

NGR Dye Stain Base

DESCRIPTION

NG3000 is a clear spray stain base specifically designed to be tinted with Gemini's NG Dye Concentrates to make NGR and Sap Stains. It has an ideal evaporation rate for most situations and substrates and is very easy to use. This product is completely HAPs Free and is extremely low in VOC content. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
NG3000	<p>Viscosity: 13 #2 Zahn Weight Solids: 0 % Volume Solids: 0 % Weight/Gallon: 6.72 lbs./gal Coverage: sq. ft. per gallon at one mil dry film thickness.</p> <p>VOC(actual/material): 0.99 lbs./gl. or 119 g/l VOC(reg./coating): 7.51 lbs./gl. or 899 g/l VOC Ratio: 0.0 lbs. VOC/lbs. Solids HAPS Ratio: 0.0 lbs. HAPS/lbs. Solids</p> <p>Dry Times: Air Dry: at 78° F, relative humidity 50% To touch: 2-3 minutes To handle: 5 minutes To recoat: 10-15 minutes</p> <p>Relative humidity will affect the speed of drying. Ideal conditions are 75° F or warmer at 50% humidity or less. Dry time will be faster at higher temperatures and lower humidity and equally slower at colder temperatures 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>Tinting: NG3000 may be tinted up to 19 oz (15% by volume) with any combination of the NG Dye Concentrates. A typical formula for a medium to dark color however should usually not need to exceed 6-13 oz per gallon (5-10%).</p> <p>Thinning: This product is ready to use as packaged. No thinning is recommended.</p> <p>*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p> <p>Approved Companion Products Gemini NG Dye Concentrates</p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> ➤ Designed Specifically For Industrial Wood Shops ➤ Quick Recoat Time ➤ Tint To Any Custom Color Using Gemini's NG Dye Concentrates ➤ Creates A Smooth Even Color ➤ HAPs Free ➤ Low VOC 		

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PRODUCT DATA SHEET NG3000 CONTINUED



Substrate preparation:

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



Mixing Instructions:

Tint NG3000 to the desired color and mix thoroughly to ensure the colorant is fully incorporated. Mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed.



Application:

Always test the stain for color and appearance before starting a job. Intermix containers of the same color.

This stain is designed to be applied by spray only due to the fast dry time. Apply an even, medium wet coat. Do NOT apply "dry" coats as this will create a patchy appearance.

Typically we recommend a box coat consisting of one pass against the grain, and a second coat applied with the grain. This will create the best coverage for pieces with multidimensional surfaces such as 5 panel doors. Let dry a minimum of 10-15 minutes before applying a sealer or self-sealing topcoat system.



Recommended Tip Sizes:

Conventional Air	1.0-1.4 mm
HVLP	1.5-1.7 mm



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.

Containers:

All containers used in conjunction with storage and/or application of dye stains must be stainless steel, plastic, or lined.

Clean up:

Use SOL-0020 Acetone or SOL-0032 Zero VOC Lacquer Thinner to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.