

COATINGS SPECIFICATIONS

SECTION 09 97 70

GREEN COATINGS, SEALERS, COOL ROOFS, AND FIRE PROTECTION

THIS SECTION IS WRITTEN IN CSI 3-PART FORMAT AND IN CSI PAGE FORMAT; THE PROJECT NAME/NUMBER/DATE AND SECTION TITLE IN THE FOOTER ARE OPTIONAL. NOTES TO THE SPECIFIER, SUCH AS THIS, MUST BE DELETED FROM THE FINAL SPECIFICATION.

IT IS ASSUMED THAT THE GENERAL CONDITIONS BEING USED ARE AIA A201-2007.

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Anti-graffiti Coatings and Sealers/Enhancers, Cool Roofs and Walls, and Fire Protection treatment of the following surfaces:

EDIT LIST BELOW TO CONFORM TO PROJECT REQUIREMENTS.

Sealers/Enhancers and Anti-graffiti Coatings for the following:

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| 1. Ceramic tile - interior and exterior. | 6. Masonry - interior and exterior. |
| 2. Concrete - interior and exterior. | 7. Porcelain tile - floors and walls. |
| 3. Natural stone - floors and walls. | 8. Wood - floors and walls. |
| 4. Block - interior and exterior. | 9. Metals - interior and exterior. |
| 5. Brick - interior and exterior. | 10. Grout - interior and exterior |

Cool Roofs and Walls Coating for the following materials:

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|--------------------------|---------------------|
| 1. Asphalt emulsion. | 8. Galvanic metals. |
| 2. Aluminum. | 9. Glass. |
| 3. Brick. | 10. Plastic. |
| 4. Concrete. | 11. Steel. |
| 5. Clay. | 12. Stucco. |
| 6. Elastomeric surfaces. | 13. Wood. |
| 7. Foam roofing. | |

Fire Protection Coating for the following:

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| 1. Carpet. | 6. Wood flooring. |
| 2. Fabrics. | 7. Wall coverings. |
| 3. Gypsum drywall. | 8. Wood - interior and exterior. |
| 4. Artificial flowers and plants. | 10. Vegetation. |
| 5. Leather. | |

1.02 REFERENCES

- A. Abbreviations and Acronyms:
1. EPA: Environmental Protection Agency.
 2. ISO: International Organization for Standardization.
 3. MSDS: Material Safety Data Sheet.
 4. SCAQMD: South Coast Air Quality Management District
 5. CRRC: Cool Roof Rating Council
- B. Reference Standards:
1. ASTM International (ASTM):
 - a. C 1028, Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method.
 - b. Green Seal GS11 VOC Limit for Paints and Coatings
 - c. South Coast Air Quality Management Rule 1168-2003 for VOC Limit Sealers and Adhesive

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Sequencing:
- B. Scheduling:

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- 1.04 ACTION SUBMITALS/INFORMATIONAL SUBMITALS
 - A. Product Data: Manufacturer's technical product data and MSDS.
 - B. Samples: 2 ounce sample of green coatings material or appropriate mock-up test.
 - C. Manufacturer's Instructions: Manufacturer's instructions for application.
- 1.05 CLOSEOUT SUBMITTALS
 - A. Maintenance Contracts: Proposed monitoring and treatment services agreement.
- 1.06 QUALITY ASSURANCE
 - A. Qualifications:
 - 1. Qualified applicators and sub-contractors for sealers, coatings, cool roofing, and fire protection.
 - B. Certifications:
 - 1. GREENGUARD Children & Schools Registration.
 - 2. Green Seal: Coatings, Sealers, and Paints
- 1.07 DELIVERY, STORAGE, AND HANDLING
 - A. Storage and Handling Requirements: Store in original, tightly closed container.

PART 2 PRODUCTS

- 2.01 COATINGS: Anti-graffiti Coatings, Sealers/Enhancers, Cool Roofs and Walls, and Fire Protection.
 - A. Manufacturers:

EDIT LISTS BELOW TO CONFORM TO PROJECT REQUIREMENTS. IF OTHER MANUFACTURERS ARE BEING ADDED TO THIS SECTION, THEN ADD LISTINGS OF THEIR PROPRIETARY PRODUCT NAMES.

 - 1. Distributor List:**
 - a. Estudio Group LLC; PH: (800) 784-0231; Fred Jackson, National Sales; e-mail: sales@estudiogroup.net; PH: (714) 813-6598, Fax: (714) 279-9111; www.estudiogroup.net.
 - 2. Substitution Limitations: [Substitutions made in accordance with Section 01 60 00, Product Requirements, will be considered] [Substitutions will not be considered].
 - B. Performance Criteria:
 - 1. Per product information

PART 3 EXECUTION

- 3.01 EXAMINATION
 - A. Verification of Conditions: Verify that building is clear of all construction dust and debris prior to application of coating and that conditions are acceptable to the installer.
- 3.02 PREPARATION
 - A. Surface Preparation:
 - 1. Remove and replace materials to be treated that show evidence of deterioration.
 - 2. Clean existing surfaces to be treated with a cleaner acceptable to the manufacturer.
 - 3. Repair roofs, floors, and walls for cracks or defects.
 - 4. Prep substrate to be cleaned and remove only contaminants.
- 3.03 APPLICATION
 - A. Apply to scheduled surfaces using the process in accordance with the manufacturer's instructions.
- 3.04 MAINTENANCE
 - A. Maintenance Contract: Provide monitoring and treatment services at an interval compatible with the type and location of the application.

END OF SECTION