



PRODUCT DATA SHEET

Craftsman Glaze Series

DESCRIPTION

The Craftsman Glaze Series is an oil-based formulation designed to accent and add dimension to a wood finishing system. These glazes have excellent workability and good open time allowing the finisher to work the glaze and create just the right effect. These glazes should always be applied over a coating i.e., seal coat, primer, or self-sealing topcoat that has been fully cured. For Wood Substrates Only. For Interior Use Only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
GL1000 Natural GL1200 White GL1300 Black GL1400 Van Dyke Brown GL1450 Raw Umber GL1700 Burnt Umber	<p> Viscosity: 45-60 #4 Ford Weight Solids: 50-52.56 % Volume Solids: 34.92-36.57 % Weight/Gallon: 8.8-9.09 lbs./gal Coverage: 560-586 sq. ft. per gallon at one mil dry film thickness. </p> <p> VOC (coating): 4.3-4.4 lbs./gl. or 520-527 g/l VOC (material): 4.3-4.4 lbs./gl. or 520-527 g/l VOC Ratio: 0.92-1.00 lbs. VOC/lbs. Solids HAPS Ratio: Zero lbs HAPS/lbs Solids </p> <p> Dry Times: Air Dry: at 78°, relative humidity 50%; To touch: 30 -45 minutes To Handle: 45-55 minutes To sand/recoat: Clean wipe: 1-2 hours Medium wipe: 2-4 hours Dirty wipe: Not recommended </p> <p> Relative humidity will affect the speed of drying. Ideal conditions are 75° or warmer at 50% humidity or less. Dry time will be faster at higher temperature and lower humidity and slower at colder temperature and higher humidity. </p> <p> Shelf Life: 24 months @77° F if unopened and stored in a cool dry area. Always rotate stock. Storage: Keep away from heat or sparks. </p> <p> <i>Note: These numbers represent actual control values on a smooth, sanded substrate. Spray techniques, texture, and sealing as well as film thickness may give different results on actual work, but they may be used for comparison. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</i> </p>	<p> Reduction: Thinning: No thinning is recommended. Retarder: If more open time is desired due to environmental conditions, use SOL-0010 (mineral spirits) at levels not to exceed 10 oz per gallon (8% by volume)** </p> <p> However, if any 844 colorants have been <u>used</u>, use SOL-0035 (aromatic 150) at levels not to exceed 5 oz per gallon (4% by volume)** 844 colorants are NOT compatible with mineral spirits. </p> <p> *Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning. **The addition of SOL-0010 or SOL-0035 may result in increased dry times. Make sure the glaze is <u>completely</u> dry before proceeding to the next step in your finishing process. </p> <p> Tinting: The GL1000 Base may be tinted with the following colorants: 824 (Preferred), 866, or 844 colorants Maximum tint load should not exceed 12.8 oz (10% by volume) 824's are preferred for open time and workability. Fill level: 116oz </p> <p> Approved Companion Products Chromaflo 824 colorants Chromaflo 866 colorants Chromaflo 844 colorants* </p> <p> *844 colorants are acceptable but have limited compatibility and may speed up dry time, and decrease workability </p>

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PRODUCT DATA SHEET GLXXXX GLAZE CONTINUED



Substrate preparation:

New wood: Remove any dirt, grease, glue or other contaminants. Moisture content of wood should be 7-9%.

New wood: Sand to 150-180 grit. Proper sanding of wood is absolutely critical to achieve the best color development and adhesion of the coating to the substrate.

Old wood: Strip old finishes completely and remove all contaminants from the surface. Make sure the surface is dry, sand as required. Finish as new work.



Mixing Instructions:

Mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed.



Application:

Glaze should always be applied over a coating that has been properly cured. Seal the substrate with a sealer, self seal topcoat, primer, or pigmented topcoat. Let dry and scuff sand per the PDS for the product you use. This glaze may be applied by rag, brush, or spray equipment. Apply evenly over the entire surface. Immediately remove the excess with a clean, lint free wiping cloth to the desired effect. This glaze may also be brush blended with a clean, natural bristle brush. Keep in mind, glazes are intended to highlight and add dimension to your piece. They are NOT intended to leave a significant amount of product or color on the surface. Due to the nature of glaze being a faux finish/decorative effect, the user needs to consider the durability needed for the end product. Applying a coat of glaze that is too heavy will likely cause adhesion failure and/or improper curing of the topcoat. This glaze must be topcoated. We always recommend that the glaze and last topcoat are applied within the same day (allowing for the correct amount of dry time as listed below).

Let dry per the following schedule before applying topcoat:

Clean wipe: 1-2 hours
Medium wipe: 2-4 hours
Dirty wipe: Not recommended

Dry time is directly affected by temperature, humidity, and the amount of glaze left on the surface. Ideal conditions are 75° or warmer at 50% humidity or less.

After the appropriate dry time, apply a washcoat (reduced topcoat) of your preferred topcoat system over the glaze. This allows for good *penetration* and promotes adhesion. Allow the washcoat to dry, scuff sand and apply the appropriate topcoat for the finish system you have chosen. We recommend to always prepare a sample with the intended finish schedule to determine if the finished product meets your durability requirements before finishing an entire job.

Danger! Rags, steel wool, or waste soaked with this product may spontaneously catch fire if improperly stored or discarded. Immediately after use, place rags, steel wool, and waste, in a sealed metal container filled with water.



Recommended Tip Sizes:

Conventional Air	1.3-1.8mm
HVLP	1.3-1.8mm



Precautions:

These products are intended for Professional use only. Do not proceed if you are planning on mixing with other finishing systems or other manufacturer's products. Gemini will not be held liable for finish failures due to the improper use of our products or deviation from our finishing recommendations.

Equipment:

All equipment used with this product must have plastic, stainless steel, or Teflon fluid passages and wetted parts

Clean Up:

Use SOL-0010 Mineral Spirits to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.