

## SECTION 03 35 43

### Formatted Specification Addendum for LEVEL B GLOSS ULTRAFLOOR® DIAMATIC® Polished Concrete System

#### PART I – GENERAL

##### 1.01 SUMMARY

- A. This is the recommended addendum for the ULTRAFLOOR® DIAMATIC® Polished Concrete System, Level B finish.
- 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® Polished Concrete System to achieve a level B, medium gloss finish.

##### 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® CERTIFIED 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 SERVICES, DIAMATIC USA 866-295-5512

### 3.04 POLISHING ADDENDUM

- A. LEVEL B – Medium gloss reading of 41 – 55.
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. Apply DIAMATIC FLOR-SIL™ per application instructions at a rate of 400 square feet per gallon.
  8. Allow DIAMATIC FLOR-SIL™ to dry 1 hour before continuing on to the next step.
  9. GRIND/POLISH #4: DIAMATIC 400 Grit Resin Bonded Diamonds.
  10. Broom and vacuum the floor to remove all residual dust.
  11. GRIND/POLISH #5: DIAMATIC 800 Grit Resin Bonded Diamonds.
  12. Broom and vacuum the floor to remove all residual dust.
  13. MICROPOLISH/BURNISH #1: FLOR-GRIT 800 Diamond Impregnated Pad.
  14. Dry mop the floor clean to remove all debris.
  15. Apply DIAMATIC FLOR-FINISH (High Gloss) per application instructions at a rate of 2,500-3,000 square feet per gallon.
  16. Allow to dry a minimum of 15-30 minutes.
  17. MICROPOLISH/BURNISH #2: FLOR-GRIT 800 Diamond Impregnated Pad.
  18. Dry mop the floor clean to remove all debris.
  19. Apply DIAMATIC FLOR-FINISH (High Gloss) per application instructions at a rate of 3,000 square feet per gallon, 90 degrees to the first application.
  20. Allow to dry a minimum of 15 minutes.
  21. MICROPOLISH/BURNISH #3: FLOR-GRIT 1500 Diamond Impregnated Pad.

END OF SECTION