



EnviroShield™ 100 – Clear Sealer

Interior / Exterior Mold and Mildew Resistant Clear Sealer

Description

EnviroShield™ 100 is a low gloss, water-based 100% acrylic, multi-purpose coating for use on surfaces of construction materials such as wood, wood composites, gypsum, wallboard, ceiling tile, concrete, brick, painted surfaces, and other materials used in construction. EnviroShield™ 100 is applied at the job site to form a protective-coating surface that has been specifically formulated to resist mold and mildew growth on the dried coating film. EnviroShield™ uses EPA registered antimicrobial additives and is low v.o.c. EnviroShield provides a tough and flexible, clear film that has long term adhesion eliminating any future blistering, peeling, cracking or chipping off the surface.

EnviroShield™ 100 is ideal for new construction and remodeling or repair projects to prevent future mold growth on its surface as well as to strengthen and seal porous and semi-porous construction surfaces. It is intended to be used in building remediation to restore the integrity of aged and mold or water damaged materials, and eliminates odors when surfaces are cleaned and coated thoroughly.

Surface Preparation

Remove all dust, dirt and loose material, ensure surface is free from oil, grease, silicones, wax or mold. Any undesirable substances left on the surface may act as a bond breaker preventing adhesion of EnviroShield. Concrete should be at a safe pH level (<0.9), and free of standing water or debris.

Application

EnviroShield™ 100 is best applied by spray application to ensure proper appearance, dries quickly, and leaves no odor. Application rates may vary depending on surface porosity and desired hiding where 2 coats may be necessary.

1. Clean the surface to remove dust and other construction materials.
2. Dry any noticeable water stains or similar thoroughly before application.
3. Use any good quality, clean, spray equipment. Stainless Steel or plastic tanks are recommended to prevent rusting or staining. IT IS IMPORTANT THAT EITHER A SEPARATE SPRAY SYSTEM FOR CLEAR COATINGS BE USED OR THE SYSTEM BE THOROUGHLY CLEANED TO PREVENT CONTAMINATION (Any pigment residue may discolor the clear appearance of EnviroShield).

4. Hold the spray nozzle 12 to 18 inches from the surface, and apply uniformly, overlapping each spray pass by approximately ½ to ensure uniform coverage.
5. Use a damp cloth or sponge to wipe away excess from undesired materials
6. Allow the surface to dry. EnviroShield™ 100 will be fully effective as soon as the surface is dry.

Mixing Procedures

DO NOT MIX EnviroShield™ with other materials or dilute, as this will void manufacturer warranty. EnviroShield™ 100 MUST BE THOROUGHLY MIXED USING A MECHANICAL MIXER, (“Jiffy Mixer” or similar motor driven high-speed device), FOR A MINIMUM OF 2 MINUTES OCCASIONALLY CHECKING BOTTOM OF CONTAINER FOR COMPLETE DISPERSION OF ANY SETTLED MATERIAL. After mixing, simply pour the desired amount into the tank and use. Apply to the surface at a rate of up to 1200 sq. ft./gal. Excess can be stored in a freeze-protected environment for later use.

Physical Properties

Type	100% Acrylic
Use	Interior / Exterior
Appearance	Clear
Solids	42% by weight
Odor	Characteristic
Vapor Density	Heavier than air
Stability in water	Dispersible
Viscosity	800-1200 CPS
Freeze/Thaw	5 Cycles
Coverage	Up to 1200 Sq.Ft. / gallon
Set to touch	20-30 minutes

*This table gives typical properties (not specifications) based on historical production performance. EnviroCare does not make any express or implied warranty that this product will continue to have these typical properties

Personal Safety, First Aid, and Storage and Handling

See the Material Safety Data Sheet (MSDS) for product specific information.

Technical Assistance & Ordering information

For help in selecting or evaluating these products for your application, please call the Technical Service experts at (978) 658-0123.



EnviroCare Corporation

260 Fordham Road
 Wilmington, MA 01887
 Phone: (978) 658-0123
 Fax: (978) 964-0444
www.envirocarecorp.com

The information set forth herein is furnished free of charge and is based on technical data that EnviroCare believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.