

Technical Data Sheet



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Available sizes:

- Pint Kit
- Quart Kit
- Gallon Kit

FAMOWOOD® GLAZE COAT® HIGH BUILD EPOXY COATING

PRODUCT DESCRIPTION

FAMOWOOD® GLAZE COAT® HIGH BUILD EPOXY COATING is an ultra-clear, high gloss finish epoxy versatile enough to be used on just about any surface, either smooth or rough, stained or painted. This easy-to-use, 1:1 ratio is ideal for household and craft projects - just one pour equals 70 coats of varnish.

WHERE TO USE / APPLICATIONS

This ultra-clear, high gloss finishing epoxy is ideal for home improvement and craft projects.

- coat tables, clocks, game boards and furniture
- imbed coins, rocks, sea shells, flowers or any non-waxy material
- preserve pictures, photographs, posters, signs and ceramics

FEATURES AND BENEFITS

HIGH BUILD EPOXY – just one pour equals 70 coats of varnish

EASY TO USE – Easy 1:1 mixing ratio (by volume)

VERSATILE – may be used on any non-waxy material

SELF-LEVELING – minimal spreading and maintenance required

PHYSICAL PROPERTIES

Natural color:	Clear
Tensile strength:	450 psi
Tear strength:	200 psi
Shear strength:	200 psi
Compressive strength:	800 psi
Compressive strain:	75%
Elongation:	15%
Shore hardness:	85D
Solids content:	100%
Non-volatile content:	97%
Mixing ratio:	1 to 1 by volume
Pot life (working time):	30 minutes @ 70 °F / 21 °C
Tack free time:	12 hours @ 70 °F / 21 °C
Cure time:	72 hours (depending on temperature)
Weight/gallon:	Part A (Resin): 9.63 / Part B (Hardener): 7.93 @ 77 °F / 25 °C (ASTM D-1475)
Application temperature:	70 to 80 °F (21 – 27 °C)
Service temperature:	10 to 120 °F (-12 to 49 °C)
Storage temperature:	Do not store above 95 °F (35 °C); if materials are hot bring them to room temperature (77 °F / 25 °C) before mixing.
Food Grade:	Yes. Cured Glaze Coat provides a surface that is safe adjacent to serving or eating food. However, food should not be prepared or served with direct contact.
Shelf life:	2 years (unopened - in package)

Coverage (Based on 1/16" thickness)

Pint (0.47 L) Kit	4.5 sq ft (0.42 m ²)
Quart (0.95 L) Kit	9.0 sq ft (0.84 m ²)
Gallon (3.79 L) Kit	36.0 sq ft (3.34 m ²)



DIRECTIONS and APPLICATION NOTES

Preparation Before Mixing:

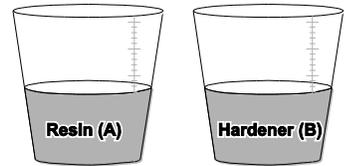
Surface must be dry, sanded and free from dirt, dust, grease, wax, or oil. Do not apply over damp or waxed surfaces.

Cover work area with waxed paper or equal. Elevate object to be coated on supports, i.e. paper cups. Be sure object is level. Have dust cover ready to use after pour. Wear protective gloves and clothing.

Measure / Mix / Pour:

Step 1: MEASURE

Pour equal parts each of resin and hardener into separate clean, unwaxed disposable paper or plastic cups or tubs. Mix **MUST** be a one-to-one ratio (by volume), meaning equal parts resin and hardener. If possible, use a calibrated container.



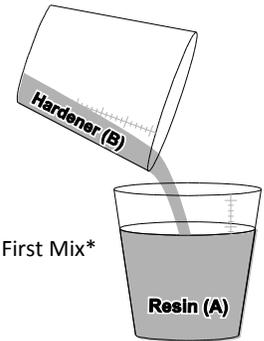
Measure*

Step 2: MIX

First mix: Pour the carefully measured Hardener (Side B) into the container with measured Resin (Side A) and thoroughly mix for six minutes. Mix with a stir stick using gentle, steady revolutions. With proper mixing, some air bubbles occur naturally and can be removed after the pour (see Step 4).

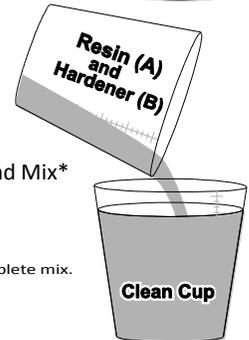
It is very important to scrape all sides and the bottom of the container with your stirring stick as you mix.

Second mix: Pour the Resin and Hardener from first mix into a clean mixing container and thoroughly mix for an additional six minutes.



First Mix*

* It is **EXTREMELY IMPORTANT** to follow Step 1 and Step 2 as described above. **DO NOT** allow mixture to sit (or it will harden), overheat and become hot to the touch.



Second Mix*

Mixing Time

1 st Cup – Hardener into Resin	6 minutes
2 nd Cup – Resin & Hardener into new clean container	6 minutes (or until mixed product equals 90° F)
<i>When the resin and hardener are first poured together, the initial mixture appears hazy.</i>	

← This step is very **IMPORTANT** to ensure a complete mix.

NOTE: If temperature is above 70 °F, working time decreases, lower temperatures increase working time.

Step 3: Pour

Pour Glaze Coat **IMMEDIATELY** onto the center of the surface to be covered. Do not allow it to “sit”. You have about 15-20 minutes working time before product begins to harden. Spread the mixture over the area with a plastic spreader, plastic squeegee, notched trowel or brush. If coating a large surface such as tables, bar tops, etc., a notched squeegee or trowel works well. Pour mixture on surface and spread evenly using a combing action in one direction over entire surface. Do not persist in re-spreading the mixture as it sets up, otherwise it will not self-level during the curing action.

Do not pour more than 1/8” thick in an application. Mix only as much as you can pour and spread at one time.



FAMOWOOD® GLAZE COAT®
HIGH BUILD EPOXY COATING

HEALTH and SAFETY

This product contains epoxy resin, nonyl phenol and allyl diamine resin. Before working with this product, read and become familiar with information concerning hazards, proper use and handling. SDS is available on line at: <http://eclecticproducts.com/downloads/sds-famowood-glaze-coat-english.pdf>; to request a hard copy of the SDS, please send an e-mail to msds@eclecticproducts.com or call 800.333.9826.

LIMITED WARRANTY

The product is warranted against any defect in materials or workmanship under normal use for a period of 180 days after the date of purchase. The product is also warranted under any implied warranties provided under applicable state law, including, without limitation, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, for a period of 180 days after the date of purchase. This warranty covers only the original buyer of the product. For warranty service, the buyer should contact the store where the product was purchased, or write Eclectic Products, Inc., P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.