



Protective & Marine Coatings

RESUPRIME™ 3830/3835

PART A	GP3830A01	STANDARD CLEAR
PART B	GP3830B01	STANDARD HARDENER
PART A	GP3835A01	LOW TEMP CLEAR
PART B	GP3835B01	LOW TEMP HARDENER

Revised: December 17, 2021

PRODUCT INFORMATION

PRODUCT DESCRIPTION

RESUPRIME 3830/3835 is a fast curing, two-component, epoxy resin that is tolerant of residual moisture in concrete floors and walls. This enables earlier access onto new concrete substrates for the application of Sherwin-Williams flooring systems. Resuprime 3830/3835 is formulated to prevent moisture related disbondment of non-permeable resinous systems.

ADVANTAGES

- Moisture insensitive to 15 lbs or 97% RH
- Withstands vapor emissions
- Low odor
- Suitable for use in USDA inspected facilities
- Excellent adhesion
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50°F (10°C) for standard cure and 40°F (4°C) for the low temp (for lower temperature installation contact your Sherwin-Williams representative).

TYPICAL USES

- For impermeable flooring and wall systems
- Use when moisture readings are less than 15 lbs, as measured by ASTM F1869 or less than 97% relative humidity as measured by ASTM F2170
- Can be applied to saturated surface dry (SSD) concrete

LIMITATIONS

- Do not apply to wet surfaces
- Substrate must be structurally sound and free of bond inhibiting contaminants
- Concrete must have an effective vapor barrier

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive resinous material is critical.

Concrete should have a profile of CSP 3-4.

Read and follow the "Instructions for Concrete Surface Preparation" (Form G-1) for complete details.

PRODUCT CHARACTERISTICS

Color:	Clear
Volume Solids:	100%, mixed
Weight Solids:	100%, mixed
Mix Ratio:	2:1 (standard), 1.28:1 (low temp)
VOC (EPA Method 24):	<100 g/L; 0.83 lbs/gal (as applied)

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns):	8.0 (200)	20.0 (500)
Coverage sq ft/gal (m²/L):	80 (2.0)	200 (4.9)

PRODUCT CHARACTERISTICS (CONT'D)

Drying Schedule @ 8.0 mils wet (200 microns):

@ 72°F/22°C

Standard:	50% RH
To touch:	6 hours
To recoat:	
minimum:	6 hours
maximum:	18 hours
Foot traffic:	24 hours
Heavy traffic:	72 hours
Full cure:	7 days

Low Temp:

To touch:	4-5 hours
To recoat:	
minimum:	4 hours
maximum:	18 hours
Foot traffic:	24 hours
Heavy traffic:	48 hours
Full cure:	7 days

If maximum recoat time is exceeded, abrade surface before recoating.

Drying time is temperature, humidity, and film thickness dependent.

Pot Life:	15 minutes
gallon mass	

Shelf Life:	12 months, unopened
	Store indoors at 40°F (4.5°C) to 100°F (38°C)

APPLICATION

Option #1 (< 8 lbs moisture reading or <85% RH)

Mixing and Application

1. Add resin to hardener. Mix with low speed drill and Jiffy blade until uniform. To insure proper system cure and performance, do not deviate from the pre-packaged quantities.
2. Apply using a tight squeegee coat and backroll with a high quality 3/8" nap roller. Apply at a spread rate of 8-10 mils evenly with no puddles making sure of uniform coverage.
3. Allow to cure 6* hours minimum for standard cure and 4* hours for low temp.
4. Proceed with resinous system installation.

Option #2 (< 15 lbs moisture reading or <97% RH)

Mixing and Application

1. Add resin to hardener. Mix with low speed drill and Jiffy blade until uniform. To insure proper system cure and performance, do not deviate from the pre-packaged quantities.
2. Apply using a tight squeegee coat and backroll with a high quality 3/8" nap roller. Apply at a spread rate of 16-20 mils evenly with no puddles making sure of uniform coverage.
3. Allow to cure 6* hours minimum for standard cure and 4* hours for low temp.
4. Proceed with resinous system installation.

*Cure times vary depending on environmental conditions.



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CHEMICAL RESISTANCE

For comprehensive chemical resistance information, contact your Sherwin-Williams representative.

TINTING

Do not tint.

CLEANUP

Clean up mixing and application equipment immediately after use. Use toluene or xylene. 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.

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.