



## **Technical Data Sheet**

## **CRP MICRO TOP**

**DESCRIPTION:** CRP MICRO TOP is a cementitious, single component product designed to be applied over CRP BASE COAT to achieve a uniform, smooth finish. CRP MICRO TOP is available in White or Gray. It is the perfect product to provide an ultra-smooth finish for floors, countertops and walls. CRP MICRO TOP is not to be applied at any thickness, but to fill in voids and defects in the surface prepared with CRP BASE COAT.

### **Typical Uses**

General concrete restoration and beautification of:

- Pre-Cast Concrete
- Smooth Finishes over CRP BASE COAT
- Walls/Floors/Countertops
- Day Spas/Labs/Cafes/Restaurants
- Venetian Plaster Techniques/Faux Finishes
- Surface Restorations
- Art Deco Finishes
- Industrial Floors
- Residential
- Clubs/Salons

CRP MICRO TOP is extremely versatile for many concrete resurfacing or repair projects.

### **ADVANTAGES:**

• Environmentally friendly and safe	• Flexibility
• Ready Mix Formula – Just add water	• Non-Toxic
• Superior Bonding Capabilities	• Water Resistant
• Extreme Climate Resistant	• Excellent Freeze/Thaw Resistant
• Does not re-emulsify	• Excellent for use as underlay for other coatings
• Easy to use	• Repairs & Resurface concrete cost effectively
• Fire resistant	• Can eliminate the need for replacing concrete
• Abrasion resistant	• Salt treatment resistant

### **SURFACE PREPARATION:**

Surfaces that are to be repaired or coated must be structurally sound. Surface damage such as delamination, cracks and spalls can typically be repaired. However, structural integrity is critical to the overall success of any coating or overlay. Remove any loose, soft or contaminated materials from the area that is to be repaired or resurfaced. Any existing coatings, sealers, curing agents, bond breakers, etc. must be removed from the surface providing direct contact with the original substrate to assure adhesion. Typical preparation methods may include scraping, water blasting, sand blasting, shot blasting, cleaning and degreasing. **NOTE: All expansion joints must be honored.** Clean, repair and honor all control joints and expansion joints during entire application process, or mark them for honoring for after application. Clean and treat all cracks and spalls in accordance with manufacturer's specifications.

### **MIXING:**

The amount of water required will depend upon the desired consistency and the repair or resurface requirements. Add 4 quarts of clean water to a container such as a 5 gallon pail and add 1 bag of CRP MICRO TOP to the water while agitating with a drill and jiffy mixer attachment. Add additional water while mixing if needed until the desired consistency is achieved. Allow material to sit for 5 minutes to allow water to saturate the fine aggregate. Add additional water as needed or when a flow able consistency is desired. For vertical or overhead repairs, a dry slump consistency is recommended (less water).

**APPLICATION:**

Apply CRP BASE COAT to surface per Concrete Restoration Products Specifications prior to CRP MICRO TOP application. Any structural repairs, crack treatments, floor repairs and deep fills should be completed prior to general resurfacing. CRP MICRO TOP can be applied by squeegee, spray, or trowel method. Substrate must first be dampened with fresh clean water when applying CRP MICRO TOP. Apply CRP MICRO TOP over CRP BASE COAT after it has thoroughly dried. Lightly dampen surface with water and apply CRP MICRO TOP mixture by squeegee or standard concrete trowels in multiple applications as needed until desired smoothness or finish is reached. After the CRP MICRO TOP has dried, the surface can be sanded with a dustless sanding machine to achieve a smooth uniform finish. Use CRP MICRO TOP to fill all minor scratches and/or surface irregularities as well as smooth the surface. CRP MICRO TOP is not designed to be built-up on the surface.

**REPAIRS / PATCHING:**

Any structural repairs, crack treatments, patches and deep fills should be completed prior to resurfacing or squeegee applications, do not perform repairs monolithically with resurfacing procedure.

**COVERAGE:**

(1) Bag of CRP MICRO TOP will typically cover 200 s.f. to 500 s.f. per coat depending on application. \*Coverage rates will vary, these are approximations only. Actual coverage rates will vary due to substrate conditions and technique of application.

<b>CURE TIME</b>	<b>72 Hours</b>	<b>ODOR</b>	<b>None</b>
<b>STORAGE</b>	<b>Store in dry place. Do not expose to moisture.</b>	<b>SPECIFIC GRAVITY</b>	<b>3.16</b>
<b>SHELF LIFE</b>	<b>5 Years when properly stored</b>	<b>PERCENT VOLATILES by VOLUME</b>	<b>0</b>
<b>PACKAGING</b>	<b>50 lb. Bags/ 50 per Pallet</b>	<b>APPEARANCE</b>	<b>Gray or White, in dry powder form.</b>

**CAUTION:**

Keep out of reach of children. Do not take internally. Always use safety gloves, appropriate eye protection, and appropriate OSHA/NIOSH approved respirator in areas with poor ventilation and when exposed to spray mist both indoors and outdoors. If ingested, seek medical attention immediately.

**LIMITATIONS**

Concrete Restoration Products are to be applied only when surface temperatures are above 55° F and rising and not to exceed 100°F. Concrete Restoration Products are not to be applied when precipitation is expected within a 24 hours following completion of application. Do not allow materials to freeze. Each Concrete Restoration Product acts as an inherent part of a proven system. Concrete Restoration Products are professional, contractor grade products. Training in these products is available. Consult Concrete Restoration Products for information and assistance locating approved contractors in your area or for training class dates.

**NOTE: Concrete Restoration Products believes this information to be true to the best of our knowledge and uniform within manufacturing tolerances. Since no control is exercised over product use, no warranty, expressed or implied is made as to the effect of such use and no liability is assumed directly or indirectly, from their use. Buyers and users are encouraged to conduct their own test prior to application.**

**WARRANTY:**

Concrete Restoration Products are warranted only when applied by Concrete Restoration Products Certified Applicators in accordance with Concrete Restorations Products specifications. No warranty applies to products applied over concrete substrates with a moisture vapor transmission exceeding (3 lbs.)/ (1,000 sf) of surface area. Concrete Restoration Products provides a 5 year warranty when products are applied by a certified applicator. To apply for warranty, refer to the Concrete Restoration Products Limited Warranty and form filing at [www.concreterestorationproducts.com](http://www.concreterestorationproducts.com)