**BMC® Breathable Masonry Coating II Protective Treatment Specification**

*Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information*

*Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.*

**Test Area**:Test a minimum 4 ft. by 4 ft. area on each type of masonry. Use the manufacturer’s application instructions. Let test area protective treatment cure before inspection. Keep test panels available for comparison throughout the protective treatment project.

*Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.*

**Manufacturer**: PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@prosoco.com

**Product Description**

Breathable Masonry Coating II is a silicone emulsion paint with the protective power of breathable water repellents specifically designed for use on masonry substrates. BMC II® lets water vapor escape from masonry, while stopping destructive liquid water from entering. The masonry's appearance is preserved, and its service life is prolonged. BMC II® dries to an attractive flat finish. Because its unique silicone emulsion formulation makes the coating more resistant to weathering (UV, moisture and soiling), BMC II® is more durable and lasting than most conventional paints.

**Typical Technical Data**

FORM: White viscous batter-like liquid with mild odor

SPECIFIC GRAVITY:

 1.41 White/Pastel Base

 1.38 Tint Base

1.28 Deep Base

1.22 Accent Base

pH: 9.0 to 10.0

WEIGHT/GALLON

 11.76 pounds White/Pastel Base

11.55 pounds Tint Base

10.66 pounds Deep Base

10.15 pounds Accent Base

PERCENT SOLIDS BY WEIGHT

 56 White/Pastel Base

 55 Tint Base

48 Deep Base

43 Accent Base

PERCENT SOLIDS BY VOLUME

 38 White/Pastel Base

 38 Tint Base

34 Deep Base

31 Accent Base

FLASH POINT: greater than 200 degrees F (greater than 93 degrees C) ASTM D 3278

FREEZE POINT: 32 degrees F (0 degrees C) Do not freeze.

SHELF LIFE: 1 year in tightly sealed, unopened container

VOC CONTENT: 100 grams per Liter, maximum. Complies with all known federal, state, and district AIM VOC standards.

**Limitations**

* Not for use on horizontal surfaces subject to vehicular or pedestrian traffic.
* Not suitable for application on some resin paints
* Manufacturer does not endorse use of organic colorants. Use of organic colorants for color matching may result in color fading.
* Specifically designed for use on masonry substrates.

*Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.*

**Application**

Before applying, read “Preparation” and “Safety Information” sections in the Manufacturer’s Product Data Sheet for BMC II®. Refer to the Product Data Sheet for additional information about application of BMC II®. Do not dilute or alter except for use in sprayers. The concentrate may need thinning with up to 5 percent fresh water, based on surface and drying conditions, and equipment.

**Tinting**

BMC II® is compatible with the CCE ColorCast Ecotoner colorant system for achieving predictable color matches. BMC II® is available in four different bases, allowing for the greatest range of colors. The bases, White/Pastel, Tint, Deep and Accent, are custom tinted by local distributors.

SPECIFIER NOTE: BMC II® from multiple containers must be mixed – or “boxed” – to ensure color uniformity.

**Application Instruction**

1. Apply a smooth, uniform coating, 7 wet mils thick. Work from the top down. Brush out runs or drips. Back roll spray applications for proper adhesion and good coating performance.
2. Let first coat dry 2 to 4 hours
3. Reapply. The second coat should be 4 mils thick.
4. Protect from rain for at least 6 hours or until coating is thoroughly dry. Coating dries completely in 48 hours.

**Cleanup**: clean equipment with warm water and mild detergents. Use solvent paint thinner to remove dried-on BMC II®.