

# Absolute Protective Coatings

## TECHNICAL DATA

### DESCRIPTION

WB 100FC is a unique low VOC water-based epoxy resin system for use as a concrete sealer, duster, or coating and as a top coat for epoxy coatings or stained concrete. VOC content: Trace VOC (less than 5 g/l).

WB 100FC is available in clear or colors and in gloss, satin, or matte finish.

WB 100FC is a usage proven product in a variety of applications such as Manufacturing plants, Restaurants, Warehouses, Garages, Kitchen Countertops and in commercial and industrial uses.

### TYPICAL APPLICATIONS

- ✓ Concrete sealer
- ✓ Concrete dust proofing
- ✓ Top coat for epoxy coatings
- ✓ Sealer/Coating for stained concrete
- ✓ Sealer for garage/decorative floor coatings

### FEATURES

- ✓ Can be applied to damp concrete
- ✓ Easy to mix with a "Jiffy" paddle/ Squirrel Mixer
- ✓ Low VOC
- ✓ Good UV color stability
- ✓ Hot tire pick up resistance
- ✓ Good stain and scuff resistance
- ✓ Protects against alkali and acid attack.
- ✓ Long pot life
- ✓ Rapid, easy application
- ✓ Tenacious adhesion
- ✓ Good penetration
- ✓ Low odor
- ✓ Gloss, satin, or matte finish

- ✓ High wear and abrasion resistance

All surfaces must be clean and sound. Surface laticency must be removed. Limitations: maximum thickness per coat is 10 mils-WFT.

### PROPERTIES

Pot life @ 70° F .....1 hour  
Initial Set Up Light Traffic.....8-12 hours @ 70° F  
Heavy Traffic.....24 hours @ 70° F  
Curing Temperature Limit.....50° F (minimum)  
Hot Tire Pick Up Resistance.....72 hours at 72° F  
VOC Content.....<20 g/L

### MIXING RATIO

**1 Resin "A": 1 Hardener "B" WB 100FC**

### RE-COAT WINDOW

2 - 24 hours. After 24 hours sanding may be necessary. Consult Absolute Protective Coatings

### COLORS AND FINISH OPTIONS

Available in all standard colors as well as clear. Finish options are Gloss, Satin, and Matte. Use Absolute Protective Coating WaterBased pigment.

### COVERAGE

250 - 400 square feet per gallon typical depending upon porosity of concrete and use. An additional coat may be required on porous concrete or wood.

### PACKAGING & YIELD

**1 quart kit = 62.5 - 100 sq ft**

Net Volume **WB100 FC 16 OZ**

Net Volume **WB100 FC 16 OZ**

**1 gal kit= 250-400 Sq ft**

Net Volume A: 1/2 gallon

Net Volume B: 1/2 gallon

## INSTALLATION GUIDELINES

### Pre-Coating CHECKLIST

1. All substrates shall be sound, solid and free from

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any loose or failing components. All surfaces must be free from dust, rust, scale, grease, oil, and other bond breaking contaminants.

2. All application equipment shall be in good operating condition.
3. Coating materials shall not be applied when the ambient air temperature or the surface temperature is outside the boundaries as stated on the product data sheets and application guidelines.
4. Keep material out of sun or hot areas prior to applying, as this may cause working time to be diminished and could cause poor appearance and/or adhesion.

## **SURFACE PREPARATION**

1. NOTE: For primer, sealer, and decorative coating applications.
2. Prepare surface by removing all surface contaminants, including sealers, oils, or other bond inhibiting substances by chemical cleaning, etching or diamond grinding.
3. Vacuum surface free of all dust and dirt.

## **MIXING AND INSTALLATION INSTRUCTIONS**

1. Pour A component into B component and mix thoroughly using a mechanical mixer for a minimum of 3 minutes.
2. For satin or matte finish, add gloss reduction additive to part B while under agitation and mix for one minute prior to adding part A.
3. (Can be thinned with water for thin film sealer or dust proofer). Consult Absolute Protective Coatings for instructions.
4. **When adding color pigment**, add to Part "B" and blend for 1 minute - then follow steps 1 - 3 as listed above

**PIGMENT:** Color pigment (tint) available from your local paint supply store (water based)

## **ROLLER APPLICATION**

1. Dip roller into container of mixed WB 100FC or pour and squeegee then back roll with approved Roller.

2. Roll onto substrate using high-quality, shed resistant, low-lint, 1/4" nap roller, in two directions to specified thickness. Be sure to apply a uniform thickness.

## **APPLICATION OVER EXISTING EPOXY COATING**

1. Clean coating of all dirt, grease, oil or other contaminants by washing with degreaser or soap.
2. Rinse well with fresh water and dry.
3. Sand with sand paper, or screen.
4. Remove dust by vacuum and tack cloth.
5. Apply WB -100FC at 3-10 mils WFT.

## **Follow ROLLER APPLICATION instructions CLEAN UP**

1. Clean tools immediately after use with WATER, dispose of wash water per local and state regulations.

**MATERIAL SAFETY DATA SHEETS** Material safety data sheets are available on request. It is strongly recommended that all persons involved in the handling of Absolute Protective Coatings products read SDS.

## **WARRANTY NOTICE**

Recommendations for product use are based on tests believed to be reliable. Field conditions vary widely. For this reason, the user must determine product suitability for the particular use and specific applications. Absolute Protective Coatings warrants this product will be free of manufacturing defects for a period of (6) six months from date of manufacture. Absolute Protective Coatings will, at its option, replace material or refund the purchase price of any material that does not conform to our standard specifications, if the discovery of non-compliance is made within (6) six months of delivery of material. Absolute Protective Coatings liability is limited to replacement of product. Absolute Protective Coatings assumes no liability for injury, loss or damage resulting from use of this product.

## **CORPORATE CONTACT**

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