

## ProGlas 1100 UV EPOXY



# 1100 UV Epoxy 1:1

### Description:

1100 is an extremely clear, tough, high gloss UV epoxy coating formulated to produce a deep glass like appearance in a single layer on a sealed surface. Typically used in Table Top applications (1100T). Two or more layers are often applied for added depth and protection. 1100 has been formulated for improved UV resistance to reduce yellowing and surface degradation from UV exposure. 1100 has an extended "open time" which allows up to 50 minutes in the mixing container at 70° F and up to one hour working time on the surface being coated. Not recommended in freezing climates due to possibility of de-lamination.

### Uses:

- Table Top Applications
- Clear UV Coatings
- UV Epoxy Putty Applications

### TYPICAL PROPERTIES 100:100 volume

#### Uncured Curing Agent

Mix ratio, ProGlas 1100 series	100:100
Gel Time 77° F	51 minutes
Thin Film Set Time / Hour	5

#### Handling Properties at 77 °F

Viscosity,	3500 cps (ProGlas 1100A) 1400 cps (ProGlas 1100B)
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Pot Life at 77 °F	51 minutes
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#### Cured Resin<sup>1</sup>

<u>Test</u>	<u>PROGLAS 1100 Value</u>
Durometer Hardness 2hr @ 60 C	78 +/- 3
Tensile strength, psi	3390
Tensile Modulus	261,500
Flexural strength, psi	6752
Flexural modulus	197,848
Tensile Elongation %	24
VOC (grams/liter)	0
Density (lbs/gal)	A- 9.64

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B- 8.05

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