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**PART 1 GENERAL****1.1 SUMMARY**

- A. Section Includes:
  - 1. Water Repellent for Stone Paving Plaza.
  - 2. Anti Graffiti Coating for Light Posts on 5<sup>th</sup> Floor.

**1.2 REFERENCES**

- A. EPA — Environmental Protection Agency: Current VOC regulations.

**1.3 ACTION SUBMITTALS**

- A. Product Data: Water Repellent.

**1.4 INFORMATIONAL SUBMITTALS**

- A. Test Results: Water repellent manufacturer's test application results on mock-ups and field samples.

**1.5 QUALITY ASSURANCE**

- A. Installer Qualifications:
  - 1. Applicator shall have successfully applied water repellent of the quality and in the quantity shown.
  - 2. Applicator shall be approved by water repellent manufacturer.
- B. Regulatory Requirements: Meet requirements of applicable laws, codes, and regulations required by authorities having jurisdiction over Work, including EPA VOC regulations.
- C. Pre-installation Meeting:
  - 1. Coordinate, schedule and hold a test application and pre-application instruction meeting with the manufacturer's representative to review the manufacturer's application and warranty requirements.
  - 2. Conduct test applications on mock-ups or field samples of the materials to receive water repellent to verify percentage solids required and coverage rate.
  - 3. Require attendance by personnel involved with substrate preparation and repellent application.
- D. Manufacturer to provide written confirmation the required technical assistance was provided and the installation is acceptable.

**1.6 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Storage:
  - 1. Deliver materials to job site in new, original, and unopened containers bearing manufacturer's name, trade name, and label analysis.
  - 2. Meet requirements of manufacturer's current printed instructions.
- B. Handling: Handle materials to prevent spillage, container breakage, or other damage.

**1.7 SITE CONDITIONS**

- A. Environmental Requirements: Meet requirements of the manufacturer's current printed instructions.

**1.8 WARRANTY**

- A. Refer to Division 1.

**PART 2 PRODUCTS****2.1 MATERIALS**

- A. Water Repellent for Stone Paving:
  - 1. Prosoco Stone, Tile, and Masonry Protector (STMP), or equal.
- B. Anti Graffiti Coating for light posts on 5th Floor:
  - 1. Rain Guard VandIGuard VG-7000-CA; or equal.

**PART 3 EXECUTION****3.1 EXAMINATION**

- A. Verification of Conditions: Examine site and verify that substrate and other conditions are suitable to receive Work and that no defects or errors are present which would cause defective installation of products or cause latent defects in workmanship and function.
- B. Notification of Unsuitable Conditions: Before proceeding with Work, notify the Owner's Representative and in writing of unsuitable conditions.

**3.2 PREPARATION**

- A. Protection:
  - 1. Use every possible precaution to prevent damage to existing conditions to remain such as structures, utilities, irrigation systems, plant materials and paving on or adjacent to the site of the Work.
  - 2. Provide protective coverings, barricades, fences or other barriers to protect existing conditions to remain from damage during construction.
  - 3. Use every possible precaution to prevent excessive compaction of planting area soil within or adjacent to the areas of Work.
  - 4. Completely mask off bituminous paving and planting areas to protect against damage by water repellent.
  - 5. Do not store materials or equipment, permit burning, or operate or park equipment under the branches of plants to remain.
  - 6. Submit written notification of conditions damaged during construction to the Owner's Representative immediately.
- B. Surface Preparation: Meet requirements of water repellent manufacturer's current printed instructions for each substrate condition.

**3.3 FIELD APPLICATION**

- A. Manufacturer's Requirements: Meet requirements of water repellent manufacturer's current printed installation instructions and Material Safety Data Sheet (MSDS).
- B. Surfaces to Apply: Apply to exposed, above ground surfaces not in constant contact with water or soil.
- C. Application Schedule:
  - 1. Apply water repellents and graffiti coatings to surfaces as soon as possible after installation of substrate Work and prior to winter weather.
  - 2. Do not apply before joint sealants and grout are installed and have cured.
- D. Application: Apply in accordance with water repellent manufacturer's currently printed instructions.
- E. Approximate Coverage Rate:
  - 1. Prosoco STMP on Stone Paving: Contact manufacturer.
  - 2. Rain Guard VG-7000-CA on light posts: Contact Manufacturer.

- F. Determining Precise Coverage Rate:
  - 1. Make test applications on actual surfaces to more accurately determine coverage rates and effectiveness of water repellent.
  - 2. Apply 2 coats to very porous surfaces when recommended by the manufacturer's representative.

**3.4 CLEANING**

- A. General: Clean Work as recommended by the water repellent manufacturer and keep clean.

**END OF SECTION**