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NO. 010

BELLATRIX® Premium Concrete Enhancer

JUNE 2013
(Supersedes February 2009)

DESCRIPTION

BELLATRIX is formulated using dual-protection technology combined with unique hybrid polymers to offer the ultimate in concrete protection. Proprietary, dual-action technology provides the ultimate in both penetrating and film-forming concrete protection. BELLATRIX offers environmentally friendly, VOC-compliant protection, which provides increased stain suspension and resistance against most contaminants found in kitchens, retail food stores, restaurants, malls, garages, warehouses, distribution centers, etc.

USES

While originally formulated to be used in conjunction with hardened concrete floor systems, such as LIQUI-HARD® and the INDUROSHINE™ polished concrete system from W. R. MEADOWS, BELLATRIX may also be utilized anywhere a clear, high-gloss, dual-action concrete protection system is desired. BELLATRIX is designed for use on previously sealed surfaces, as well as surfaces that have been previously stained or dyed and sealed. (Check compatibility with existing sealer prior to full application.)

FEATURES/BENEFITS

- Breathable film allows moisture in cured concrete to evaporate.
- Offers stain protection against many common stain-causing contaminants.
- Produces a tough, uniform, breathable barrier for improved durability.
- Dustproofs concrete.
- Provides excellent blush resistance in damp environments.
- Applies easily and economically.
- VOC-compliant.
- Protects the finish when used on polished concrete.
- For both indoor and outdoor use.
- Rejuvenates previously sealed or densified concrete.
- Perfect for use over acrylic sealers.

PACKAGING

1 Gallon (3.79 Liter) Units/4 per Carton
5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums

COVERAGE

500 – 1000 ft.²/gal. (12.27 – 24.54 m²/L)
Steel Troweled Concrete: 500-600 ft.² (12.27-14.73 m²)
Polished Concrete: 1000-1500 ft.² (24.54-36.81 m²)
Coverage will vary due to texture, porosity, and condition of the concrete.

SHELF LIFE

When stored indoors and in original, unopened containers at temperatures between 40 - 90° F (4 - 32° C), shelf life is a minimum of two years from date of manufacture.

SPECIFICATIONS

- Tested per ASTM D1308.
- Complies with all current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, LADCO, SCAQMD, and OTC.
- Complies with Canada VOC Concentration Limits for Architectural Coatings Regulations

TECHNICAL DATA

The following results were obtained under laboratory conditions:

Color (Wet):	Milky White
Color (Dried):	Clear/Transparent
Weight per Gallon, lb./gal:	8.46
pH:	7.31
Drying Time @ 73° F, 50% RH	1-2 hours*
Re-coat Time:	2-6 hours
Foot Traffic:	4-6 hours
Wheel Traffic:	6-12 hours
Adhesion to Concrete:	Excellent
Chalk Resistance:	No chalking
Check/Peel Resistance:	No deterioration

All technical data is typical information, and may vary due to test methods, conditions and operator technique.

*Low concrete or air temperatures and/or high relative humidity will extend drying times.

STAIN BLOCKING

BELLATRIX is formulated to provide a reasonable amount of time for cleanup and removal of spills. Prior to that removal, BELLATRIX will provide a barrier to the following contaminants:

Evaluation Scale: E = Excellent, VG = Very Good, G = Good, F = Fair, P = Poor