Technical Data Sheet

General Polymers®
High performance floor systems

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		Compliant
SCAQMD Method 304		Compliant
Pot Life, 1 gallon mass @ 73F		45 minutes
ASTM D 2471		
Cure Time	Recoat	16 hours
	Full Cure	7 days
Abrasion Resistance		100 mgs lost
ASTM D 4060, CS17 Wheel 1,000 Cycles		
Tensile Strength		6,000 psi
ASTM D 638		
Compressive Strength		10,000 psi
ASTM D 695		
Flexural Strength		12,000 psi
ASTM D 790		
Hardness, Shore D		75/65
ASTM D 2240		
Resistance to Elevated Temperatures MIL-D-3134J		No slip or flow at required temperature of 158F
Adhesion		350 psi
ACI 503R		(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 50ºF - 90ºF.

- 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

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Consult www.generalpolymers.com to obtain the most recent Product Data information and Application instructions.

Warranty

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