

## ProGlas F-2400 1:1 Structural Adhesive

100420107, 100420108, 100420109, 100420110, 100420111, 100420113



# 1:1

### Description:

F-2400 Structural 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 non-brittle, waterproof system. F-2400 Structural Adhesive Resin will cure without shrinkage at any thickness.

F-2400 Structural Adhesive is golden in color and cures to a clear coat when polished/varnished. It exhibits outstanding adhesion and performance on a wide spectrum of materials. Working time is approximately an hour with tack-free in 6 hours.

General	
A/B Mix Ratio	1:1
Gel Time, minutes 100 grams	40
Thin film set time @ 77F hours	6
Shore D Hardness	89
Tensile Strength psi	5,850
Tensile Modulus psi	315,000
Elongation at break %	7.02
Flexural Strength psi	9,630
Flexural Modulus psi	308,700
Izod Impact, ft-lb/in.	12.6
Bond Strength psi	
Mild steel to mild steel	1370
Aluminum to aluminum	1200
Galvanized steel to galv. steel	1500
Brookfield Viscosity cps mix	2200
Density (lbs/gal):	
Resin (A)	9.64
Hardener (B)	8.05
VOC (grams/liter)	0

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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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