



# ChemMasters®

## FinishCrete™

Resurfacing Compound  
For Block, Vertical,  
and Overhead Concrete

SPECIALTY CONSTRUCTION PRODUCTS

### P R O D U C T                      D A T A

#### DESCRIPTION

**FinishCrete** is a polymer modified, Portland cement based compound for rubbing and resurfacing masonry, vertical, or overhead concrete surfaces. **FinishCrete** has a smooth, rich texture for easy application and is specifically formulated to fill small voids and imperfections.

#### USES

- Restore old and pitted vertical and overhead concrete surfaces
- Fill voids, honeycombs and holes in poured in place walls, tilt-up walls, and masonry
- Repair concrete facings, walls, ceilings, beams, single and double tees and steps
- Repair surface damage due to shipping and assembly of precast members
- Fill voids, bug holes, narrow cracks, and surface imperfections
- Creates a uniform color and appearance

#### ADVANTAGES

- Superior bond and tensile strength even in very thin applications
- Excellent finishing characteristics to smooth rough walls and beams
- Allows water vapor transmission for durable finish without pop outs or blisters
- Restores the color and texture of damaged or stained older concrete
- Easy to apply by brush, roller or sprayer
- Easy to paint or recoat
- Reduces absorbency to coatings and paints
- Does not contain gypsum

#### Test Data

ASTM C109 Compressive Strength	5000 psi (34 MPa)
TT-P0035 Shore D Hardness	50 @ 21 days
Pot Life	30 minutes @ 70°F (20°C)
Application Temperature	40 to 90°F (4 to 32°C)
Full Cure	24 hrs

#### DIRECTIONS

**Surface Preparation:** Substrate must be clean and free of any form release agents, curing or sealing compounds, paint, oil, grease, or other contaminants that interfere with the adhesion of **FinishCrete**. Thoroughly wet substrate by fog spraying with potable water. Keep the surface moist throughout application. Remove any standing water.

**Mixing Liquid:** Mix each 40 lb (18.1kg) bag of **FinishCrete** with 1.5 to 2.0 gal (5.7 to 7.6L) mixing liquid. Most applications use potable water. When surfaces are very dense or slick use mixing liquid that is made up of 1 part water and 1 part **Cretelox** acrylic latex bonding agent. Use only as much mixing liquid required to obtain the desired consistency. Excess mixing liquid may cause drying shrinkage cracks. Mix only the amount of material that can be placed in 30 minutes.

Pour a measured amount of mixing liquid into clean mixing container. Gradually add **FinishCrete** to the liquid and blend with a heavy duty mechanical drill equipped with a jiffiler type blade. For best results, use a slow speed and keep blade below the surface of the mixture to avoid entraining air. Mix for 2 to 3 minutes until smooth and lump free. Rest **FinishCrete** for 8 to 10 minutes to thicken providing a mixture that will spread easily and hang well on vertical and overhead surfaces.

If the mixture appears too thick after resting blend a small amount of additional mixing liquid to produce the desired consistency. Do not re-temper after this final addition of mixing liquid.

#### Packaging Part Number

40 lb (18.1kg)	56 / pallet shrink wrapped	F2015.40
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#### TECHNICAL DATA

#### Estimating Coverage

40 lbs (18.1kg)	57 ft <sup>2</sup> at 1/8" thickness
Yield per bag	0.6ft <sup>3</sup> (0.017m <sup>3</sup> )



ChemMasters®

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**Application:** Apply when ambient and surface temperature will be at least 40°F (4°C) for 24 hours after application. When daytime temperatures will be above 90°F (32°C) cool the substrate with water and apply early in the morning or late in the afternoon when temperatures are at their lowest.

Apply using a sponge float, roller, brush, spray equipment, or trowel depending on the final desired finish. Begin by filling voids, honeycombs, and imperfections. Use adequate pressure to insure no air pockets or voids remain between substrate and **FinishCrete**. A squeegee can be used to remove excess material from the substrate.

After filling low areas apply a thin coat of **FinishCrete** to the entire surface creating a smooth uniform finish. A second coat may be applied after first coat has taken initial set but is not fully cured.

**Curing:** **FinishCrete** is self-curing and obtains full cure after 24 hours. Protect the surface from driving rain or water for the first 24 hours. Under extremes with high temperatures and low humidity or high wind occasionally fog spray with potable water during the curing cycle.

**Cleanup:** Clean tools and equipment immediately after use with water before material hardens. If material hardens mechanical removal is required.

**Storage:** Store unopened bags on pallets in cool dry area. Shelf life of properly stored material is 2 years from date of manufacture.

#### Limitations

- Do not apply to frozen, frost filled surfaces, or over standing water
- Do not use if the ambient or substrate temperature is below 40°F

#### Precautions:

**DANGER:** Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled.

**Precautionary Statements:** Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands and skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Use the most current version of the Product Data Sheet and Safety Data Sheet. Go to [www.chemmasters.net](http://www.chemmasters.net) or contact ChemMasters Technical Service department at 800-486-7866 to obtain the current version.

Proper application is the responsibility of the user. ChemMasters can only make technical recommendations and cannot provide quality control on the jobsite

**KEEP OUT OF REACH OF CHILDREN**

#### **This Product is Formulated and Labeled for Industrial and Commercial Use Only**

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT

We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.