

FloroCryl M Membrane MMA Flooring Component

Product Description: FloroCryl M Membrane is a higher viscosity, elasticized methyl methacrylate resin used for creating a flexible membrane. FloroCryl M is also suitable for filling expansion joints and is suitable for use under all FloroCryl Flooring Systems.

Typical Uses, Applications:

- New and Existing Surfaces
- Joint or Crack Filler
- Shock Absorber
- Energy Displacement
- Waterproof Membrane for Decks

Product Advantages:

- Rapid Cure Time
- 100% Reactive
- Chemical Resistant
- Flexible in Freezing Conditions

Packaging:

- 5 gallon pail

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

Note: If material is stored between 75^o F and 95^o 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 M Membrane at 40 ft²/gal to achieve a thickness of 40 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 @ 70 F	15-20 minutes
Cure & Recoat Time @ 70 F	40-60 minutes
Tensile Strength, ASTM D638	750 psi
Density, ASTM D792	8.17 lb/gal
Water Absorption, ASTM D570	0.04%
Compressive Strength, ASTM D695	3,000 psi
Shelf Life	6 months
Flexural Strength, ASTM C580 MOD	1,500 psi

Application: FloroCryl M Membrane is cured with FloroCryl RC 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. Mix FloroCryl M Membrane and pour 2.5 gallons into the batch pail. Catalyze and then dump out pail contents onto the primed substrate and apply at 40 ft²/gal using a notched squeegee; back roll using a pin roller. Seal the membrane with the chosen FloroCryl system.

Drain Treatment:

After FloroCryl MMA primer has cured, apply FloroCryl M Membrane resin to the floor area around the drains at a thickness of 20 mils. While the membrane resin is still wet, install a fiberglass mesh into the resin. When cured, apply a second coat of membrane resin at a

thickness of 20 mils, sufficient to encapsulate the fiberglass mesh, then proceed with the chosen FloroCryl system.

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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