



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 A | White |
| Part B | Amber |
| Mixing Ratio | 10:8 By weight |
| Cure Time @ 75°F..... | 8-12 hours |
| Pot Life @ room temp..... | 15-20 min |
| Complete Cure Max. Properties | 24 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.



Factor II, Incorporated

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

PATENT WARNING:

Factor II Technology disclaims any expressed or implied warranty against the infringement of any patent. Factor II does not warrant that the use or sale of the products described herein will not infringe the claims of any U.S. patents or other country's patents covering the product itself or the use in combination with other products or in the operation of any process.

WARNINGS ABOUT PRODUCT SAFETY:

Factor II technology believes that the information and data contained herein is accurate and reliable; however, it is the user's responsibility to determine suitability and safety of use for these materials.

Factor II cannot know the specific requirements of each application and hereby makes the user aware that it has not tested or determined that these materials are suitable or safe for any application. It is the user's responsibility to adequately test and determine the safety and suitability for their application. Factor II makes no warranty concerning fitness for any use or purpose. There has been no testing done by Factor II to establish safety of use in any medical application. Factor II has tested this material only to determine if the product meets the applicable specification. When considering the use a Factor II product in a particular application, you should review the latest Material Safety Data Sheets and contact Factor II for any questions about product safety information you may have.

IT IS RECOMMENDED THAT THE PURCHASER THOROUGHLY TEST ANY APPLICATION PRIOR TO FULL SCALE PRODUCTION OR COMMERCIALIZATION. INFORMATION CONTAINED IN THIS TECHNICAL PROFILE SHOULD NOT BE TAKEN AS INDUCEMENT TO FRINGE ANY PATENT. FACTOR II WARRANTS ONLY THAT ITS PRODUCTS MEET ITS SPECIFICATIONS. THERE IS NO WARRANTY OF MERCHANTABILITY OF FITNESS FOR USE OR ANY OTHER WARRANTIES EXPRESS OR IMPLIED. FACTOR II MAKES NO GUARANTEE OF SATISFACTORY RESULTS

DISCLAIMER / STATEMENT OF LIABILITY:

This is to certify that the above designated material has been tested and did comply with the listed specifications (with listed exceptions) when supplied in original container. The material is subject to the conditions listed on the invoice. The above is a copy of information on file. The lot acceptance data are available for examination. This is a computer-generated document that is valid without a signature. The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document. Factor II is a distributor of this product not the manufacture. Factor II will warrant this product 6-months from the ship date, some restrictions apply.