

## Pro Glas 1200 UV EPOXY



# 2:1

### Description:

Pro Glas1200 is an extremely clear, tough, high gloss UV epoxy resin. 1200 has been formulated for improved UV resistance to reduce yellowing and surface degradation from UV exposure. 1200 has three hardeners, fast, medium and slow. Not recommended in freezing climates due to possibility of de-lamination.

### Uses:

- Surfboard repair/manufacturing
- Wood boat construction
- General Purpose system easy mix 2:1
- Composite Parts
- Used to manufacture glues and compounds

### TYPICAL PROPERTIES 100:50 volume

#### Uncured Curing Agent

#### MEDIUM

Mix ratio, ProGlas 1200 series	100A:50B
Gel Time 77° F	35-45 minutes
Thin Film Set Time / Hour	5

#### Handling Properties at 77 °F

Viscosity,	530 cps
Pot Life at 77 °F 150grams	40 minutes

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#### Cured Resin<sup>1</sup>

#### PROGLAS 1200 MED

<u>Test</u>	<u>Value</u>
Durometer Hardness 2hr @ 60 C	82 +/- 3
Tensile strength, psi	7700
Flexural strength, psi	12,200
Flexural modulus	400,848
Tensile Elongation %	4.5
VOC (grams/liter)	0
Density Mixed (lbs/gal)	9.15

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## Pro Glas 1200 UV EPOXY

### 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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