

# DIRECTIONS FOR APPLICATION



Application Ratio:  
300-500 sq.ft. per gallon  
Application Ratio w/GreenCut:  
400-700 sq.ft. per gallon  
Drying Time:  
1 min @75F & 50% RH



## IMPORTANT:

Read Technical Data Sheet and MSDS prior to application. Follow all directions, including safety information. Installer education, training, and appropriate handling is necessary for product success. Due to the variety of concrete, the applicator must test the product for compatibility prior to full application.



Indoor



Sprayer



Autoscrub



Burnisher



Grinder

## SURFACE PREPARATION

New concrete should be fully cured for seven (7) days and free of all potential contaminants. For best results, air temperature must be above 35° F. It is recommended that a full mock-up be done to confirm color before applying to entire substrate. Green Umbrella ColorFlash™ Solvent Based Concrete Dye is highly flammable when mixed with acetone. Always provide plenty of ventilation when applying. Vapors may cause flash fires. No open flames may be present. Electrical tools, pilot lights, heaters, and cigarettes should not be used if fumes are present. Extreme care should be used when applying this product. Concrete slabs with a reactive humidity of 85% or less show best performance. If higher than 85 % we recommend Green Umbrella ColorShield™ or Green Umbrella ColorDense™. High moisture levels may affect performance of color. Ph neutral densifiers are best for color application. Floors must be clean, dry and free of contaminants before Green Umbrella ColorFlash™ can be applied. Mask off all areas that dye is not desired.

It is important to note, that as of 2/12 the United States Environmental Protection Agency's June 16, 1995 volatile organic compounds (VOC) classification for acetone remains in effect. **The EPA has granted acetone VOC-exempt status. In addition, acetone is not a hazardous air pollutant (HAP) under the Clean Air Act Amendment of 1990.** Most states, such as California, follow these federal guidelines. Please check with your individual state if the question arises.

## INDOOR OPEN CONCRETE

1. Mix Green Umbrella ColorFlash™ with corresponding amount of acetone and shake vigorously for approximately 30 seconds.
2. Allow solution to dissolve for a minimum of 3 hours before use.
3. Using a Green Umbrella™ sprayer with a #8 gray tip, apply dye uniformly in an overlapping circular motion, holding the wand approximately 12–18 inches above the surface. Allow to dry for 1-2 minutes.
4. Remove residual dye with an auto-scrubber using red pads and water. Allow to dry.
5. Apply Microfilm™ or Outdoor Microfilm™.

## INDOOR GRIND HONE POLISH FLOOR

1. Grind with a 6-50 grit GUm metal bond abrasive. Continue to process to 100 and 200 grit metal bond diamond abrasives. Hone using 100 and/or 200 grit GUHr resin abrasive.
2. Mix Green Umbrella ColorFlash™ with corresponding amount of acetone and shake vigorously for approximately 30 seconds.
3. Mix in Green Umbrella Penetrating Agent™ for the best penetration of dye, with hard concrete and high humidity this is required. Allow solution to dissolve for a minimum of 3 hours before use.
4. Apply Green Umbrella ColorFlash™. Using a GU sprayer with a #8 gray tip, apply dye uniformly in an overlapping circular motion, holding the wand approximately 12–18 inches above the surface. Allow to dry for 1-2 minutes. For the most even, uniform look, some applicator immediately follow spraying with a terry-cloth applicator.
5. **It is important to remove residual dye, this is not optional.** With an auto-scrubber using red pads and water is highly recommended. Allow to dry. OR if auto scrubber is not possible, residual dye may be removed after applying Green Umbrella Dry Shield™. Allow Dry Shield to dry completely.
6. Burnish on low with a Green Umbrella™ black pad and GreenGloss Burnisher.
7. Reapply if deeper color is desired. However, this can be done no later than the last resin cut. A third application would have little effect.
8. Perform a white rag test to see if dye has been removed from the surface by wiping the rag on the slab and see if dye is on the rag. Clean until there is no residual dye on the surface. If it is not removed residual dye can bond to the abrasives and mark the floor.
9. Continue to polish with 400-3000 grit GUPr resin abrasives.

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## GREENCUT/HYBRID CUT TREATMENT SYSTEM

1. Review application directions for Green Umbrella GreenCut™.
2. Confirm color choice, it will be very difficult to change color after application
3. After the floor treated with Green Umbrella GreenCut™ has been thoroughly cleaned, Hone cut with water and process floor to at least a 100 grit GUHr abrasive.
2. Auto scrub with water.
3. Allow to be at least damp dry, no puddles of water. Because GreenCut™ closes off the pores of the concrete, **DO NOT WAIT SEVERAL DAYS TO APPLY** Green Umbrella ColorFlash™. It is best applied within **hours**. Apply ColorFlash™ when the concrete is open.
4. STEPS: 4-6 FROM ABOVE.
6. Apply Green Umbrella Shield & Enhance™.
7. Continue with last GUPr resins desired.
8. For added protection and gloss it is recommended to apply Green Umbrella Microfilm™.

## ROUTINE MAINTENANCE

- Regularly sweep away debris
- Regularly auto-scrub or mop with water or Green Umbrella Green Clean™.
- For GHP Floors periodically burnish with a high speed propane burnisher using Green Umbrella™ recommended non-resin transfer black pad to remove dirt build up and restore gloss.