



## InnerSeal Densi-Dye Indoor Application Instructions

### Concrete Preparation:

1. Remove any and all coatings and curing compounds on the concrete surface. Clean all oils and contaminants from the concrete. **DO NOT ACID WASH OR ETCH CONCRETE!** Diamond grind floor to 50 - 100 grit. Be sure to remove all swirl marks, but do not grind finer than 100 grit. Beyond 100 grit, topcoat adhesion will be compromised.
2. Remove any latent dust from concrete surface by auto scrubber, water flush or vacuum system. Use water only. Do not use any chemicals.

### Application Instructions:

1. After the concrete has dried, take a small amount of water and apply a quarter size amounts on the surface of the concrete to determine that the water does drop into the concrete in several locations on the slab.
2. Before applying INNERSEAL DENSI-DYE, mask off all areas that you do not want color applied to.
3. Add Wakefield color to desired loading, Up to 100%. Each bottle of color = 25% color loading.
4. Mix well with a drill and paddle bit mixer. Strain product through paint strainer. Color is now ready to apply. Keep blending/shaking color during spray application.
5. Spray first coat of color onto concrete at a rate of 200 sq ft per gallon with a sprayer or pour out. Move over area with a Wakefield micro-fiber applicator in a figure eight motion. Do not allow color to puddle. Wait approximately 30 minutes to allow InnerSeal to penetrate into concrete. Surface must be dry to the touch with no wet areas before applying 2<sup>nd</sup> coat.
6. Spray 2<sup>nd</sup> coat of color onto concrete at a rate of 400 sq ft per gallon. This coat will cover lighter areas to a more consistent coverage and fill in areas that have dropped into the concrete. Do not pull this coat out with a micro-fiber applicator. Do not allow color to puddle.
7. Multiple color combinations can be used to create any desired look imaginable. Generally a base coat color is put down and then followed by one or more complementing colors. For best results use a very fine mist sprayer or HVLP gun for these accent colors. With practice, the InnerSeal Densi-Dye system can create the same varied and mottled effects of an acid stain, without the mess, danger and labor.
8. Allow floor to dry for a minimum of 72 hours. INNERSEAL DENSI-DYE creates a chemical reaction within the concrete, and must have time to react before the top-coat is applied. The wait is well worth the results! This process will create a permanent moisture vapor barrier within the slab, protecting the coated surface from moisture and alkali from below. This is also the process that gives INNERSEAL-DENSI-DYE the deep, rich, and reflective color enhancement you love. The only exception to this rule is if HYDRO-TOP penetrating sealer is used as the topcoat. Because of its unique composition, HYDRO-TOP may be applied directly over the INNERSEAL DENSI-DYE with no brushing or wait time.

**DO NOT ATTEMPT THIS WITH ANY OTHER TOP-COAT!** For more information on HYDRO-TOP Penetrating Sealer, see separate Tech Data Sheet and installation instructions.

9. Apply your protective top-coat according to the manufacturer's instructions. INNERSEAL DENSI-DYE is compatible with most high-end concrete coatings. Be sure to match the top-coat to the type usage the floor will receive. For additional information, contact your Wakefield distributor