



Technical Data Sheet

BarrierGuard

Updated January 26, 2010

DESCRIPTION

BarrierGuard® is designed for waterproofing all types of masonry surfaces such as foundation walls, concrete panels, exterior basement walls, retaining walls and moisture-retaining structures such as cisterns, and concrete shrubbery boxes. Mixed with water and Portland cement, and fully reinforced with **PremiumCoat Fabric**, it forms a hard-wearing, flexible compound. It is also resistant to standing water and ideal for subterranean waterproofing

RECOMMENDED USES

- Waterproofing foundation walls
- Waterproofing basements
- Lining water-retaining structures
- Waterproofing masonry shrubbery boxes

ADVANTAGES & BENEFITS

- Protects masonry surfaces from water damage
- Will not peel off like stick-on adhesives
- Wear-resistant and hard to damage
- Resists ponding water
- Extremely U.V. resistant
- Resists acid rain and chemical pollutants to protect from chemical spills and fall-out damage
- Meets V.O.C. emissions and regulations to eliminate facility downtime during installation.
- Nontoxic formulation is safe to apply
- Easy application and cleanup
- No special training or equipment required to install
- 5-year warranty

APPLICATION INSTRUCTIONS:

Surface Preparation

Remove any loose or flaking particles, scale, dirt, rust or scale. Masonry surfaces need to be dampened first to prevent moisture loss from slurry. (*Contact Hydro-Stop LLC technical department with questions.*)

Mixing

Slurry is prepared by mixing (one-part BarrierGuard®, one-part water, and three parts Portland Cement). Add BarrierGuard® and water to a clean 5-gallon pail and mix with a slow-speed mechanical mixer for about 1 minute. Slowly add the Portland cement until a totally homogenous and lump-free slurry is produced. Above 80 degrees it is recommended to add ice to cool down the slurry mix to prevent premature gelling.

Application

Apply BarrierGuard® slurry to the dampened area and immediately imbed the BarrierGuard® Fabric in the wet slurry. Work out any bubbles or creases with the brush. Fully saturate the Fabric from above with more slurry and allow to dry. Follow with a final coat of BarrierGuard® slurry. BarrierGuard® Fabric should lap by minimum of four inches.

Coverage

One gallon of BarrierGuard® will make approximately four gallons of slurry. The slurry will cover approximately 50 square feet of full BarrierGuard® System that is reinforced with fabric. Coverage of slurry for damp proofing or priming may vary from 120-200 square feet depending on condition of substrate.

Clean Up

Thoroughly rinse application equipment with clean water.

Drying / Curing Information

The exact drying time for the BarrierGuard System will vary with environmental conditions. Typically the BarrierGuard System will dry in 1 hour at 70 degrees Fahrenheit and 70% humidity. A full cure is generally obtained in 72 hours.

Potable water Applications- Refer to the NSF International website (www.nsf.org) for application parameters for potable water end uses.

For more information: *Contact the Hydro-Stop Technical department.*

SAFETY & HANDLING

For specific information regarding safe handling of this material please refer to the Material Safety Data Sheet (MSDS). BarrierGuard® can be used in a safe and environmental friendly manner. It is designed to reduce the output of V.O.C.'s while providing the customer with a high performance water barrier.

For more information: *Contact the Hydro-Stop Technical department.*

CLEAN UP

Thoroughly rinse application equipment with clean water.

ORDERING INFORMATION

The components of the **BarrierGuard®** System can be purchased at any official distributor of Hydro-Stop. For a distributor in your area please call us at 1-800-739-5566.