

## SECTION 03 35 43

### Formatted Specification Addendum for ULTRAFLOOR® DIAMATIC® Polished Concrete System FLOR-COLOR ADDENDUM

#### PART I – GENERAL

##### 1.01 SUMMARY

- A. This is the recommended addendum for the ULTRAFLOOR® DIAMATIC® Polished Concrete System, FLOR-COLOR™ Installation.
- B. Complete installation details are provided in the DIAMATIC® Technical Brochures available at [www.diamaticusa.com](http://www.diamaticusa.com).

##### 1.02 SECTION INCLUDES

- A. Products and procedures for the installation of the ULTRAFLOOR® DIAMATIC® FLOR-COLOR™ Micronized Water Borne Dye.

##### 1.03 QUALITY ASSURANCE

- A. Manufacturer Qualifications: The ULTRAFLOOR® DIAMATIC® Polished Concrete System consists of a process and products engineered and manufactured by DIAMATIC®. Any substitutions are not permitted and void warranty.
- B. Installer Qualifications:
  - a. Installer must be a DIAMATIC® ELITE installer for the ULTRAFLOOR® Polished Concrete System, including the use of DIAMATIC® equipment and diamond abrasives, and DIAMATIC® concrete preparation, and chemical hardening and finishing materials.
  - b. Installer must be experienced in performing specified work similar in design, products and scope of this project, with a documented track record of successful, in-service performance and with sufficient production capabilities, facilities and personnel to produce specified work.
  - c. A factory-trained, competent supervisor must be maintained on site during all times during which specified work is performed.
  - d. National brand specific projects must have DMS (Diamatic Management Services) personnel present during the pre-construction conference to insure quality control standards are in compliance.
  - e. A current list of qualified installers may be obtained through DIAMATIC MANAGEMENT SYSTEMS, DIAMATIC USA 866-295-5512

### 3.04 POLISHING ADDENDUM

- A. DIAMATIC FLOR-COLOR INSTALLATION / LEVEL 2 CUT / GLOSS LEVEL B
1. GRIND/POLISH #1: DIAMATIC 60/80 Grit Metal Bonded Diamonds.
  2. Broom and vacuum the floor to remove all residual dust.
  3. GRIND/POLISH #2: DIAMATIC #1 Transitional Diamonds, Ceramic Bonded.
  4. Broom and vacuum the floor to remove all residual dust.
  5. GRIND/POLISH #3: DIAMATIC 200 Grit Resin Bonded Diamonds.
  6. Broom and vacuum the floor to remove all residual dust.
  7. GRIND/POLISH #4: DIAMATIC 400 Grit Resin Bonded Diamonds.
  8. Broom and vacuum the floor to remove all residual dust.
  9. Auto scrub the surface to completely clean and remove any remaining dust. Allow the surface to dry completely before the DIAMATIC FLOR-COLOR™ Application.
  10. Apply DIAMATIC® FLOR-COLOR™ according to the technical data guidelines at the rate of 400-500 square feet per gallon. Allow to dry completely before continuing to the next step, (a minimum time of 1-2 hours)
  11. Apply DIAMATIC® FLOR-SIL™ per application instructions at a rate of 400 square feet per gallon.
  12. Allow DIAMATIC® FLOR-SIL™ to dry 1 hour before continuing on to the next step.
  13. GRIND/POLISH #5: DIAMATIC Resin Bonded Diamond. To remove any residual color from the surface. Follow the addendum steps to produce the specified gloss for the project.
    - a. LEVEL A – 400 GRIT DIAMOND
    - b. LEVEL B – 800 GRIT DIAMOND
    - c. LEVEL C – 800-1500-3000 DIAMOND
    - d. BURNISH AND GUARD according to the steps outlined in the specification addendum

END OF SECTION