



Aqua-Proof™ Wall MD-858

Waterproofing Base Membrane for Walls

Description:

Aqua-Proof™ Wall is a styrene butadiene liquid waterproofing membrane, that provides a simple alternative to water proof in many applications. It is excellent for walls, roofs, floors or gardens affected by leaks and humidity. This monolithic membrane is excellent when used as a base on horizontal or vertical surfaces affected by cracking and water infiltration problems.

Meets Requirements for:

ASTM D 6083:	Yes
VOC Compliant (<10 g/L):	Yes

Product Advantages:

- Waterproofs walls, masonry walls, and pilasters
- Does not require additional primers for application
- Can be applied over or beneath plaster/render coatings
- Can be reinforced with polyester fabric mesh
- Low VOC (Volatile Organic Compounds) content (<10 g/L)
- Protects against moisture and water infiltration
- Ideal for chalking-prone surfaces
- Seals small cracks in affected wall surfaces
- High alkali resistance
- Can be applied directly to gray concrete after 2 days of curing

Uses:

Aqua-Proof™ Wall can be a main waterproofing or part of a system for preparing affected surfaces to be coated. It can be used under or over stained as a moisture barrier or waterproofing in an underground application system. It is an excellent base for 100% silicone roof sealing systems rays. Works as protection in wet areas such as exterior or interior walls, bathrooms, kitchens, balconies and basements. To apply in concrete, metal, wood.

Technical Data:

Product Type:	Styrene Butadiene
Solids (%):	58 ± 2% by weight 48 ± 2% by volume
Weight/Gallon:	10.3 ± 0.05lbs. (4.6 ± 0.02kg.)
Color:	Gray
Drying Time: ASTM D1640	To touch: 30-60 min To recoat: 2-4 hrs
Coverage:	
On Concrete:	345 - 400 ft. ² /gal. (32 - 37 m ² /gal.) @ 2.3 dry mils, 4.6 wet mil
Coverage:	1 gallon
Thinning:	Is not recommended
Flash Point:	Non-flammable
Viscosity:	95 - 105 KU
Percent Pigment by Weight:	16 ± 2%
VOC:	< 10 g/L

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

F.D.S.: Available upon request.

Surface Preparation:

Surface must be clean, sound, and free of dust or loose material. Remove all debris and old loose coatings by means of high-pressure water blasting or wire brushing. Any existing mildew on the surface must be completely killed and removed prior to the application of this product. Scrub mildewed surface with Drycoat Cleaner. Rinse completely and let dry.

System Recommendations:**In walls for re-paint:**

One coat of Aqua-Proof™ Wall at 350 ft.²/gal.

Two coats of paint at 450 ft.²/gal.

In walls before plastering:

One coat of Aqua-Proof™ Wall at 350 ft.²/gal.

As a sealer or primer for new concrete:

Apply one coat of Aqua-Proof™ Wall at 2 mils dry film thickness (DFT) and 4.0 mils wet film thickness (WFT).

Application Recommendations:

For other applications you can use the recommended coverage of 400 ft.² / gal using several layers, if using polyester reinforcement mesh, the coverage will be 200 ft.² / gal. You should consult the Waterproofing Systems Manual for additional information.

Weather conditions: Select a sunny and warm day for the installation. Do not install after 4:00 pm. The product should not receive rain for a minimum of 6 hours after installation.

Repair Cracks and Joints: Make sure all cracks, seams, covers and around all objects are completely dry and clean. Apply with a spatula Lanco® Siliconizer™ Crack Filler and polyester mesh over cracks, seams, and around all objects and 2 inches to each side. Allow to dry thoroughly 24 hours before applying paint or other sealant.

Concrete surfaces: Repair concrete holes or areas where concrete has been weakened or stripped. Cover the area to be repaired with Lanco® Bonding Agent and allow to dry. In addition, add one gallon of Lanco® Bonding Agent to the mix for every 50 pounds of cement. Apply and let cure for a week.

Application Method:

Apply with a Lanco® 3/4 "Nap Rough Roller or airless spray gun. Wait 24 hours between the layers to dry well. Apply only at temperatures above 50°F (10°C), do not apply if the temperature is expected to fall below 50°F. (10°C) Apply a second coat if necessary to obtain the recommended thickness. Never dilute or mix this product, use as it is in the container.

Recommended Equipment: Use a airless pump with a pressure between 1,500 and 2,000 psi. An application of 1 to 2 gallons per minute with a tip from 0.026 to 0.035 is adequate. Wait 24 hours between coats. The hoses should be 3/8" in diameter and the type used for high pressure. The inside diameter will have to be greater if the hose is more than 50 feet long.

Cleaning: Clean all equipment with warm water and soap.

Danger/Warning:

Limited Warranty: Manufacturer's liability in connection with the sale of this product will be extended to replacement price only if it fails to meet quality standards or specifications and if application specifications are followed.

Caution: Contains 100% acrylic resin. In case of contact, the product may cause eye, skin, nose and throat irritation. Immediately pour water. Do not rub your eyes. In case of contact with skin, wash immediately with water. If swallowed do not induce vomiting. Seek immediate medical attention. Keep out of the reach of children.

Warning! If you scrape, sand or remove old paint, you can release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should avoid exposure. Use a NIOSH approved respirator to control lead exposure. Carefully clean with a HEPA vacuum cleaner and a wet map. Before you begin, learn how to protect yourself and your family by contacting the National Hot Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. For chemical emergencies call ChemTrec 1-800-424-9300. Protect from freezing.

