
Technical Data Sheet



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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 – no measuring errors; easy 1:1 mixing ratio

VERSATILE – may be used on any non-waxy material

SELF-LEVELING – minimal spreading and maintenance required

SHELF LIFE – not applicable; duration of shelf life has no effect on product performance

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	85A
Solids content	100%
Non-volatile content	97%
Mixing ratio	1 to 1 volume
Pot life (working time)	15 minutes @ 70 °F / 21 °C
Tack free time	12 hours @ 70 °F / 21 °C
Cure time	72 hours (depending on temperature)
Weight/gallon	Part 1: 9.63 / Part B: 7.93 @ 77 °F / 25 °C (ASTM D-1475)

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DIRECTIONS and APPLICATION NOTES

Always test a small area before full use. For cartridges: clip nozzle tip and puncture cartridge inside nozzle to flow product. Cartridge gun is required.

- Step 1 Surface must be dry, sanded and free from dirt, dust, grease, wax, or oil. Do not apply over damp or waxed surfaces.
- Step 2 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.
- Step 3 Pour equal parts side A and side B (1:1 ratio) into clean, un-waxed disposable paper cup or tub. Mix only by with slow and consistent revolutions in order to minimize trapping excess air bubbles into mixture. Stir combined parts A and B with a folding-into-center motion for at least 3 minutes, occasionally scraping sides, bottom and cleaning stir stick off several times on mixing container. To prevent problems with inadequate mixing, we suggest using a "double cup" method of mixing. Have two mixing containers ready and begin mixing in the first clean mixing container. After one minute of mixing, transfer Glaze Coat® mixture into the second container and continue mixing for two more minutes. Inadequate mixing is the most common reason for imperfect results. Mix in small batches.
- Step 4 Once thoroughly mixed, pour Glaze Coat® on the center of the surface to be covered. Follow by spreading the mixture over the entire area with a plastic spreader or a stiff card.
- Step 5 Allow fresh pours to cure in a warm room (70 °F / 21° C). Place a cover at least 3" above coated surface area to protect from dust particles when drying. In 12 to 15 hours, drip points may be removed from the backside of the project with a light sanding.
Dust Free: 6 hours Handled: 24 hours Full Cure: 72 hours
*Cure time will vary with humidity and temperature.
- Step 6 Use acetone for tool cleanup. Caution: Always use plenty of soap and water to cleanse skin.
- Step 7 When the surface is still wet, air bubbles can easily be removed by gently blowing up and away. For larger areas we recommend using a small propane torch. *It is carbon dioxide, not heat which breaks up the bubbles.*

For technical assistance, call 800.767.4667.

Glaze Coat is heat resistant to approximately 120 °F / 49 °C after fully cured. Place some type of protection such as coasters or hot pads when placing hot objects on GLAZE COAT® surfaces.

FAMOWOOD® GLAZE COAT® is recommend for interior use only, and should not be used on hot surfaces such as ash trays or cookware.

When applying GLAZE COAT® to large surface areas such as bar tops and table tops, special attention to the mixing and application procedures are necessary due to the size of the application. Bar tops and table tops used for dining require special preparation. GLAZE COAT® is not recommended for floors.

- Use in well-ventilated area only. Avoid breathing vapors. Wear gloves and appropriate skin protection.
- Best when used between 70 and 85 °F (21 and 29 °C).
- DO NOT change ratio or add any solvents.
- Wood surfaces: since most woods are porous, seal the surface with a thin coating of GLAZE COAT® applied with a squeegee to help prevent air bubble from forming while the main pour is in process.

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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. MSDS is available on line at: eclecticproducts.com/msds/glazecoat_english_hardener_resin.pdf; to request a hard copy of the MSDS, 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 and service 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 71360 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.