



## Repro<sup>®</sup> Surface Coat Fast-Cast Urethane

### Description

Repro Surface Coat and Laminating System is a low cost, fast, and very accurate alternative to traditional epoxy fiberglass tooling. Although this tooling urethane is not designed to be used in high-temperature or high wear applications, Repro Surface Coat and Laminating Resin is the ideal material choice for many mold-making applications. Both materials are white in color, and offers low exotherm providing low shrinkage. This system is easy to use for people not experienced in constructing laminate tooling, will not get hot even in thick sections, and demolds in 3-4 hours versus 24 hours for epoxy systems.

### Physical Properties

Color (when mixed)	White
Mix Ratio (R:H, by weight or volume)	1:1
Viscosity (cps, mixed)	6,000
Gel Time (minutes @ 72°F.)	13
Demold Time (hours)	3-4
Hardness (Shore D) (ASTM 2240)	83-85
Specific Gravity, Mixed	1.90
Volumetric Yield (cu. in./ lb.) (ASTM D-792)	14.5

### Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
053189	Repro Surface Coat Gallon Unit	Gallon	20

Physical and mechanical properties of tooling plastics herein reported are typical after a full cure of seven (7) days at room temperature or equivalent. Designated mix ratios must be adhered to for desired results. The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

**READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT**

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