

FloroCryl MMA GRB1 Primer MMA Flooring Component

Product Description: FloroCryl GRB1 Primer is a low viscosity methyl methacrylate resin intended for use as the chemical and abrasion resistant Primer for interior and exterior applications. Typical spread rates range from 10 to 16 mils per application. FloroCryl GRB1 Primer is available in clear but may be field tinted using 100% colorants.

Typical Uses, Applications:

- Primer for FloroCryl MMA Flooring Systems (except FloroCryl Stain systems)

Product Advantages:

- Clear or Pigmented Silk Matt Finish
- Rapid Cure Time
- 100% Reactive
- Low Viscosity
- Superior Bond Strength
- Chemical Resistant
- Interior and Exterior Use

Packaging:

- 5 gallon pail

Storage: All containers should be stored below 95° F and should be kept tightly sealed and out of direct sunlight.

Note: If material is stored between 75° F and 95° F place the material into a cooler environment at least 24 hours prior to usage. Using warm Methyl Methacrylate will shorten the working time.

Coverage: Apply FloroCryl GRB1 Primer at a minimum of 160 sf/gal over a properly prepped substrate to achieve a coating of 10 mils. Apply FloroCryl GRB1 Primer at 100 sf/gal over a properly prepped substrate to achieve a coating of 16 mils.

Surface Preparation: New concrete must have a 28 day cure, and preferably a broom swept finish, prior to coating. In case of older concrete flooring, remove all surface oils, paint, dust and debris. Prior to coating, make sure the surface is clean, passes

the MVT test and the water drop test and that all surface defects have been repaired. Refer to the Florock "Preparation of Concrete" datasheet for more information on preparation and MVT before proceeding.

Note: Surface defects, such as spalls and cracks, shall be repaired before proceeding. Bond tests shall be conducted to determine the adequacy of substrate preparation. Contact your Florock representative for more information.

Physical Characteristics	
Property	Value
Percent Reactive	100%
Pot Life @ 68 F	15-20 minutes
Cure & Recoat Time @ 68 F	30-45 minutes
Tensile Modulus, ASTM D638	400,000 psi
Tensile Strength, ASTM D638	3,850 psi
Density, ASTM D792	8.40 lb/gal
Water Absorption, ASTM D570	0.04%
Coefficient of thermal expansion, ASTM D696	0.000035 in/in/F
Flexural Modulus, ASTM D790	470,000 psi
Shore Hardness, ASTM D2240	80
Shelf Life	6 months
Taber Abrasion Resistance, ASTM D4060	54

Application: Premix GRB1 and pour 2.5 gallons into the batch pail. Add the appropriate amount of catalyst (see catalyst technical data sheet) and remix. If colorant is needed, add 100% colorant at this point. Once mixing is complete, immediately transfer the product onto a properly prepped substrate. Spread using a notched trowel or squeegee at a rate of 100-160sf per gallon. Back roll using a high quality 3/8" nap phenolic core roller.

Note: GRB1 should not be used in a clear system where UV stability is needed. Use GRSB for clear systems when UV stability is needed

Note: FloroCryl GRB1Primer is cured with FloroCryl MMA Catalyst. In some cold temperature applications, an accelerator is used in addition to the catalyst. Refer to the FloroCryl MMA Catalyst technical data sheet for more details.

Note: GRB1 is not a stand alone product and must be topcoated.

Caution:

FloroCryl is a flammable liquid having a flash point of 50° F. Smoking, open flames and sparks should not be permitted during the handling of the product. Use only as directed. Keep out of reach of children. Please read the material safety data before using this product.

Disclaimer:

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