



CRAFTSMAN COLLECTION 240 VOC WIPING STAIN

DESCRIPTION

Suited for all professional wood finishers, the Craftsman Collection brings low odor, easy wiping and designer colors together in one ready to use system. These stains do not bleed or fade, may be intermixed or reduced with CC2401 Base and adjusted with 824, 844 or 610 colorants, Gemini's Low VOC Stain Concentrates or Gemini's NG Series Dyes. For wood substrates only. For interior use only.

PRODUCT NUMBERS	PRODUCT PROPERTIES	PREPARATION INSTRUCTIONS
CC2401 Zero VOC Clear Base CC2402 Shaker Maple CC2403 Woodsmoke CC2404 Espresso CC2405 Spiced Walnut CC2406 Driftwood CC2407 Tobacco CC2408 Sandstone CC2410 Gunstock CC2413 Colonial CC2414 Toffee CC2415 Java CC2416 Hazelnut	<p>Viscosity: 13-15 #2 Zahn Weight Solids: 33.6-40.1% Volume Solids: 33.6-36.3% Weight/Gallon: 8.3-8.9 lbs./gal Coverage: 538.6-582.7 sq. ft. per gallon at one mil dry film thickness.</p> <p>CC401 Clear Base: Zero VOC Zero HAPs</p> <p>Packaged Colors VOC: (Regulatory/Coating): 0.57-1.5 lb./gl. or 67.96-185.3 g/l (Actual/Material): 0.2-0.58 lb./gl. or 24.7-69 g/l VOC Ratio: 0.07-.19 lb. VOC/lb. Solids HAPS Ratio: 0.0-.05 lb. HAPS/lb. Solids</p> <p>Dry Times: Air Dry: at 78° F, relative humidity 50% To recoat: 60 minutes minimum.</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.</p> <p>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 the Clear Base*: CC2401 may be tinted with the following colorants: 610, 844, 824 and/or SC-020X Stain Concentrates (Preferred), Gemini NG Dye Concentrates.</p> <p>Maximum tint load should not exceed 23 oz. per gal. (18% by volume).</p> <p>824's or SC-020X Stain Concentrates are preferred for open time and workability. NG Dye levels should not exceed 6 oz. per gal (5% by volume). The total of all colorants added should never exceed 23 oz. per gal. (18% by volume)</p> <p>Note: Dye concentrates are usually added in very small amounts to make the stain darker and richer to achieve the final desired color. Workability will be affected when dye concentrates are added to a wiping stain. Adding <i>too much dye</i> will cause the dye to separate and kick out.</p> <p>Tinting the packaged colors*: Due to the wide range of colors, caution should be taken when adjusting packaged colors to prevent color float or settling of excessive pigment loads. Consult your sales representative or Gemini Customer Service for guidance.</p> <p>*Care should be taken to ensure compliance with federal and local VOC regulations when tinting or otherwise adjusting this product.</p> <p>Thinning: This product is ready to use as packaged. No thinning is recommended.</p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> ➤ Virtually HAP's Free ➤ Low VOC ➤ Easy Wiping Formula ➤ Low Odor ➤ Fast Recoat Time ➤ Tintable with Stain Concentrates, NG Series Dyes, 610, 824 or 844 colorants ➤ Fade Resistant ➤ Modern and Contemporary Designer Color Selection 		

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PRODUCT DATA SHEET – 240 VOC CRAFTSMAN COLLECTION – 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: If tinting the clear base, tint CC2401 to desired color and mix thoroughly with mechanical agitation to ensure the colorant is fully incorporated. After tinting, mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed.

For short filled containers of CC2401 maximum tint capacity is 10 oz per gallon. If making a formula from scratch in a separate container, maximum tint load is 23 oz per gallon (18 %) by volume.

Stains should always be agitated before and during use to ensure color consistency and to minimize settling of pigment. Multiple containers of a single color should be “boxed” together to ensure color consistency.



Application: Always test the stain for color and appearance before starting a job. Intermix (box) containers of the same color. This stain may be applied by spray, brush, or cloth rag. When spraying, adjust the air pressure as low as possible, typically 12-15 psi. If the air pressure is set too high, it may cause the stain to dry prematurely. Apply an even wet coat. Let sit 1-2 minutes. While the stain is still wet, remove the excess with a clean, lint free cloth by working the stain into the wood with a circular motion. Finish by wiping the surface clean, *with* the grain of the wood. Color depth will vary depending on how the wood is sanded, and how long the stain is left on the surface before wiping. Wiping the stain too soon will result in a lighter color. For best results, allow the same amount of dwell time on each piece you are staining. After 60 minutes minimum dry time, finish with an approved Gemini coating system. Always test your stain system on a sample or scrap piece of wood before beginning job to assure the color is correct.

Important: Do not leave this stain on the surface without wiping! Leaving an excessive amount of stain on the surface may lead to adhesion failure or affect the curing of the topcoat system.

Apply to unfinished wood only. Applying over a sealed or finished surface may lead to adhesion failure.



Recommended Tip Sizes:

Conventional Air	1.0-1.4mm
HVLP	1.3-1.8mm
Airless	0.011 – 0.013



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

Clean up: Use SOL-0020 Acetone, or SOL-9032 Zero VOC Lacquer Thinner to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.