

RESUWALL™ HP

The following information is to be used as a guideline for the installation of the Resuwall HP wall system. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

APPLICATION INFORMATION — DRYWALL - LEVEL 4 FINISH (MATTE & EGGSHELL), LEVEL 5 FINISH (SATIN)

VOC MIXED	APPLICATION STEP	MATERIAL	MIX RATIO	THEORETICAL COVERAGE PER COAT	PACKAGING
0 g/L	Primer	Heavy Duty Block Filler or Extreme Bond Primer	Single Component	See application directions	1 or 5 gal
0 g/L	Body Coat	Resutile HPW	Premeasured Units	400 sq ft/unit (matte or eggshell) 340 sq ft/unit (satin)	Premeasured Units
0 g/L	Topcoat	Resutile AT	Premeasured Units	400 sq ft/unit (matte or eggshell) 340 sq ft/unit (satin)	Premeasured Units

For additional topcoat options, contact your Sherwin-Williams Representative.

IMPORTANT!

Read these instructions carefully several days prior to starting your work. For any questions, contact your local Technical or Sales Representative.

Resuwall HP is applied by brush and roller method. When recommended spread rates are followed, Resuwall HP will produce a nominal thickness of 6 - 8 mils (not including primer or block filler).

SURFACE PREPARATION

Surface must be clean, dry, and free of all oil and grease. Please refer to the master Surface Preparation Guide for more information. No coatings should be applied unless surface temperature is a minimum of 5°F above dew point. See Dew Point Calculation Chart on our website for detailed instructions.

MIXING AREA

Select a convenient mix area and protect the surface from spillage by covering with a layer of cardboard and/or sheet of plastic. Be generous with the amount of space you allocate for this function. The more comfortably your mixer works, the less likely you are to have a mix error. Make ready all necessary tools, mix and measure containers, etc. DO NOT MIX ANY MATERIAL UNTIL READY FOR IMMEDIATE USE. Once hardener and resin are combined, it must be used immediately.

RESUWALL HP APPLICATION DIRECTIONS

A pre-installation meeting is recommended to determine surface finish. Substrate finish will affect final appearance of wall coating. Drywall must be finished to a minimum level #4 for matte finishes and level #5 for semi-gloss finishes (finishing level definitions are based on GA-214-96, "Recommended Levels of Gypsum Board Finish," and are intended to provide an industry standard for drywall finishing). Coverage will vary depending upon porosity and texture of substrate. Apply masking tape wherever coating is intended to stop.

Extreme Bond Primer or Heavy Duty Block Filler is used with the Resuwall HP system for priming followed by two coats of Resuwall HP Topcoat.

- A. **Priming** – When applying over new concrete or block walls, Heavy Duty Block Filler is recommended to fill any pores in the substrate. Maximum block filling qualities are achieved with use of a roller (3/8" nap or longer). Heavy Duty Block Filler should be applied full body vertically and cross hatched horizontally to remove all roller ridges and unevenness in the block filler. Brushing should be done with a short stubby brush, working the material well into pinholes, pores and voids. Material should be applied in horizontal sections with the block mortar lines serving as a guide. Typical spread rates are 150 – 200 square feet per gallon for masonry block and 200 – 225 square feet per gallon for poured concrete.

When applying over previously painted or coated concrete or block walls, lightly sand to remove any gloss and apply Resuwall HP Topcoat with a synthetic, nylon or polyester brush, or a 3/8" nap synthetic roller at a spread rate of rate of approximately 400 square feet per kit (matte, eggshell) or 340 square feet per kit (satin).

When applying over drywall, use Extreme Bond Primer. Extreme Bond Primer can be applied to any paint-ready specified surface with a synthetic, nylon or polyester brush, or a 3/8" nap synthetic roller. The spread rate using a brush or roller is 400 - 450 square feet per gallon on smooth surfaces and 200 - 275 square feet per gallon on porous surfaces. Priming is not typically required when applying over existing epoxy or urethane coatings.

IMPORTANT RESUWALL HP TOPCOAT NOTES:

- Do not thin
- Box lots to avoid lot-to-lot color variation
- Mix entire batch
- Patches may be noticeable due to application technique

B. **First Topcoat** – Resuwall HP Topcoat is supplied in pre-measured units consisting of a resin and a hardener. Premix the resin for 2 - 3 minutes with ½" 750 RPM 3" Jifflytype mixer and pour it into a mix bucket. Next, pour the hardener into the mix container; scrape bottom and sides with a mix stick to assure that all material is transferred to the mix bucket. Use the hardener pail to scrape the mix stick and never scrape the mix stick on the side of the mix pail. Using a ½" 750 RPM drill with a 3" Jiffly blade, mix the resin and hardener for 30 seconds. Using a ¾" (minimum) nap roller, apply at a spread rate of approximately 400 square feet per kit (matte, eggshell) or 340 square feet per kit (satin). Resuwall HP Topcoat should be applied full body vertically and cross hatched horizontally to remove all roller ridges and unevenness. Allow to cure for 1 hour minimum before applying the second coat.

C. **Second Topcoat** – Repeat step B. Allow to dry 16 - 24 hours.

IMPORTANT: Always scrape the sides and bottom of the mixing container to assure thorough blending. Do not allow any water on coated surface for 48 hours.

IMPORTANT!

Before using Sherwin-Williams High Performance Flooring products, read and understand their accompanying Safety Data Sheet.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT industrial.sherwin-williams.com/na/us/en/resin-flooring FOR THE LATEST VERSION.

CAUTION! As with all chemical products, individuals may have different reactions to exposure to specific products. This is dependent upon many factors, including the individual's personal characteristics, the size of the installation, the ventilation available, the intensity of the exposure or the length of the exposure. Individuals may experience discomfort during the installation process of one product, but not another.

In some cases this is experienced as a skin irritation and in others it is experienced as an inhalant irritation. Typically, it disappears once the exposure is eliminated. In some cases people can become "sensitized" to a product and experience the discomfort every time there is exposure without Personal Protective Equipment ("PPE").

To protect yourself from various exposures or discomfort during the mixing and application of our products, we recommend covering exposed skin including using gloves, long sleeves, safety glasses and a respirator such as the 3M 8577 P95 Universal Disposable Carbon Respirator or a cartridge respirator.

Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Do not reseal moisture-contaminated hardener. This will result in carbon dioxide generation or possible violent rupture of container.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

United States & Canada

sherwin-williams.com/resin-flooring
swflooding@sherwin.com

©2025 The Sherwin-Williams Company
High Performance Flooring
HPF-1530952-08 05/25