

Laminating Resin System

Technical Bulletin # 950B

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
NET WEIGHT 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)

Date

2/2007

General: Every reasonable effort is made to insure the technical information and recommendations on these data pages are true and accurate to the best of our knowledge at the date of issuance. However, this information is subject to change without notice. Prior versions of this publication are invalid with the release of this version. Products and information are intended for use by qualified applicators that have the required background, technical knowledge, and equipment to perform said tasks in a satisfactory manner. Consult your local distributor for product availability, additional product information, and technical support.

Warranty: ITW Polymer Technologies, a division of Illinois Tool Works Inc., warrants that its products meet their printed specifications. This is the sole warranty. This warranty expires one year after product shipment.

Warranty Claims: If any product fails to meet the above, ITW Polymer Technologies will, at its option, either replace the product or refund the purchase price. ITW Polymer Technologies will have no other liability for breach of warranty, negligence, or otherwise. All warranty claims must be made in writing within one year of the date of shipment. No other claims will be considered.

Disclaimer: ITW Polymer Technologies makes no other warranty, expressed or implied, and specifically disclaims any warranty of merchantability or fitness for a particular purpose.

Suggestions concerning the use of products are not warranties. The purchaser assumes the responsibility for determining suitability of products and appropriate use. ITW Polymer Technologies' sole liability, for breach of warranty, negligence or otherwise, shall be the replacement of product or refund of the purchase price, at ITW Polymer Technologies' election. Under no circumstances shall ITW Polymer Technologies be liable for any indirect, incidental or consequential damages.

Modification of Warranty: No distributor or sales representative has the authority to change the above provisions. No change in the above provisions will be valid unless in writing and signed by an officer or the Technical Director of ITW Polymer Technologies. No term of any purchase order shall serve to modify any provision of this document.

Mediation and Arbitration: If any dispute arises relating to products or product warranties, either the purchaser or ITW Polymer Technologies may a) initiate mediation under the then current Center for Public Resources (CPR) Model Procedure for Mediation of Business Disputes, or b) initiate a non-binding arbitration under the rules of the American Arbitration Association for the resolution of commercial disputes.

ITW POLYMER TECHNOLOGIES

130 Commerce Drive • Montgomeryville, PA 18936
Phone 215-855-8450 • Fax 215-855-4688 • www.chockfast.com

