

APPLICATION INSTRUCTIONS

Color Fuse Stain System for Garage Floors and Driveways

SURFACE PREPARATION

Remove landscape rock or grass from the 1-2 inch area that borders the driveway. This allows the etching water to drain away from the slab and leaves room for trimming over the edge.

Prepare the concrete by acid etching or diamond grinding. Etching must be done using a floor machine with a nylogrit brush. For driveways, use a 4-1 solution of water and muriatic acid. Garage floors usually require a stronger 3-1 solution. Follow the guidelines listed in the APF Surface Preparation information. Etched concrete must have a profile similar to 120 grit sandpaper. Do not let the etching solution dry on the concrete. Neutralize with a solution of ammonia and water or use APF Super Base Neutralizer. Neutralizing and rinsing are very important. **Acid residues left on the concrete will interfere with proper bonding of the primer.**

If diamond grinding is done for surface preparation, it must be done thoroughly to open up the concrete. Diamond grinding must be followed with pressure washing using a minimum 2,500 psi pressure washer. Prepared concrete must have a profile similar to 150 grit sandpaper.

Allow to dry until no visible water is present.

APPLICATION OF STAIN

Reduce Color Fuse 100-200% with water before use. Less reduction promotes more rapid development of color. More reduction produces less color. Application should be done with a pump-up sprayer. Color fuse may be applied lightly to produce a very translucent "barely colored" effect or heavier to produce a more pronounced nearly opaque effect. The material will naturally produce variations in tone depending upon substrate porosity, spalls or shallows will naturally accumulate more color. Apply 2-3 coats depending upon the intensity of color desired. Successive coats may be applied as soon as the previous coat is tack free, usually 15-30 minutes. Be careful of excessively thick applications or heavy puddles as these areas may dry with a cloudy look. If this should happen, subsequent thinner coats will hide them. Extremely heavy applications on sloped surfaces may run. Total product usage will normally be 200-300 sq. ft. per gallon

Color Fuse is a very creative medium. Experiment with lighter or heavier applications to get a feel for the type of looks you can create. Different colors can be overlaid over each other. Lightly misting a darker color over a lighter color can create an interesting affect. **Read the product data sheet before using for other application guidelines.**

APPLICATION OF FINISH COAT

Finish coat is Polyurethane 501, and may be applied as soon as Color Fuse is tack-free. A satin finish is recommended for driveways. Coverage rate should be 250-300 sq. ft. per gallon.

For all exterior coating systems, a slip-resistant particle must be incorporated into the system. If done properly, a surface with a wet co-efficient of friction of 0.6 or better will be achieved. To accomplish this, add a full 3 oz. dixie cup of 40 mesh Res-N-Sand to every mixed gallon of the finish coat. Stir well and apply the material out of a 5-gallon pail or roller pan using a ½ inch nap roller. Apply the material rolling first laterally across the body and then up and down (crosshatch rolling). It is important to roll the material well to obtain an even distribution of the particles. If applied at the recommended coverage rate, particle distribution will be 60-70 particles per sq. inch. **Driveways with a slope greater than 15 degrees should not be coated because of the potential slip hazard.**

Depending upon temperature, allow 5-7 days cure before vehicle traffic.