

ProGlas F-2000 1:1 Structural Adhesive

100420007, 100420008, 100420009, 100420010, 100420011, 100420013



F-2000 Structural Adhesive

1:1

Description:

F-2000 Structural 5 min Adhesive Resin and hardener is an elite adhesive system that executes high quality results within a wide variety of materials including metal, composites, wood, concrete, many plastics and most hard surfaces. It is a two part adhesive resin and hardener system that is designed to provide quality results in adverse conditions; it is a waterproof system. F-2000 Structural Adhesive Resin will cure without shrinkage at any thickness and has a very fast gel/cure time.

General	
A/B Mix Ratio	1:1
Gel Time, minutes 100 grams	5
Shore D Hardness	85
Peak Exotherm	196F
Tensile Strength psi	10,600
Tensile Elongation %	2.5
Compressive Strength psi	14,900
Flexural Strength psi	17,400
Flexural Modulus psi	560
Izod Impact, ft-lb/in.	0.37
Dielectric Constant	4.06 –100hz
Dielectric Factor	0.022 –100hz
Volume Resistivity	2.7x10
Lap Shear Strength psi	
Aluminum, etched	2800
Aluminum, untreated	1400
Mild steel, blasted	1600
Adhesive Shear Strength	
Steel to concrete	>375, concrete fails in tension
Brookfield Viscosity cps Mix	1500
Density (lbs/gal):	
Resin (A)	9.64
Hardener (B)	8.18

The information herein is general information designed to assist customers in determining whether ProGlas products are suitable to their applications. ProGlas products are intended for sale to industrial and commercial customers. We require customers to inspect and test our products before use and to satisfy themselves as to contents and suitability for their specific applications. **Nothing herein constitute any warranty express or implied, including any warranty of merchantability or fitness for a particular purpose**, nor is any protection from any law or patent to be inferred. The exclusive remedy for all proven claims is limited to replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

Fiberlay Inc. - 24 S Idaho St Seattle WA, 98134 (800)942-0660

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Handling & Storage

All epoxy Resin/ Curing Agents, should be kept in tightly closed containers in a cool, dry place. Product will absorb moisture and carbon dioxide which may affect viscosity or create foaming when reacted with Resin/Curing Agents. This product will have a minimum shelf life of one year if properly stored in unopened containers.

To ensure maximum stability and maintain optimum resin properties, resins should be stored in closed containers at temperatures below 75°F and away from heat sources and sunlight. All storage areas and containers should conform to local fire and building codes. Inventory levels should be kept to a reasonable min with first-in, first-out stock rotation.

Safety

Read and understand the Material Safety Data Sheet before working with this product

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