



# EZ-SHIELD

## BREATHABLE BARRIER SEAL FOR STONE, CONCRETE and BRICK



**EZ-SHIELD IS A COLORLESS NON-FLAMMABLE SURFACE TREATMENT THAT PRODUCES AN INVISIBLE PROTECTIVE COATING ON STONE, CONCRETE AND BRICK. THE COATING IS WATER REPELLENT. IT RESISTS SOILS, STAINS AND BIOLOGICAL GROWTH. IT IS ALSO VAPOR PERMEABLE, SO CRACKING, SPALLING AND FREEZE/THAW DAMAGE IS REDUCED.**

### PRODUCT HIGHLIGHTS

- **Non-flammable:** Unlike solvent based coatings, EZSHIELD is safe to use anywhere. Total hydrophobic shield.
- **Colorless:** The all but invisible film on the surface of stone or concrete, etc. does not change the surface appearance or leave a glossy finish.
- **Breathable:** Water does not penetrate the barrier, but moisture vapor does. Therefore, moisture trapped behind a layer can exit and not cause cracking, spalling efflorescence or freeze/thaw damage.
- **Makes clean up easier:** The sealed water repellant surface resists staining and atmospheric contamination, and it resists the growth of biological contaminants such as mold and mildew. When stains and deposits do not stick, clean up is easier.
- **Environmentally friendly:** With no toxic solvents or additives and NO VOC content, EZ SHIELD causes no pollution.
- The treated surface is paintable.

### USES

EZ-Shield can be applied to all types of exterior surfaces, stone, concrete, brick and stucco to prevent water penetration and reduce the effects of atmospheric deposits and soil.

### QUICK LOOK:

**Type:** Water based silane/siloxane penetrating sealer

**Toxicity:** Non-toxic

**VOC's:** 0 gm/L

**Flammability:** Non-flammable

**Composition:** Silane/siloxane solution

**Color:** Colorless

**Odor:** Low

**Coverage:**

*\*Coverage rates may vary depending on porosity, texture, application method and prior sealer application. Excess buildup should be avoided.*

FOR MORE INFORMATION,  
PLEASE SEE SDS.





# EZ-SHIELD

## HOW TO USE:

**SURFACE PREP:** Prior to surface preparation, protect all non-masonry surfaces and objects from possible wind drift and splash residue and fumes of the material. Proper surface preparation is very important. Use the proper cleaning detergent for substrate at hand. EZ-Shield should be applied on a clean, visibly dry and absorbent surface. Please note excessive moisture inhibits good penetration, reducing life and performance of product.

The temperature of the air and the surface are very pertinent aspects of applying any coating. The minimum temp of the air and surface must be between 40 deg F - 80 deg F while applying and must be between this temp for at least 8 hours after.

**COVERAGE RATES:** First Coat: 300-400 ft<sup>2</sup> per gallon. \*Coverage rates may vary depending on surface porosity, texture, application method and prior sealer application.

*Note: A test area is recommended.*

**APPLICATION:** EZ SHIELD can be applied to vertical or horizontal surfaces by brush, roller or low pressure sprayer. A second coat is recommended for maximum protection. If using a sprayer, be sure PSI is no greater than 20. Set sprayer to achieve a good, wet stream (not too fine of a mist). The coated surfaces should be protected from weathering conditions for at least 8 hours after application. Always test to ensure desired results. Let test area dry completely before inspection.

**HORIZONTAL APPLICATION:** Apply by roller at 300-400 sq. ft. per gallon depending on surface type and porosity. Broom out puddles until surface is penetrated. Re-apply a second coat (less product may be needed) and broom out remaining puddles. This is a wet on wet application. Coated surfaces should be dry to touch in approximately one hour.

**VERTICAL APPLICATION:** Use wet on wet application as described above. When using a sprayer, saturate from the bottom up while applying enough material for 4"-8" rundown below the spray contact point. Let the first application penetrate the substrate for at least 5-10 mins. Re-apply the material: less material will be needed for the second coat. When using a brush or roller, saturate the surface uniformly, allowing EZ-Shield to penetrate for 5-10mins. Brush out heavy runs and drips that show no signs of penetration.

**NOTE:** It is always recommended to test the product in a small, inconspicuous area for desired results prior to full application. Coverage rates may vary by application method (spraying methods may extend coverage rates). Coverage rates also vary depending on porosity, density, texture, etc.

## PRECAUTIONARY STATEMENT:

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/eye protection/ face protection. Take off contaminated clothing and wash before reuse. Dispose of contents/container according to local, state and federal regulations.

## FIRST AID:

**EYES:** Flush thoroughly with water lifting both eyelids. If irritation persists, Get Medical Help.

**SKIN:** Wash with soap and water. Remove and launder contaminated clothing before reuse.

**INGESTION:** Do not induce vomiting unless advised to by a physician . Get Immediate Medical Help.

**INHALATION:** Remove to fresh air.

## IN CASE OF FIRE:

This product is not flammable.

## FOR PROFESSIONAL USE ONLY

## FOR EMERGENCY HELP

24 Hours a Day contact: INFOTRAC at  
1-800-535-5053

Manufactured In The USA By



\*Product warranty for one year from date of manufacture

For more information on EZChem and all products manufactured by EZChem please visit our website: [www.ezchemusa.com](http://www.ezchemusa.com)