



# Protective & Marine Coatings

## RESUFLO<sup>TM</sup> AQUA 3424 CONDUCTIVE WATER-BASED PRIMER / SEALER

PART A  
PART B

GP3424A61  
GP3424B01

RESIN  
HARDENER

Revised: December 17, 2021

### PRODUCT INFORMATION

#### PRODUCT DESCRIPTION

**RESUFLO AQUA 3424 Conductive Water-Based Primer/Sealer** is a black, two component, water-based epoxy designed as a primer for conductive or static dissipative coatings, slurry and mortar systems.

#### ADVANTAGES

- Impact and abrasion resistant
- Breathable
- Conductivity resistance range of 25,000 - 1,000,000 ohms
- Helps migrate MVT issues

#### TYPICAL USES

**RESUFLO AQUA 3424 Conductive Water-Based Primer/Sealer** provides exceptional resistance to wear, abrasion and chemical attack from most common alkalis and acids. It is suitable for use in computer rooms, circuit board assembly areas, ammunition storage and assembly facilities or any other area requiring dissipation of static electricity.

#### LIMITATIONS

- Must be reduced 10-20% with water by volume
- Substrate must be structurally sound, dry 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).
- Strictly adhere to published coverage rates

#### 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.

#### PRODUCT CHARACTERISTICS

<b>Color:</b>	Black only
<b>Mix Ratio:</b>	4:1
<b>Potable Water Reduction:</b>	10-20% by volume
<b>Volume Solids:</b>	55 % ± 2%, mixed
<b>Weight Solids:</b>	59 % ± 2%, mixed
<b>VOC (EPA Method 24):</b>	<50 g/L ; 0.41 lb/gal, mixed
<b>Viscosity, mixed:</b>	62,000 cps

#### Recommended Spreading Rate per coat:

	Minimum	Maximum
<b>Wet mils (microns):</b>	<b>5</b> (125)	<b>6</b> (150)
<b>Coverage sq ft/gal (m<sup>2</sup>/L):</b>	<b>320</b> (8.1)	<b>250</b> (6.4)

#### Drying Schedule @ 5-6 mils (125-150 microns) wet:

	@ 73°F (23°C)
<b>To touch:</b>	4 hours
<b>To recoat:</b>	4-24 hours
<b>Light traffic:</b>	24 hours
<b>Full cure:</b>	7-10 days

*If maximum recoat time is exceeded, abrade surface before recoating.  
Drying time is temperature, humidity, and film thickness dependent.*

**Pot Life:** gallon mass 4-6 hours @ 77°F (25°C)

**Shelf Life:** 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
<b>Abrasion Resistance</b>	ASTM D 4060, CS17 wheel, 1,000 cycles	20-30 mg loss
<b>Adhesion</b>	ASTM D 4541	250 psi concrete failure
<b>Conductivity</b>	ASTM F150-06	25,000 - 1,000,000 ohms
<b>Flammability</b>		Self-extinguishing over concrete



# Protective & Marine Coatings

## RESUFLO<sup>TM</sup> AQUA 3424 CONDUCTIVE WATER-BASED PRIMER / SEALER

PART A  
PART B

GP3424A61  
GP3424B01

RESIN  
HARDENER

Revised: December 17, 2021

### PRODUCT INFORMATION

#### APPLICATION

##### APPLICATION INSTRUCTIONS:

1. Premix GP3424A (resin) using a low speed drill and Jiffy blade Mix for one minute and until uniform, exercising caution not to whip air into the material.
2. Resuflo Aqua 3424 must be reduced to aid in placement. Add 4 parts GP3424A (resin) to 1 part GP3424B (hardener) and 10-20% potable water by volume. Mix with low speed drill and jiffy blade for 3 minutes or until uniform.
3. Apply using a short nap roller at a rate of 250 - 320 square feet per gallon (5-6 WFT mils). Allow to cure at least 4 hours prior to topcoating but no more than 24 hours. A light sanding may be required prior to applying topcoat.
4. Inspect primer coat prior to application of system. Test surface resistance in accordance with ASTM F150. Resistance range should be less than 150,000 ohms. If deviation from this range occurs, consult your Sherwin-Williams representative immediately.

#### TINTING

Do not tint.

#### CLEANUP

Clean up mixing and application equipment immediately after use with soap and water. Observe all fire and health precautions when handling or storing solvents.

#### 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.

#### ORDERING INFORMATION

Packaging:	
Part A:	1 gallon (3.8L) and 4 gallon (15.1L) containers
Part B:	1 quart (0.946L) and 1 gallon (3.8L) containers
Weight:	9.5 ± 0.2 lb/gal; 1.14Kg/L

#### 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.