



Protective & Marine Coatings

RESUFLOR™ AQUA 3462G REINFORCED WATER-BASED EPOXY

PART A
PART B

GP3462G59
GP3462B01

WHITE
HARDENER

Revised: February 2, 2025

PRODUCT INFORMATION

PRODUCT DESCRIPTION

RESUFLOR AQUA 3462G Reinforced Water-Based Epoxy is the intermediate coat for the Sherwin-Williams Sanifiber Wall System. This unique resin combines the toughness expected of a fiber reinforced epoxy with the ease of application typical of a latex. This environmentally friendly material provides increased performance against impact and cracking without producing a heavily textured or stipple finish common to reinforced wall systems.

ADVANTAGES

- Breathable
- Excellent adhesion to most substrates
- Long pot life but fast dry times
- Easy to apply roller or spray
- Reinforcement without texture
- Low odor, can contribute to LEED points
- Provides a durable, easily cleanable surface
- Improved chemical resistance versus latex or acrylic paints
- Acceptable for use in Canadian Food Processing facilities, categories: D1, D2 (Confirm acceptance of specific part numbers/ rexes with your Sherwin-Williams representative)

TYPICAL USES

RESUFLOR AQUA 3462G Reinforced Water-Based Epoxy can be used in facilities requiring sanitary wall surfaces including pharmaceutical, food, beverage, healthcare, bath and washroom areas, clean room environments and correctional / institutional facilities.

LIMITATIONS

- Substrate must be structurally sound and free of bond inhibiting contaminants.
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50°F (10°C). Substrate temperature must be least 5°F (3°C) above the dew point (for lower temperature installation contact your Sherwin-Williams representative).
- When required, adequate ventilation and proper clothing shall be provided.
- **Strictly adhere to published coverage rates.**
- Cure times will be extended in conditions of high humidity and poor ventilation due to low evaporation rate.
- When high humidity (>75% relative humidity) is anticipated, provide additional air movement and/or dehumidification.
- **DO NOT ALLOW MATERIAL TO FREEZE**
- **DO NOT EXCEED 20 MILS**

PRODUCT CHARACTERISTICS

| | |
|-----------------------------|---|
| Color: | White |
| Mix Ratio: | 3:1 |
| Volume Solids: | 44% ± 2%, mixed |
| Weight Solids: | 63% ± 2%, mixed |
| VOC (EPA Method 24): | Unreduced: <50 g/L ; 0.42 lb/gal, mixed |
| (10% potable water): | 56% |
| Viscosity, mixed: | 600-800 cps |

Recommended Spreading Rate per coat:

| | Min. | | Max. | |
|---|------------------|-------------------|------------------|-------------------|
| | Roller | Spray | Roller | Spray |
| Wet mils (microns): | 6.0 (150) | 12.0 (300) | 8.0 (200) | 20.0 (500) |
| ~Coverage sq ft/gal (m²/L): | 134 (3.3) | 267 (6.6) | 80 (2.0) | 200 (4.9) |

Drying Schedule @ 10.0 mils (250 microns) wet:

| | |
|--|--------------------------|
| | @ 72°F (22°C) |
| To touch: | 4-6 hours |
| To recoat: | 4-24 hours |
| <i>If maximum recoat time (24 hours) is exceeded, abrade surface before recoating.</i> | |
| <i>Drying time is temperature, humidity, and film thickness dependent.</i> | |
| Pot Life: | gallon mass 2 hours |

Shelf Life: Part A: 12 months, unopened
Part B: 36 months, unopened
Store indoors at 50°F (10°C) to 90°F (32°C).

Flash Point: >212°F (>100°C), ASTM D 93, mixed

PERFORMANCE CHARACTERISTICS

| Test Name | Test Method | Results |
|----------------------------|-------------------------------------|--------------------|
| Abrasion Resistance | ASTM D4060, CS17 wheel, 1000 cycles | 63 mg loss |
| Gloss | 60 Gloss Meter @ 73°F, 50% RH | > 80 millage units |

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive resinous material is critical. Read and follow the "Instructions for Concrete Surface Preparation" (Form G-1) for complete details.

STORAGE / APPLICATION

Store materials in accordance instructions, with seals and labels intact and legible. **DO NOT ALLOW MATERIAL TO FREEZE.**



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APPLICATION INSTRUCTIONS (Roller application):

1. Premix GP3462G59 (resin) and GP3462B01 (hardener), separately using a low speed drill and Jiffy blade. Mix for one minute and until uniform, exercising caution not to whip air into the materials.
2. Add 3 parts GP3462G59 (resin) to 1 part GP3462B01 (hardener), mix with low speed drill and Jiffy blade for three minutes and until uniform. Resuflo Aqua 3462G may be reduced with potable water up to 10%. DO NOT reduce product until after both components have been mixed together for 90 seconds. Apply material using a 3/8" nap roller at a spread rate of 105-160 sq. ft. per gallon to yield 6-12 mils WFT depending upon substrate. **DO NOT EXCEED 20 MILS WFT.**

APPLICATION INSTRUCTIONS (Spray application):

Apply material at a spread rate of 80-105 sq. ft. per gallon to yield 8-20 mils WFT depending upon substrate. **DO NOT EXCEED 20 MILS WFT.**

SPRAY APPLICATIONS:

Other airless spray pumps of equal configuration can be used.

Recommended Spray Unit: Graco Extreme (X-45)
Gun: G-XTR-5
45:1 Ratio or larger

Tip size: with 515/615 or larger orifice
Spray pressure: 4,500 PSI or higher

The filters/screens in both the spray unit and spray gun should be removed before spraying the 3462G.

The spray unit and lines should be flushed with water until clear and then flushed with Isopropyl Alcohol (IPA).

ORDERING INFORMATION

| | |
|------------|--|
| Packaging: | |
| Part A: | 3 gallon (11.4L) and 5 gallon (18.9L) containers |
| Part B: | 1 gallon (3.78L) and 5 gallon (18.9L) containers |
| Weight: | 11.2 ± 0.2 lb/gal; 1.34 Kg/L mixed, may vary by color |

CHEMICAL RESISTANCE

For comprehensive chemical resistance information, consult the Chemical Resistant Guide and contact your Sherwin-Williams representative.

TINTING

Do not tint.

CLEANUP

Clean up mixing and application equipment immediately after use with soap and water.

SAFETY

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

MAINTENANCE

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact your Sherwin-Williams representative.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.