



COATING SYSTEMS FORMULATED TO LAST

Cove Base Resin

PRODUCT DESCRIPTION

LIBERTY Cove Base Resin is a two component, cycloaliphatic coating for building cove base. Its chemistry provides excellent bonding characteristics. LIBERTY Cove Base Resin is designed for easy cove base installation and easy mixing. Each kit is pre-measured, mix together the two components and add the recommended amount of silica sand to achieve the perfect mix for troweling cove base. LIBERTY Cove Base Resin is specially designed to give the throwel a ball bearing effect and glide smoothly across the base for consistently perfect cove base.

ADVANTAGES

- Essentially Odorless
- VOC compliant
- Ball Bearing Effect
- No amine blush
- Commercial kitchen approved
- Easy to mix kits
- Easy install
- Chemically Resistant
- Seamless flooring system

APPLICATIONS

- Pharmaceutical
- Food Prep/Kitchens
- Garage Floors
- Restrooms
- Manufacturing plants
- Aisle ways
- Clean rooms
- Auto showrooms
- Schools
- Car wash facilities
- Laboratories
- Basements
- Kennels
- Veterinary facilities
- Locker rooms
- Ramps
- Health Care facilities
- Loading docks

COLORS

LIBERTY Cove Base Resin is available in clear only

PACKAGING

LIBERTY Cove Base Resin consists of: LIBERTY Part A Resin and LIBERTY Part B premium hardener.

	<u>Part A</u>	<u>Part B</u>
Unit 1 Kit	Pre-measured	Pre-measured

PRODUCT DATA

Volumetric Ratio:..... Pre-Measured Kits
Solids:.....100% (+ or - 1%)
Coverage:.....35-50 LF (Based on 6in cove)
Application temperature:.....60-90°F
Thinning:.....Not required
Pot life:.....10-15 minutes
Working time on floor:.....20-30 minutes
Cure time:.....6-8 hours (walking)
24 hours (traffic)
Critical recoat time:.....24 hours
Shelf life:.....12 Months
USDA Food & Beverage:.....Meets Requirements

PHYSICAL PROPERTIES

<u>PROPERTY</u>	<u>VALUE</u>	<u>REFERENCE</u>
Compressive Strength:	7,800 psi	ASTM C 579
Flexural Strength:	3,700 psi	ASTM D 790
Tensile Strength:	3,900 psi	ASTM D 638
Bond to Concrete:	350 psi	ASTM D 4541
	Concrete fails at this point	
Taber Abrasion:	75-80mgs.	ASTM D 4060
Flammability:	Self Extinguishing	
Hardness, Shore D:	84	ASTM D 2240
Flash point:	>200°F	

MIXING

The ratio of LIBERTY Cove Base Resin is a pre measured kit designed for easy mixing and application. Part A pail has extra room to accomodate mixing the Part B & the desired amount of sand or color quartz. Mix the following with a drill and mixing paddle. Note: If using a drill mixer, use a low speed (not to exceed 300 rpm) to prevent air entrapment.

1. The Unit 1 kit allows the LIBERTY Part A container to be used as the complete mixing container. Add entire contents of the LIBERTY pre-measured Part B and mix for 2-3 minutes.
2. Next add 2-3 gallon of silica sand (20-30 grit recommended) or color quartz and mix for 2 minutes. Make sure to move mixer up and down to ensure a uniform mixture.
3. LIBERTY Cove Base resin is designed to be immediately troweled on the cove base. Leaving mixed product in the container will greatly reduce working time. Once poured out on the floor, 20-30 minutes of working time can generally be expected.

APPLICATION INSTRUCTIONS

Required Tools:

Plug drill and proper mixing paddle, 3"x8" trowel works best to apply, margin trowel, and a radius cove trowel - minimum of 3/4" but 1" is preferred.

1. Always apply in descending temperatures. Concrete is porous and traps air. In ascending temperatures (generally mornings) the air expands and can cause out gassing in the coating. It is safer to apply coatings in the late afternoon, especially for exterior applications.
2. Optimum ambient temperature should be between 65-90°F during application.
3. Pre-primer the area being coved with cannafloors primer / sealer
4. Mix the Pre-measured kit using above mixing instructions.
5. Use a minimum of a 3/4" radius cove trowel and finish cove base. Any smaller may result in a loss of the radius once the floor is tied in.
6. Carefully remove tape and finish rough edges.

CONCRETE PREPARATION

Before coating is applied concrete must be:

- Dry - No wet areas
- Clean - Contaminants removed
- Profiled - Surface etched
- Sound - All cracks and spoiled areas repaired

Mechanical preparation is the preferred method of preparing concrete coating application. Shot-blasting, diamond grinding, scarifying and scabbling are all acceptable methods.

TESTING

All surfaces are not the same. it is recommended that a sample area be done before the start of the project. The Test should be done on-site, using the proposed method by the assigned applicator to insure proper adhesion and color. a sample area should also be done on any existing coatings to determine if any contaminants exist or will occur.

WARRANTY

LIBERTY products are warranted for one year after date of application.

Please refer to the LIBERTY Limited Material warranty for additional clarification.

SAFETY

Consult LIBERTY COVE BASE RESIN safety data sheet. Avoid LIBERTY COVE BASE RESIN contact with skin. Some individuals may be allergic to Resin. Always wear protective gloves, eye wear and clothing.