

westcoat[®]
SPECIALTY COATING SYSTEMS

**PRODUCT
SPECIFICATION**

WP

WATERPROOF
RELIABLE MOISTURE BARRIERS

WP-91 Blue Waterproofing Resin

Description

WP-91 Blue Waterproofing Resin is a high solids acrylic-polymer modifier. WP-91 is a durable, multi purpose resin with excellent waterproofing characteristics, high flexibility and superior adhesion. WP-91 is fast drying, high-build and VOC compliant.

Uses

WP-91 is primarily used as an additive for the basecoat of the MACoat™ System and can be added to other cement products to enhance flexibility and waterproofing qualities. WP-91 is also used to laminate fiberlath and fiberglass. Formulated for use on decks, walkways and balconies.

Advantages

Higher Solids than WP-90 • Increased Flexibility • Better Water-Resistance • Excelled Adhesion to Concrete & Plywood • Allows Cement Products to be Feathered • Safe Water-based, no Solvents • Improves Freeze-Thaw Characteristics • Durable • Fast Access After Installation • Environmentally-safe Acrylics

Product Data			
Packaging	1 gal cans & 5 gal pails	Color	Blue
Coverages	~Varies depending on usage (see System Specification Sheets for desired system for coverage rates)	Mix Ratio	Varies depending on usage (see System Specification Sheets for mix ratios)
VOC Content	Zero VOC	Shelf Life	2 years in unopened packaging

Inspection

Surface must be clean, dry and free of grease, paint, oil, dust or curing agents. It should have a rough finish, be porous and feel like 30 to 50 grit sandpaper.

Preparation

Prepare concrete surface by sanding, grinding, scarifying, waterblasting, sandblasting or shot blasting to achieve a clean, porous and uniform surface that will allow product to soak in and bond permanently. When coating over plywood, surface must be clean, dry and free of all debris. See System Specification Sheets for complete preparation directions. Note: The most common reason for coating failure is due to lack of preparation.

Mixing

Stir prior to use until a homogeneous mixture and color is obtained.

Thinning

Not recommended when used in MACoat™ System.

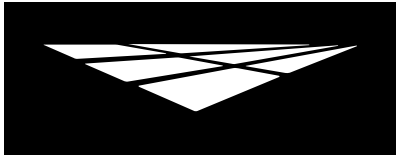
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Coverage

Depending on use and substrate conditions, coverage will vary.

Applying Product

For most applications, mix 1 gallon of WP-91 with 1 bag of TC Cement until uniform with a low rpm drill motor. This mixture can replace or be in addition to the basecoat in the MACoat™ system for extra waterproofing.

Dry Time

Time will vary depending on use and weather conditions at time of application. Usually 1 to 4 hours at 70°F. Allow 72 hours before heavy objects are placed on the surface.

Clean Up

Uncured material should be removed with soap and warm water. Cured material should be removed mechanically or with an environmentally-safe solvent.

Limitations

- Please read the manufacturer's complete System Specification Sheet before beginning your project.
- Do not use WP-91 if the temperature is below 55°F or above 95°F.
- Rain will wash away uncured Westcoat acrylic products.
- If inclement weather threatens, cover deck to protect new application.
- Do not allow any Westcoat products to freeze.

Health Precautions

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation.

Emergency and First Aid Procedures – If inhalation occurs, remove victim to fresh air and give artificial respiration if subject is not breathing. If product is ingested, induce vomiting if victim is conscious. Wash skin with soap and water if contact to skin causes irritation. Flush eyes with water if product contact occurs. Contact physician immediately for any health emergencies.

Technical Data

Technical Data	WP-91 Blue Waterproofing Resin
Type	100% Acrylic
Solids Content	57% by weight
Viscosity	>4000cps
Flash Point	>200°F (TCC)
Maximum VOC	0 grams per liter

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