



**WP**

**WATERPROOF**  
RELIABLE MOISTURE BARRIERS

## **WP-81 & WP-82 Cement Modifiers**

### **Description**

WP-81 & WP-82 Cement Modifier are high solids acrylic-polymer modifiers that will give increased strength, flexibility, and adhesion to most cement based products. WP-81 & WP-82 makes cement products more waterproof, more stain resistant and will extend the life of cement products, especially if exposed to the elements. WP-82 is the low odor version and otherwise equal to WP-81.

### **Uses**

WP-81 & WP-82 are primarily used as an additive to Westcoat cement products so that they can be used to waterproof decks, resurface or patch concrete and for a variety of exterior decorative concrete treatments. WP-82 is mainly used on interior applications where low odor is desirable.

### **Advantages**

- Increases Strength and PSI
- Allows Good Working Time
- Allows Cement Products to be Feathered
- Increases Adhesion to Most Surfaces
- Helps to Waterproof and Increase Water Resistance
- Safe Water-Based, No Solvents
- Increases Flexibility as More WP-81 or WP-82 is Added
- WP-81 is ICC Evaluated ESR-2201
- WP-82 is Low Odor

### **Packaging**

1 and 5 gallon pails

### **Color**

Milky white, dries clear.

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## **INSPECTION / PREPARATION**

### **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.

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.

### **Preparation**

Prepare concrete surface by sanding, grinding, scarifying, waterblasting, sandblasting or shot blasting to achieve a

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## **APPLICATION**

### **Mixing**

Stir prior to use. Typically combine 1 to 1¼ gallon per 50 lbs. bag of cement for most Westcoat applications. For complete mixing and application instructions, see System Specification Sheet.

As a Stucco Additive – WP-81 or WP-82 is an excellent additive to most stucco products. The stucco will bond better, weather better with reduced cracking and be more waterproof. When adding to stucco, simply mix 1-2 quarts of WP-81 or WP-82 per 90lb. bag of stucco. Add water to achieve desired consistency. Mix thoroughly with a low rpm drill motor. WP-81 or WP-82 will make the stucco a bit stickier and will cause it to cure more rapidly.

### **Thinning**

For use as a primer, thin with 4 parts water to 1 part WP-81 or WP-82.

Freshen up Concrete – Combine ½ gallon of WP-81 or WP-82 and up to 1 gallon of water with 1 bag of TC-5 Grout Cement to achieve the desired consistency. See complete Texture-Crete Broom On System Specification Sheet.

### **Coverage**

Will vary depending on use

### **Applying Product**

For Small Patches - Cut or chip open cracks or voids and clean. Mix one gallon of WP-81 or WP-82 with 1 bag of Westcoat Cement such as TC -1, 2, 3, 4 or 5. Combine the WP-81 or WP-82 and cement and add water to desired consistency. Mix thoroughly with a low rpm drill motor. Place the material into the area to be patched and smoothed or finished to desired effect using a trowel or float. (For larger patches see Concrete Patch System Specification Sheet).

As a Decorative or Waterproof Coating – Combine the WP-81 or WP-82 as described in the System Specification sheets for the Westcoat ALX waterproof decking system and Texture-Crete concrete resurfacing system. See ALX and Texture-Crete System Specification Sheet for complete instructions.

### Dry Time

Allow 4 to 6 hours drying time (depending on temperature and application) before permitting light pedestrian traffic. For best results, allow to cure 24 hours before direct traffic is permitted or additional coats are applied. Allow 48 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.

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## LIMITATIONS

- Please read the manufacturer's complete System Specification Sheet before beginning your project.
- Do not use WP-81 or WP-82 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.

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## 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.

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## DISCLAIMER

PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT

OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.

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## TECHNICAL DATA

Type	100% Acrylic
Solids Content	47% by weight
60% Gloss (4mil dry film)	85
Viscosity	150cps
Flash Point	>200°F (TCC)
Maximum V.O.C.	0 grams per liter



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