

**Technical Data Sheet**



# 3561V

## Epoxy Cove Paste

**PRODUCTION DESCRIPTION**

General Polymers 3561V EPOXY COVE PASTE is a high solids, two component thixotropic binder resins 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. 3561V EPOXY COVE PASTE can also be used for Trafficote™ and TPM® solid color cove bases and vertical mortars.

**LIMITATIONS**

- 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 50F. Substrate temperature must be least 5F above the dew point (for lower temperature installation contact the Technical Service Department).

**TYPICAL PHYSICAL PROPERTIES @ 73F**

Mix Ratio A:B	4:1
Color	Clear, White, Black, Gray and Red
VOC (Volatile Organic Content) EPA Method 24 SCAQMD Method 304	Compliant Compliant
Pot Life, 1 gallon mass @ 73F ASTM D 2471	45 minutes
Cure Time	Recoat 16 hours Full Cure 7 days
Abrasion Resistance ASTM D 4060, CS17 Wheel 1,000 Cycles	100 mgs lost
Tensile Strength ASTM D 638	6,000 psi
Compressive Strength ASTM D 695	10,000 psi
Flexural Strength ASTM D 790	12,000 psi
Hardness, Shore D ASTM D 2240	75/65
Resistance to Elevated Temperatures MIL-D-3134J	No slip or flow at required temperature of 158F
Adhesion ACI 503R	350 psi (100% concrete failure)
Flammability	Self-extinguishing over concrete

**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

### • MATERIAL DELIVERY AND STORAGE

Store materials in accordance with the instructions, with seals and labels intact and legible. Maintain temperature within required range. Keep resins, hardeners, and solvents separated from each other and away from sources of ignition. One year shelf life is expected for products stored between 50°F - 90°F.

### • APPLICATION

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.**

## CHEMICAL RESISTANCE

For comprehensive chemical resistance information, consult the Chemical Resistant Guide and contact the Technical Service Department.

## 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. All applicable federal, state, local and particular plant safety guidelines must be followed during the handling and installation and cure of these materials. Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state, and local codes.

## Maintenance

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department.

## 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.

## Disclaimer

The information and recommendations set forth in this document 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(s) offered at the time of publication. Published technical data and instructions are subject to change without notice.

Consult [www.generalpolymers.com](http://www.generalpolymers.com) to obtain the most recent Product Data information and Application instructions.

## 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.

