

EPOXY COVE SYSTEM™

SEMI-RIGID EPOXY COVE BINDER WITH COVE BUTTER & SAND



SKU#: 641-0000-05



THE RESINWERKS EPOXY COVE SYSTEM IS DESIGNED FOR USE ON VERTICAL PERIMETER SURFACES TO FORM AN INTEGRAL COVE BASE. It allows installers to create seamless wall to floor transitions through the combination of Resinwerks Semi-Rigid Epoxy Joint/Cove Binder, Cove Butter silica-free additive and industrial sand aggregate. This easy-to-use cove matrix exhibits adequate strength to withstand heavy traffic while preventing brittleness over the life of the installation. It is applied at an approximate thickness of 1/8" and provides for a 3/4" radius cove.

USES:

- » Animal Facilities
- » Secondary Containment
- » Food Preparation
- » Industrial Manufacturing

ADVANTAGES:

- » Impact Resistant
- » Easy-to-Use
- » Non-hazardous
- » Will not become brittle

SYSTEM COMPONENTS & MIXING

Joint/Cove-Fill 100: 2-gal kit

- » 1-Gal Part A (3.7 L) and 1-Gal Part B (3.7L)
- » Mix Ratio: 1-Part A to 1-Part B

Cove Butter:

- » 5-lb Unit

Industrial Sand or Quartz

- » Kiln-Dried Industrial Sand
- » 30-40 mesh size

Coverage

- » System coverages are approximate and will be dictated by the height of the cove and application technique.

APPROXIMATE COVERAGE PER MIX

COVE	EPOXY	CLAY	SAND	LENGTH
4"	1/2-Gal	32 Oz (1/4-gal)	12-18 Lbs	25 In ft
	1-Gal	64 Oz (1/2-gal)	24-36 Lbs	50 In ft
	2-Gal	128 Oz (1-gal)	48-72 Lbs	100 In ft
6"	1/2-Gal	32 Oz (1/4-gal)	12-18 Lbs	18.75 In ft
	1-Gal	64 Oz (1/2-gal)	24-36 Lbs	37.5 In ft
	2-Gal	128 Oz (1-gal)	48-72 Lbs	75 In ft
8"	1/2-Gal	32 Oz (1/4-gal)	12-18 Lbs	12.5 In ft
	1-Gal	64 Oz (1/2-gal)	24-36 Lbs	25 In ft
	2-Gal	128 Oz (1-gal)	48-72 Lbs	50 In ft

GENERAL PRODUCT INFORMATION

Color:	grey
Solids Volume:	100%
V.O.C.:	0 g/l mixed
Gel Time:	30 Minutes @ 70° F
Tack Free:	60-90 Minutes @ 70° F
Reducer:	Not recommended
Application Temp:	50°F - 90°F
Environment:	Interior r
Shelf Life:	12-months factory sealed

GENERAL PRODUCT PERFORMANCE

TEST TYPE	TEST METHOD	RESULT
Trouser Tear Strength	ASTMD 1938	207 lb/in
DIE-C Tear Strength	ASTM D624	236 lb/in
Tensile Modulus	ASTM D638	21,545
Tensile Strength	ASTM D638	1910 psi filled
Elongation:	ASTM D638	77%
Hardness/Shore D	ASTM D2240	4 hr: 60, 24 hr: >75

LIMITATIONS

- » Not intended for exterior applications
- » Do not apply over concrete experiencing ASR
- » Do not apply to concrete < 3500 PSI compression strength
- » Do not apply to new concrete < 28-days old
- » This product is not recommended for immersion service.
- » DEW POINT: Do not apply when dew point is within 5°F of the ambient temperature.
- » Do not apply in temperatures under 40°F or over 90°F.

RELATED PRODUCTS & SYSTEMS

- » Designed for use as a component to Resinwerks solid color, chip & quartz systems. May also be used as a cove base matrix for other resinous flooring systems.

TECHNICAL DATA SHEET

INSTALLATION TIME-FRAME

- Resinwerks recommends that concrete be cured a minimum of 30-days prior to application to ensure adequate adhesion. Installation of Cove Base should take place prior to the placement of the resinous flooring system. Ambient and slab temperatures should be stabilized to actual long-term operating temperature to limit any further concrete expansion or contraction.

PREPARATION

- » All areas should be completely free of all laitance, dirt, debris, moisture and any other contaminants. The concrete substrate should be properly prepared prior to application.
- » Vertical and Horizontal areas where cove is to be applied must be primed prior to application with primer and if desired - a light sand broadcast.

MIXING INSTRUCTIONS

- » Use a slow speed drill mixer to mix both part A and Part B individually prior to mixing for 60-seconds. Mix 1 Part A to 1 Part B by volume for a minimum of 90 seconds.
- » Add in appropriate amount of Cove Butter and properly disperse throughout the mixture
- » Add in the appropriate amount of sand to the mixture, taking care to properly wet out the sand.

APPLICATION INSTRUCTIONS

- » Apply the mixed Epoxy Cove Matrix directly over the primed surface
- » First, trowel up the wall with a straight trowel to place the mortar.
- » Second, smooth the cove with a radius coving trowel to create a 1/8"- 3/4"-1" (3.2-25.4 mm) radius. Mineral spirits or solvents may be used to keep the trowel lubricated during application.
- » Once cured, the cove may be grouted with appropriate Resinwerks coating material.

MAINTENANCE

The long-term performance, appearance, and life expectancy of wear surface products are dependent on an adequate routine maintenance program designed specifically for the installed wear surface. Resinous floor coating systems are nonporous, causing dirt and contaminants to remain on the surface. Recommended maintenance programs consist of frequent and thorough cleaning utilizing a neutral PH cleaner. The frequency of washing will vary depending on floor usage type, traffic and age. Please contact your local Resinwerks technical representative for more information.

NOTES

Thoroughly read all Material Safety Data Sheets prior to use and maintain copies on job-site at all times.

Mock-ups and field test areas are strongly recommended in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the coating system.

Variability in job site conditions (including but not limited to surface preparation, sunlight, humidity, dew point, temperature, etc.) during application of Epoxy products may lead to fish-eyes, blistering, pinholes, wrinkling, or out-gassing of air in the concrete and are not product defects.

TECHNICAL ASSISTANCE

PHONE: 720-484-5160

WEB: www.resinwerks.com