



## Fre-Weld 5060 High Temp Epoxy Adhesive

### Description

Fre-Weld 5060 is an epoxy adhesive and patching material that is designed to be used with Freeman T-5060 Epoxy Tooling Board. This product offers excellent machinability for accurate detail, edge definition, and a fine surface finish as well as superior impact strength. This material can be used in applications where temperature reaches 285 F.

### Physical Properties

Color	Light Blue
Mix Ratio (by weight)	100:15
Viscosity, Mixed (cps)	Thixotropic Paste
Hardness (Shore D)	75
Density (g/cc)	0.95
Gel Time (minutes @ 72°F)	90-120
Light Handling Time (hours @ 72°F)	24*
Tg (°F)	302
Deflection Temperature (°F)	285
CTE (in/in/°F)	$19 \times 10^{-6}$
Shrinkage (in/in)	0.001

### \*IMPORTANT:

Material requires a heated post-cure after 24 hours at room temperature to realize its full strength characteristics and thermal capabilities. Please see the Freeman T-5060 technical data sheet for post cure instructions.

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.