



Factor II, Incorporated

Inventing and Innovating...
(Information: 1.928.537.8387)
ONLINE ORDERING www.factor2.com

PRODUCT INFORMATION

MM-100

EPOXY SURFACE COAT

MM-100 is an excellent, general purpose, white epoxy system engineered primarily for use as a surface coat for plastic faced gypsum molds and epoxy laminates. The Epoxy Surface Coat is noted for its ease of application and its ability to hang on vertical surfaces without sag or runoff.

The versatility of this room temperature cure system provides a wide range of applications with heat resistance properties up to 200°F. For longer mold life and multiple castings recommended temperature is 175°F.

TYPICAL PROPERTIES AS SUPPLIED:

Color mixed

Part AWhite

Part BAmber

Mixing Ratio10:8 By weight

Cure Time @ 75°F.....8-12 hours

Pot Life @ room temp.....15-20 min

Complete Cure Max. Properties24 hours

Hardness (Shore D) @ 75°F.....90

Viscosity, Mixed

(cps) @ 77°F(25°C).....70,000

PRODUCT SUGGESTIONS AND DIRECTIONS:

1. Properly prepare model or pattern surface by spraying a light coat of epoxy parafilm.
2. After mixing 100 parts A to 8 parts B by weight, this creamy white epoxy can be easily spread to an even consistency approximately 1/8" thick, taking care not to entrap air.
3. Allowing the 1st. coat to set approximately 15 minutes (when surface coat reaches a tack free stage resin will not stick to your finger when touched) a second coat of catalyzed epoxy is spread onto the 1st. to an even consistency also approximately 1/8" thick.
4. A Mix of high quality dental stone is poured directly onto the 2nd layer of wet surface coat. This gypsum will bond to the epoxy creating an epoxy faced gypsum mold.

Note: When using a gypsum backed mold, we do not recommend temperatures over 175°F.

NOTE: Epoxy, polyurethane or almost any rigid mold making material can be applied to the tacky layer of MM-100 to fabricate a mold faced with white epoxy surface coat. A-505 Epoxy Parfilm is an excellent release for MM-100 Epoxy Surface Coat.

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction.

Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

Refer to Material Safety Data Information before using this product.



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