

ProGlas 1000 EPOXY



1000 Epoxy 1:1

Description:

1000 is an extremely clear, tough, high gloss epoxy coating formulated to produce a deep glass like appearance in a single layer on a sealed surface. Typically used in Table Top applications. Two or more layers are often applied for added depth and protection. 1000 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 Coatings
- Epoxy Putty Applications

TYPICAL PROPERTIES 100:100 volume

Uncured Curing Agent

Mix ratio, ProGlas 1000 series	100:100
Gel Time 77° F	55 minutes
Thin Film Set Time / Hour	8

Handling Properties at 77 °F

Viscosity,	3500 cps (ProGlas 1000A) 1400 cps (ProGlas 1000B)
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Pot Life at 77 °F	51 minutes
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Cured Resin¹

<u>Test</u>	<u>PROGLAS 1000 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 B- 8.05

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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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