

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.
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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. Call PROSOCO Customer Care toll free at 800-255-4255 for your local distributor or for additional information about BMC®.

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

Application Instruction

1. Mix tinted base coat well.
2. Use roller, brush or airless sprayer to 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.

3. Let first coat dry 2 to 4 hours
4. Reapply. The second coat should be 4 mils thick.
5. 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.