SEAL KRETE® HIGH PERFORMANCE EPOXY-SHELL™ COVE BASE

DESCRIPTION AND USES

SEAL-KRETE® High Performance Epoxy-Shell™ Cove Base is a heavy-duty cove base, designed to provide a slightly curved or radius transition from the floor to the wall, making a more attractive and easily cleaned surface.

Epoxy-Shell Cove Base is suitable for industrial manufacturing, secondary containment, machine shops, warehouses and other heavy-duty environments.

This product is typically installed by factory-trained contractors. Be sure you are fully aware of all application procedures and have all the required equipment available prior to beginning the installation of this product.

PRODUCT

SKU	DESCRIPTION (40 Linear Ft. Kit)
354031	Custom Color

NOTE: Epoxy-Shell Cove Base kits are packaged in a 5-Gallon kit: 35-40 Linear Feet (4" height at 3/16" with 1" radius).

EQUIPMENT AND SUPPLIES NEEDED

- Chalk line marker
- Electric drill motor with Jiffler mixing attachment
- M-60 Bucket mixer
- 3"x12" steel finishing trowel
- Coving trowel
- Type L or J cover strip (J preferred)
- Screws, nails, hot melt glue or contact adhesive
- Brushes (for applying primer)
- Mohair or foam roller (topcoating the cove base)
- Duct tape
- IPA, xylene

PRODUCT APPLICATION

USE OF COVING STRIP

A ⅛" - ¼" J or L strip may be used. J or L strips are normally used in termination of sheet goods (linoleum, etc.). Snap a chalk line at the desired cove height. The strip fastening procedure will vary, depending on material construction of the wall. If the wall is plaster or FRP board, secure the cove strip with screws into the wall studs. Hot melt glue or contact adhesive may be used instead on FRP board. If the wall is plywood or concrete, choices are nails, power fasteners, hot melt glue or contact cement.

MIXING EQUIPMENT

Use a 5 gallon bucket mixer that rotates the pail and has a side and bottom scraping attachment.

IMPORTANT: Hand mixing will produce inconsistent results and is not an approved method.

PRODUCT APPLICATION (cont.)

MIXING

The pre-measured kit is mixed in a 5-gallon pail using the M-60 direct drive bucket mixer which has side and bottom scraping action and timer. The entire pre-measured contents of both part A (resin) and part B (activator) are emptied into a 5-gallon pail. This pail is properly positioned onto the bucket mixer and the material is blended for one minute with a drill motor and Jiffler mixer attachment. After the part A (resin) and part B (activator) have been properly blended, the contents of one 35 pound bag of part C (sand) is added slowly and completely mixed for one minute using the M-60 direct drive bucket mixer.

PRIMING

After the termination strips have been securely fastened, the wall may be masked above the strip for neatness. Apply a tack coat of the reserved resin left in the bucket after pouring part A and B into the 5 gallon pail, ensuring enough resin is left to apply the thin tack coat primer. Brush and/or roll a tack coat of primer, repeating as necessary on wallboard, plywood, FRP or porous concrete. Do not apply more primer than can be completed in 25 minutes. The cove base must be applied into the primer while it is wet.

APPLICATION

The base horizontal transition is performed by placing duct tape 2" away from the wall. Place an appropriate amount of mixed material on the floor parallel to the cove strip. Using a steel finishing trowel, push the material up onto the wall to the termination strip at a thickness of ⅛" - ¼". Pull the material out onto the floor to the edge of the wet primed surface.

Using a coving trowel of the desired height and a radius (1-1½" is standard), first make a closing pass (10° angle). Then make a second pass with the same trowel (3-5°) to complete the basic cove strip. Finish by feathering the horizontal material down and bring the flooring material up to it.

NOTE: Applying a small amount of IPA or xylene to the coving trowel during the finishing passes will help to smooth and close the coving material.

FINISHING

The Epoxy-Shell Cove Base will need to be sealed or glaze coated, following normal SEAL-KRETE HP application procedures. This will provide a smooth surface which will help prevent accumulation of dust and debris during facility operation.

CLEAN UP

Equipment can be cleaned with xylene, IPA or Krud Kutter PRO Concentrated Cleaner and Degreaser if done immediately. If the material has hardened on equipment, it should be soaked overnight in methylene chloride.

Form: ARJ-1937
Rev.: 010620

TECHNICAL DATA **SKHP-17**

SEAL KRETE® HIGH PERFORMANCE EPOXY-SHELL™ COVE BASE

PHYSICAL PROPERTIES

		EPOXY-SHELL COVE BASE
Resin Type		Polyamine Converted Epoxy
Pigment Type		Varies depending on color
Solvents		Furfuryl Alcohol, Xylene
Weight*	**Per Gallon**	9.1-9.2 lbs.
	Per Liter	1.09-1.10 kg
Solids*	**By Weight**	100%
	By Volume	100%
Volatile Organic Compounds*		<50 g/l (0.42 lbs./gal.)
Practical Coverage Per Kit		35-40 linear feet (4” height at 3/16” with 1” radius)
Mixing Ratio		2.3 : 1 base to activator by volume
Induction Period		None
Pot Life @ 70-80°F (21-27°C) & 50% Relative Humidity		20-25 minutes
Dry Times at 70-80°F (21-27ºC) and 50% Relative Humidity	**Light Use**	12-24 hours
	Full Use	24-48 hours
	Full Cure**	4-5 days
Shelf Life		2 years
Flash Point		200°F (93°C)
Safety Information		**CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. CAUSES EYE AND SKIN BURNS. HARMFUL IF SWALLOWED. MAY CAUSE ASTHMA, SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (SDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.**

Calculated values are shown and may vary slightly from the actual manufactured material.
*Activated material

** Coating achieves its full physical and chemical resistant properties.

RUST-OLEUM

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