



ENVIROSHIELD™

ES-905 WHITE

DESCRIPTION AND USES

EnviroShield™ ES-905 is a white mold resistant coating for new construction, remodeling or repair projects. ES-905 will prevent future mold and mildew growth on the paint film and protect porous and semi-porous masonry surfaces from moisture and mildew damage.

ES-905 is for use on interior poured concrete, concrete block, brick/masonry, stucco, wood, plywood/OSB, gypsum, and painted surfaces. ES-905 is formulated with a biocide blend to prevent mold and mildew growth on the surface of the dried coating film only.

ES-905 promotes water resistance and protection from stains, but will not correct mold and mildew associated with chronic water and moisture intrusion.

FOR PROFESSIONAL USE

For Warranty information, please visit Rustoleum.com/Enviroshield.

PERFORMANCE CHARACTERISTICS

- White, water-based coating
- Prevents future mold and mildew growth on paint film
- Protects porous and non-porous surfaces from mold and mildew damage
- Interior use
- Fast dry, can be re-coated in 1 hour
- Safe to use on CPVC and PVC

PRODUCT

SKU	DESCRIPTION
ES905	5 Gallon Pail

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Surface must be structurally sound. Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Krud Kutter® Original Cleaner Degreaser, commercial detergent or other suitable cleaner. Remove all mold and mildew with an appropriate cleaner. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application. Apply only to pH stable concrete (below 9.0).

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-Approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

PRODUCT APPLICATION (cont.)

TINTING

This product can be tinted with universal colorants if desired. Maximum tint of 2 oz. of colorant per gallon.

For a wood tone look, use the following tint formulation as a guide, and adjust as desired. Be sure to apply a test sample to insure acceptable color for each specific project.

B	0Y 4.5
C	1Y 33
V	0Y 9.5

APPLICATION

Mix ES-905 thoroughly prior to and intermittently during use. Be sure that any settled material is dispersed thoroughly into solution.

Apply ES-905 with a brush, roller or sprayer. For airless spraying, use a .015 tip and medium pressure. Apply when air and surface temperatures are 40-90°F. ES-905 will prevent the growth of mold & mildew on coating surface when applied up to 400 sq. ft. per gallon. Coverage rates vary depending on surface porosity and desired coverage. Only one coat is necessary, a second coat can be applied if desired.

DRY TIME


ES-905 dries to the touch in 30 minutes. Can be recoated in 1 hour. High humidity and/or cool temperatures may lengthen the drying times.

LIMITATIONS

This product does not protect users against illness caused by food borne bacteria. Rust-Oleum Corporation does not warrant or guarantee that indoor air quality or health related issues will be reduced or eliminated.

CLEAN-UP

Clean all application tools with warm soapy water. Wipe up spills immediately with a clean damp cloth. Follow equipment manufacturer's directions to clean spray equipment. See label for proper container disposal.

	TECHNICAL DATA	ENV-15
	ENVIROSHIELD™ ES-905 WHITE	

PHYSICAL PROPERTIES

		ENVIROSHIELD ES-905 WHITE
Resin Type		Vinyl Acrylic Latex
Pigment Type		Titanium Dioxide, Nephylene Syenite
Solvents		Water
Weight	Per Gallon	10.5 lbs
	Per Liter	1.2 kg
Solids	By Weight	51.5%
	By Volume	28.9%
Volatile Organic Compounds		<50 g/l
Recommended Dry Film Thickness (DFT) Per Coat		1-1.5 mils
Wet Film to Achieve DFT (Unthinned material)		3-4 mils
Practical Coverage at Recommended DFT (assume 15% material loss)		350-400 sq.ft./gal.
Dry Times at 77°F and 50% relative Humidity	Touch	30 minutes
	Handle	40 minutes
	Recoat	1 hour
Shelf Life		3 Years
Storage		Protect From Freezing
Safety Information		For Additional Information, See SDS

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