



## Freeman Fast Set 517 Epoxy Adhesive

### Description

Freeman Fast Set 517 is ideal for quick bonding and subsequent machining of RenShape Styling, Modeling, and Tooling Boards. This two-component epoxy adhesive features a one to one mix ratio, 15-20 minute gel time, and cures to a hardness of 80 Shore D in 3-4 Hours. Although specifically designed for bonding tooling boards, this product is an excellent adhesive for a wide variety of substrates such as metal, wood, ceramic, and fiberglass.

### Physical Properties

Color (when mixed)	Clear
Mix Ratio (by weight or volume)	1:1
Viscosity (cps, mixed)	14,000
Gel Time (minutes @ 77°F.)	15-20
Handling Time (minutes)	3-4 Hours
Hardness (Shore D)	80
Specific Gravity, Mixed	1.15
Service Temperature	-40°F to 200°F
Tensile Strength (psi)	2,500
Lap Shear Strength (psi)	2,550
C.T.E. (In/In/°F)	1.8x10 <sup>-5</sup>

### Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055365	Freeman Fast Set 517 Pint Kit	Pint	2
055366	Freeman Fast Set 517 Gallon Kit	Gallon	16
055369	Freeman Fast Set 517 5-Gallon Kit	5-Gallon	90

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**

Freeman Manufacturing & Supply Company | 1101 Moore Rd. | Avon, Ohio 44011 | 800-321-8511 | [www.freemansupply.com](http://www.freemansupply.com)