store in a dry, cool place away from heat, direct sun, sparks, open flame, and moisture.
- Protect material from freezing.

Note:

Proper application is the responsibility of the user. Field visits by AQUAFIN personnel are for the purpose of making technical recommendations and not for supervising or providing quality control on-site.

Safety:

Refer to SDS. For commercial use only. Ensure adequate ventilation in application area. Use Type C organic vapor cartridge respirators during spray application. Vapor inhalation problems are characterized by coughing, shortening of breath and tightness in the chest. Anyone exhibiting these types of symptoms should be immediately removed from the workplace and administered oxygen or fresh air. If the condition is prolonged or extreme, seek emergency medical assistance immediately. Avoid contact with skin and eyes. Wear fabric coveralls, neoprene gloves or other chemically resistant gloves and safety goggles during mixing and application. After contact with skin, wash with plenty of water. In case of eye contact, rinse immediately with plenty of water for 15 minutes and seek emergency medical assistance immediately. **KEEP OUT OF REACH OF CHILDREN.**

LIMITED WARRANTY: AQUAFIN, INC. warrants this product for a period of one year from the date of installation to be manufactured free of defects and to be consistent with its technical properties as stated in our current Technical Data Sheet. This product must be used as directed and within its stated shelf life. AQUAFIN INC. will replace or at our discretion refund the purchase price of any product, excluding cost of labor, which is proven to be defective. Our product recommendations are based on industry standards and testing procedures. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. We assume no warranties written, expressed or implied as to any specific methods of application or use of the product. AQUAFIN INC. MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. AQUAFIN, INC. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

For Professional Use Only.

RE-ROOF Primer Selection Guide					
PRIMER	BUR	Concrete	EPDM	Galvanized Steel	Masonry
PRO-Tekt SP		X		X	X
RE-ROOF EPDM Treatment			X		
RE-ROOF Primer PO					
RE-ROOF Primer WB	X				
PRIMER	Modified Bitumen	Wood (trim only)	Polyurethane	PVC	TPO
PRO-Tekt SP		X			
RE-ROOF EPDM Treatment					
RE-ROOF Primer PO			X	X	X
RE-ROOF Primer WB	X				

Check our website for the latest version of the Technical Datasheet. Only the current version is legally binding - and only for the intended market. In cases of uncertainty contact our technical department for further information before starting any applications.