



# Protective & Marine Coatings

## GENERAL POLYMERS® 3561V EPOXY COVE PASTE

PART A	GP3561V	SERIES
PART B	GP3561B01	STANDARD HARDENER
PART B	GP3561B02	FAST CURE HARDENER

Revised September 23, 2014

### PRODUCT INFORMATION

#### PRODUCT DESCRIPTION

**GENERAL POLYMERS 3561V EPOXY COVE PASTE** is a high solids, two component thixotropic binder resin for forming coves and troweled vertical mortars. This material, when mixed with the proper aggregates, will trowel easily on primed vertical surfaces at 1/16" - 1/8" without sagging.

#### ADVANTAGES

- Thixotropic - designed for cove base and vertical mortar applications
- Outstanding performance properties

#### TYPICAL USES

**GENERAL POLYMERS 3561V EPOXY COVE PASTE** is used in conjunction with other General Polymers flooring systems. GENERAL POLYMERS 3561V EPOXY COVE PASTE can also be used for Trafficote™ and TPM® solid color cove bases and vertical mortars.

#### LIMITATIONS

- Used as a binder / grout resin only, not to be used as a topcoat.
- Slab on grade requires vapor/moisture barrier.
- 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 at least 5°F (3°C) above the dew point (for lower temperature installation contact General Polymers Technical Service Department).

#### 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

**Color:** Clear, White, Red, Gray, Black  
**Mix Ratio:** 4:1  
**Volume Solids:** 92% ± 2%, mixed  
**Weight Solids:** 97% ± 2%, mixed  
**VOC (EPA Method 24):** <50 g/L mixed; 0.41 lb/gal  
**Viscosity, mixed:** 42,500 cps

#### Recommended Spreading Rate per coat:

~Coverage sq ft/gal (m<sup>2</sup>/L): varies according to usage

#### Drying Schedule @ 10 mils (250 microns) wet:

@73°F (23°C)

**To touch:** 12 hours  
**To recoat:** 16 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:** gallon mass 45 minutes @ 73°F (23°C)

**Shelf Life:** Part A: 36 months, unopened  
 Part B (Standard): 36 months, unopened  
 Part B (Fast Cure): 18 months, unopened  
 Store indoors at 50°F (10°C) to 90°F (32°C)

**Flash Point:** >213°F (>100°C), ASTM D 93, mixed

#### PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results
<b>Abrasion Resistance</b>	ASTM D4060, CS17 wheel, 1,000 cycles	100 mgs lost
<b>Adhesion</b>	ACI 503R	300 psi concrete failure
<b>Compressive Strength</b>	ASTM D 695	10,000 psi
<b>Flammability</b>		Self-extinguishing over concrete
<b>Flexural Strength</b>	ASTM D 790	12,000 psi
<b>Hardness, Shore D</b>	ASTM D 2240	75/65
<b>Resistance to Elevated Temperatures</b>	MIL-D-3134J	No slip or flow at required temperature 158°F (70°C)
<b>Tensile Strength</b>	ASTM D 638	6,000 psi



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#### APPLICATION

##### APPLICATION INSTRUCTIONS

1. Premix 3561VA (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. Add 4 parts 3561VA (1 gallon resin) to 1 part 3561B (1 quart hardener) by volume. Mix with low speed drill and Jiffy blade for three minutes and until uniform. Place mixed 3561V into mixer. Slowly add 50-60 pounds of Aggregate Blend. Mix until aggregate is thoroughly "wet out". Immediately trowel material vertically using a cove tool or other approved tool. Do not mix more material than can be applied in 45-60 minutes.
3. Allow to cure overnight.

**Note: Epoxy materials will appear to be cured and "dry to touch" prior to full chemical cross linking. Allow epoxy to cure 2-3 days prior to exposure to water or other chemicals for best performance.**

#### 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 MSDS 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.

#### SHIPPING

- Destinations East of the Rocky Mountains are shipped F.O.B. Cincinnati, Ohio.
- Destinations West of the Rocky Mountains are shipped F.O.B. Victorville, California.

For specific information relating to international shipments, contact your local sales representative.

#### ORDERING INFORMATION

Packaging:

Part A:	1 gallon (3.8L) and 5 gallon (18.9L) containers
Part B:	1 quart (1.0L) and 5 gallon (18.9L) containers

Weight: 11.8 ± 0.2 lb/gal; 1.41 Kg/L mixed, may vary by color

#### 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.