



## Recommended Re-finish Application Process 100% UV or Waterborne UV Material

### Floor Preparation

Sand all wood floor areas for refinishing to bare wood. 220 is a grit that will create better bond than higher grits (300 and up) which will decrease the mechanical bond. Finer the grit creates a greater potential poor adhesion.

Then degrease the floor (with a high flash solvent or cleaner that leaves zero residues) and ensure it is dry and clear of all dust, oils, contaminants and debris before applying the **Adhesion Promoter/Sealer – UV Cure Hardwood Floor product**. This will aid in application and the overall quality of the finish and increase the mechanical bond to materials applied in next steps. **DO NOT SAND AFTER THE UV SEALER PRODUCT IS APPLIED.**

### Step 1.

Make sure the room is well ventilated, with good air circulation, has low humidity and ideally as close to 75F as possible. If conditions are other than ideal humidity or temperature, please accommodate by allowing for increased dry times. Using the **Heavyweight T-Bar** (50070) and floor coater, **Woven** (500072) or **Nylfoam** (500073) liberally apply the **Adhesion Promoter/Sealer – UV Cure Hardwood Floor product**. Work toward room exit covering over all seams and joints with long smooth strokes. A thin uniform coat is all that is required as thick coats increase dry time and may not cure evenly while creating the potential of reduced inter-cohesion of materials. Less is more. **Use of the UV Dryer is not needed for this step as the UV is not introduced until the next UV curable material is placed on top.**

Allow to air-dry, make sure there are no tacky or glossy areas. Non dried areas can cause uneven blemishes in builder or Topcoat application. Floor should feel dry to the touch. Estimated 15 to 30 min in normal conditions.

### Step 2

The **100% UV Topcoat or Waterborne UV Topcoat** is applied next. After applying the builder or Topcoat the UV curing step (step 3) dries Both products and are cured simultaneously which results in a much stronger chemical bond between them. Sanding between coats (builder to topcoat) is required at this point with a 220 grit abrasive.

The application process UV Builder or Finish Topcoats is much the same as the **Adhesion Promoter/Sealer – UV Cure Hardwood Floor product**. Pour onto floor and using your choice of T-Bar and Floor Coater, (personal preference for desired effect) work the product out until desired look is achieved and mil thickness does not exceed 2-3 mils. Use long smooth strokes with as little contact as possible to aid with self leveling. Allow material to set-up and level out (if *Waterborne UV Material* until it feels tack free and has no visible gloss spots) and proceed with the UV drying step.

### Step 3.

We at CureUV.com recommend using the **Total Cure Power-Shot 2400 UV Floor Curing System** as it is currently the most powerful and versatile on the market. Other UV driers will have the same results but may take slightly longer.

Hold the UV light parallel to the surface 2"-3" above the surface and in a sweeping motion move at 1"-5" per second. (Estimated 6-15 minutes to cure 500sqft)

### **Note:**

If an increased build is desired scuff surface well with 220 grit paper or pad between all builder and topcoat applications. For the best possible adhesion and finish make sure ALL areas are scuffed well. Repeat top coat application and UV drying steps. Additional coats, if needed, can be applied using this method.