



## Freeman 706 General Purpose, PFP, Epoxy Surface Coat

### Description

Freeman 706 is a general purpose epoxy surface coat that cures in the presence of moisture. It is ideal in plastic faced plaster construction and in general-purpose composite tooling.

### Physical Properties

Color (when mixed)	Blue
Mix Ratio (R:H, by wt.)	100:14
Viscosity (cps, mixed)	15,000
Gel Time (min. @ 72°F.)	45
Demold Time (hrs.)	24
Hardness (Shore D) (ASTM 2240)	90
Specific Gravity, Mixed (ASTM D-792)	1.32
Volumetric Yield (cu. in./ lb.)	20.97
Compressive Strength (psi)	16,800
Tensile Strength (psi) (ASTM D-638)	5,100
Flexural Strength (psi)	7,000
Deflection Temperature (°F)	250

### Ordering Information

Item Number	Description	Size	Net Wt. Lbs.
055714	Freeman 706 Surface Coat Resin Only	Quart	2
055715	Freeman 706 Surface Coat Hardener Only	½-Pint	0.28
055703	Freeman 706 Surface Coat Resin Only	6-Quart	12
055716	Freeman 706 Surface Coat Hardener Only	6-½Pint	1.69
055717	Freeman 706 Surface Coat Resin Only	5-Gallon	45
055718	Freeman 706 Surface Coat Hardener Only	Gallon	6.3

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