



### Craftsman Collection Floor Finish System

#### DESCRIPTION

A quick dry alternative to traditional Oil Modified Urethanes (OMU), this waterbased hybrid floor finishing system offers all the benefits of an Oil Modified Urethane in a zero HAPs and virtually VOC free system. Perfect for use on all interior wood flooring applications, this system offers maximum environmentally friendly benefits when used over Gemini's Craftsman Collection Waterbased Stains.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
CCFS-0001 Sealer CCFF-0090 Gloss CCFF-0060 Semi-Gloss CCFF-0030 Satin CCFF-0010 Flat	<p><b>Viscosity:</b> 15-20 Seconds #2 Zahn  <b>Weight Solids:</b> 27 %  <b>Volume Solids:</b> 25 %  <b>Weight/Gallon:</b> 8.4-8.7 lbs./gal  <b>Coverage:</b> Coverage will vary depending upon the specie and condition of flooring.</p> <p><b>SEALER VOC and HAPS:</b></p> <p><b>VOC (material):</b> 0.74 lbs./gl. or 89.01 g/l  <b>VOC (coating):</b> 0.743 lbs./gl. or 89.01 g/l  <b>HAPS Ratio:</b> 0 lbs./gallon</p> <p><b>FINISH VOC and HAPS:</b></p> <p><b>VOC (material):</b> 0.81 lbs./gl. or 96.7 g/l  <b>VOC (coating):</b> 2.88 lbs./gl. or 345-355 g/l  <b>HAPS Ratio:</b> 0 lbs./gallon</p> <p><b>Dry Times:</b>  <b>Air Dry:</b> at 78°, relative humidity 50%:            2 Hours for Dry to Touch*            5 Hours for Recoating*</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 temperatures and lower humidity and equally slower at colder temperatures and higher humidities.</p> <p><b>Shelf Life:</b> 12 months @77° F if unopened and stored in a cool dry area. Always rotate stock.</p> <p><b>Storage:</b> Keep away from heat or sparks.</p> <p><b>PROTECT FROM FREEZING</b></p>	<p><b>Reduction:</b>  <b>Thinning:</b> Reduction is not necessary for application.</p> <p><b>Retarder:</b> If slowing the dry time of the system is indicated, consult your Gemini Coatings sales representative for recommendations.*</p> <p><b>Note:</b> Effective dry times will be lengthened if retarder is added</p> <p>*Adding solvents or water to this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p> <p><b>Approved Companion Products:</b>  <b>CCW Series Waterbased Wiping Stains</b></p> <p><i>Note: These numbers represent actual control values on a smooth, sanded substrate. Application 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>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> <li>➤ More Durable than OMU</li> <li>➤ Zero HAPs</li> <li>➤ Virtually Zero VOC</li> <li>➤ Fast Dry Time</li> <li>➤ Fast Cure Time</li> <li>➤ Less Yellowing than OMU</li> </ul>		

November 17<sup>th</sup>, 2016

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## PRODUCT DATA SHEET CC FLOOR FINISH SYSTEM CONTINUED



### **Substrate preparation:**

Sand floors using accepted NWFA/MFMA procedures. All old finish must be removed. A NIOSH approved dust mask should be worn during sanding. Finish sanding with a new 120-grit screen. **DO NOT USE STEEL WOOL.** Vacuum entire area thoroughly and remove residual dust and particles with a clean, dry microfiber mop until all dust has been removed.



### **Mixing Instructions:**

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



### **Application:**

Always maintain adequate ventilation during all phases of the coating and drying process. Measure and record moisture content of the floor in several areas. Edge out about 6 inches from baseboard or wall with a paint pad or polyester brush. Stay within 2- 3 feet of the finish line to avoid lap marks, streaking or thicker film build. Be sure to feather the edge.

Starting about one foot from the head wall, pour a 4-inch wide line of finish the length of the floor going with the grain. Stop about three feet from the opposite wall. As close to the wall as possible, hold the applicator at a slight angle and drag it in a "squeegee" or "plowing" motion to move the puddle from one side of the room to the other. Overlap two inches of the last pass and pull parallel passes until the entire floor is coated. Brush out all turns, stops, and other applicator marks brushing in the direction of the grain of the wood. Feather out turns with a painters pad after the T-bar has made the turn.

Add finish to the puddle-line when needed to maintain a wet edge across the room. When 2-3 feet from exiting wall, begin to taper the puddle-line down to a nickel size bead. Back out of the room by wetting small sections of the remaining floor, brushing away from you in the same direction as the grain of the wood. Allow each coat up to 2 hours to level and dry. After finish levels, place fans in an adjacent area to pull moisture away from the floor. When each coat has dried a minimum of 2-3 hours, re-measure moisture content. If moisture content is not equal to the first reading, allow more dry time before proceeding to the next coat.

If necessary, abrade between coats to remove debris, hair, drips, etc. or if the 24-hour window between coats has elapsed. Abrade with the pad and strip system, using 180-240 grit sanding strips. Vacuum and tack with the microfiber mop in between coats. Apply all subsequent coats in the same manner.



### **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:**

Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

**Care and cleaning of this finish:** Use a mild dishwashing liquid and a damp cloth to remove food, grease, and other residue. Wipe dry. Do not use cleaners that contain ammonia, bleach, or abrasives as this may damage the finish.