



8600 SYSTEM OVERKRETE® 45/65 CB

LOW TEMPERATURE EPOXY HEAVY-DUTY COVE BASE

DESCRIPTION AND USES

OverKrete® 45/65 CB is a heavy-duty low temperature epoxy 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. OverKrete 45/65 CB is formulated the same as the material for the floor. This data sheet is written with the assumption that products and instructions for the OverKrete 45/65 System is already on hand.

OverKrete 45/65 CB is suitable for use in food & beverage, chemical processing, meat & poultry plants, cold storage facilities and outdoor secondary containment.

This CPS Type II 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 FEATURES AND BENEFITS

CORROSION RESISTANCE

OverKrete 45/65 CB is resistant to a wide range of chemicals. For more detailed chemical resistance information, refer to the Heavy-Duty Concrete Flooring Solutions Guide.

PRODUCTS

8600 System OverKrete 45/65 CB is available in twelve standard colors. Custom colors are available upon request. Refer to the Rust-Oleum color chart. 8600 System OverKrete 45/65 CB is packaged in a 5-Gallon kit: 35-40 Linear Feet (4" height at 3/16" with 1" radius).

SKU	DESCRIPTION (40 Linear Ft. Kit)
241721	Natural
241713	National Blue
241729	Light Green
241715	Safety Yellow
236974	Tile Red
241717	Black
241723	Dark Gray
236976	Light Gray
241725	Navy Gray
241731	Pastel Blue
241719	White
241727	Super Light Gray

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 1/8" - 1/4" 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.

PRIMING

After the termination strips have been securely fastened, the wall may be masked above the strip for neatness. Apply a primer coat of Prime & Seal Primer according to product instructions. 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 30 minutes. The cove base must be applied into the primer while it is wet.

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.

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.

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PRODUCT APPLICATION (cont.)

MIXING (cont.)

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.

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 $\frac{1}{8}$ " - $\frac{1}{4}$ ". 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. Application video is available upon request.

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 8600 System OverKrete 45/65 CB will need to be sealed or glaze coated, following normal OverKrete 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® Cleaner/Degreaser if done immediately. If the material has hardened on equipment, it should be soaked overnight in methylene chloride.

SAFETY INFORMATION

8600 System OverKrete 45/65 CB contains amine curing agents. Avoid skin contact. In case of eye contact or ingestion, contact a physician immediately. Wear proper personal protective equipment. 8600 System OverKrete 45/65 CB is intended for industrial use only. This product should not be used by untrained or non-professional personnel.

SAFETY DATA SHEETS

The Safety Data Sheets can be found at www.rustoleum.com. It is strongly recommended that the Safety Data Sheets be read by all persons handling 8600 System OverKrete 45/65 CB.

If there are any questions on the use of this product, please consult our technical service department.

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PHYSICAL PROPERTIES

		8600 SYSTEM OVERKRETE 45/65 CB
Resin Type		Polyamine Converted Epoxy
Pigment Type		Varies depending on color
Solvents		Benzyl Alcohol
Weight*	Per Gallon	9.4-9.5 lbs.
	Per Liter	1.13-1.14 kg
Solids*	By Weight	100%
	By Volume	100%
Volatile Organic Compounds*		<165 g/l (1.37 lbs./gal.)
Practical Coverage Per Kit		40 linear feet (4" height at 1/8") 20 linear feet (4" height at 1/4")
Mixing Ratio		6.9 : 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 45-65°F (21-27°C) and 50% Relative Humidity	Light Use	12-24 hours
	Full Use	24-48 hours
	Full Cure**	4-5 days
Shelf Life		5 years
Flash Point		>185°F (85°C)
Safety Information		For additional information, see SDS

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

*Activated material

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

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