



PHILLYCLAD 1775/620TS – TECHNICAL BULLETIN #950B LAMINATING RESIN SYSTEM

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PRODUCT DESCRIPTION

PHILLYCLAD 1775/620TS is an excellent general purpose, nontoxic laminating resin system for FRP application requiring rapid and thorough wet out. Excellent for use as a thin laminate protective coating over steel or wood and fabrication of molded fiberglass structures or components.

APPLICATION INSTRUCTIONS

The application procedure is as described in Bulletin #970.

PHYSICAL PROPERTIES

COLOR	Clear amber
CURE TIME	24 hours @22°C (72°F)
% ELONGATION	30% - ASTM D-638
FLEXURAL MODULUS	8050 kg/cm ² (1.15 x 10 ⁵ psi) - ASTM D-790
FLEXURAL STRENGTH	366 kg/cm ² (5,200 psi) - ASTM D-790
MIXING RATIO	4:3 by Volume 4.67:3 by Weight
SPECIFIC GRAVITY	1.08
NETWEIGHT PER 3.8 LITER (1 GAL.) UNIT	4.1 kg. (9 lbs.)
PACKAGING	3.8 liters (1 gallon) Unit
POT LIFE	40 minutes @22°C (72°F) 3.8 liters (1 gallon) batch
SHELF LIFE	Two years
TENSILE STRENGTH	285 kg/cm ² (4,050 psi) - ASTM D-638
VISCOSITY	1,800-2,000 cps @22°C (72°F)

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