

STANDARD SPECIFICATION
JANUARY 2010

DIVISION 9

SECTION 9E CHEMICAL CLEANING AND ANTI-GRAFFITI COATING

9E.01 GENERAL: Comply with all of the Contract Documents.

9E.02 SCOPE OF WORK: Refer to "Division Scope of Work"

9E.03 MATERIALS

- A. Chemical Cleaning Materials: "Sure Klean Heavy Duty Restoration Cleaner" as manufactured by Prosoco Inc. or approved equal as determine by Architect/Engineer.
- B. Anti-Graffiti Coating: "Hardgard" as manufactured by LGM Industries/American Anti-Graffiti Co. or approved equal as determined by Architect/Engineer.

9E.04 APPLICATION AND WORKMANSHIP

- A. Chemical Cleaning
 - 1. A test area of 16 to 20 square feet shall be applied to various types of masonry for inspection and approval by Architect/Engineer.
 - 2. All masonry shall be thoroughly saturated with water prior to the application of chemical cleaner.
 - 3. Apply protective covering over all aluminum metal work, glass and other non-masonry items prior to application of chemical cleaner.
 - 4. Apply chemical cleaner in diluted proportions with water as recommended by approved manufacturer. Protective clothing and respirator shall be used by personnel during application.
 - 5. Apply pressured steam rinse five (5) to ten (10) minutes after chemical cleaner has been applied.
 - 6. Apply final water rinse with flared tip not greater than 1000 psi.
 - 7. All residual washed from building surface shall be swept or flushed from surrounding sidewalk and service areas, leaving premises clean and neat.
- B. Anti-Graffiti Coating
 - 1. Coating consists of a three (3)-coat system; a primer coat and two (2) finish coats.

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- a. Primer coat shall be applied to seal, fill and condition surfaces prior to application of finish coats.
- b. Finish coats applied in two (2) coats covering approximately 250 square feet per U.S. gallon per coat. Finish coats is a 2 - component material consisting of a urethane base and catalyst hardener mixed in a ratio of 1:1. DO NOT THIN. Material has a "pot life" of approximately 4 hours after mixing. At 75⁰ the finish shall be set for additional coat in two (2) hours, dry in 8 hours, and cured graffiti proof in 48 hours.
- c. Coatings shall be sprayed on surfaces. Eye protection shall be worn when applying the coating. Spray the surfaces with primer until thoroughly saturated and allow to dry for 24 hours. Spray apply finish first coat, allow to dry 2 hours and then spray apply second finish coat.

9E.05 SCAFFOLDING AND PROTECTION

- A. Furnish and erect adequate scaffolding for this work. Scaffolding shall conform to requirements of public agencies having jurisdiction thereof.
- B. Provisions shall be made to protect all property from damage and the public against hazard or injury. All property damaged as a result of this work shall be restored or repaired by this section without additional charge.

9E.06 GUARANTEES

- A. Guarantee all items of work furnished and installed under this Section for (1) one year, in addition to manufacturer's standard warranties. All guarantees to be from the date, when **Final Certificate of Occupancy** is issued from Department of Buildings.

END OF SECTION