

WET ROOM SPECIFICATION

Section 09 77 00

NOTICE: Consult your local SoundTech representative or contact SoundTech at 888.206.3446.

LIMITATIONS: The Wet Room system is intended for use in kitchens, food processing and food preparation, operating rooms, showers and tub surrounds applications. Approved Wet Room Adhesive Sealer is critical and must be used

SPECIAL WALL SURFACING

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general conditions of contract, including general and supplementary conditions and division 1 specification sections, apply to work of this section

1.02 SUMMARY

- A. Section include
 - a. Adhesive and sealer
 - b. Paintable glass textile wallcoverings
 - c. Painting: Section 09 91 23 Painting and Coating
- B. Related sections
 - a. Section 09 21 16 – Gypsum Board Assemblies
 - b. Section 09 72 19 – Wall Coverings
- C. Alternates
 - a. Prior Approval: Unless otherwise provided for in the contract documents, proposed product substitutes may be submitted no later than 10 working days prior to the date established for receipt of bids. Approval of a proposed substitution is contingent upon the Architect's and Manufacturers review of the proposal for acceptability and approved products will be set forth by addenda
 - i. If substitute products that have not been approved by Addenda are included in a bid, the specified products shall be provided without additional compensation
 - b. Submittals: That do not provide adequate information for the product evaluation will not be considered. The proposed substitution must meet all requirements of this section, including but not limited to: Single source

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materials supplier (if specified in section 1.05); panel design, size, composition, color and finish; suspension system component profiles and sizes; compliance with the referenced standards

1.03 REFERENCES

- A. ASTM C36 – Gypsum Wallboard
- B. ASTM D5116-90 – Standard Guide for small Scale Environmental Chamber Determination of Organic Emissions from Indoor Materials/Products
- C. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials
- D. ASTM E119 – Fire Tests of Building Materials
- E. FF CC-W-408A – Wall Covering
- F. NFPA 265 – Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings
- G. Uniform Building Code, Standard 8-2 – Standard Test Method for Evaluating Room Fire Growth Contribution of Textile Wall Coverings
- H. Uniform Building Code, Chapter 8, Interior Finishes, Section 802 – Testing and Classification of Materials

1.04 SUBMITTALS

- A. Product Data: Manufacturer’s product data and installation instructions
- B. Shop Drawings: Show layout, seam diagrams, anchorage, accessories, finish colors, textures and special detail requirements
- C. Samples: Complete set of wall covering and paint chips indicating manufacturer’s standard selection of specified finishes for panels & trims
- D. Certification: Manufacture’s certifications that products comply with specified requirements, including laboratory reports showing compliance with specified tests and standards

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1.05 QUALITY ASSURANCE

- A. Manufacturer and Installer Qualifications: Special Wall Surfacing components produced by a single manufacturer with resources adequate to deliver a product of consistent quality in terms of appearance and physical properties for all project scopes and scales without risk of delay or interruption; Installation work to be performed by a firm whose personnel have no less than three (3) years of successful experience on projects of similar size, requirements and complexity

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in manufacturer's unopened packages, suitably store to protect against exposure to moisture, sunlight, surface contamination and other unacceptable conditions. Wet Room Adhesive Sealer must be transported and stored in temperature conditions above 49° F (9.4° C).
- B. Handle components to prevent damage
- C. Back up Stock
 - a. Adhesive sealer 3%
 - b. Wall coverings 3%
 - c. Paint 3%

1.07 PROJECT CONDITIONS

- A. Environmental requirements at installation
 - a. The building shall be enclosed, the air condition system shall be operating with proper filters in place and the proper temperature and humidity conditions shall be stabilized before, during and following installation until Substantial Completion. Building areas to receive ceilings shall be free of construction dust and debris
 - b. Coordination: Coordinate Special Wall Surfacing work with installers of related work including but not limited to acoustical ceilings, building insulation, drywall, paint, mechanical and electrical systems
- B. Dimensional Stability: Special Wall Surfacing installation shall be carried out in temperature conditions up to 120°F (49°C), in spaces before the building is enclosed and HVAC is cycled or not operating

1.08 WARRANTY (LIMITED)

- A. Special Wall Surfacing: Submit a written warranty executed by the manufacture agreeing to repair or replacement of panels that fail within the warranty period,

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Failures include but are not limited to: delamination, sagging, warping and manufacturer's defects

- B. Warranty period for Special Wall Surfacing is 1 years from date of Substantial Completion

1.09 MAINTENANCE

- A. Provide extra Special Wall Surfacing components, matching installed material in manufacturer's original packages and clearly labeled as attic stock as specified in DELIVERY, STORAGE AND HANDLING section
- B. Deliver extra stock and maintenance tools to owner's representative

PART 2 PRODUCTS

2.01 MANUFACTURE

- A. SoundTech Inc. 800.206.3446, info@soundtechinc.com

2.02 MATERIALS

- A. Special Wall Surfacing: Type SWS-1
 - a. Product: SCADATEX WET WALL system
 - i. Components
 - 1. Scandatex glass fiber wall covering
 - 2. Wet Room adhesive sealer
 - ii. Finish:
 - 1. (Sherwin Williams K46W151 pre-catalyzed waterbase epoxy)
 - 2. Sherwin Williams 113.20 HI-BILD waterbased catalyzed epoxy)
 - b. Performance Characteristics:
 - i. Flame Spread
 - 1. Less than 25 per ASTM E 84
 - 2. Class A per ASTM E 1264
 - ii. Smoke Developed: Less than 50 per ASTM E 84
 - c. Surface Texture and Substrate
 - i. Surface Texture: Scandatex pattern (S6164W)(S6297W)

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- ii. Surface Finish:
 - 1. (Sherwin Williams K46W151 re-catalyzed waterbase epoxy color ____)
 - 2. Sherwin Williams 113.20 HI-BILD waterbased catalyzed epoxy color ____)
- iii. Substrate: (gypsum board)(abuse resistant gypsum board)(moisture resistant gypsum)(cement board)(ceramic tile)(FRP)

PART 3 EXECUTION

3.01 PREPARATION

- A. Examine construction and conditions under which systems will be installed. Do not proceed with installation until unsatisfactory conditions have been corrected

3.02 INSTALLATION

- A. Adhesive, wallcoverings, sealer and paint shall be installed in strict accordance with the manufacturer's printed instructions and current recommendations and the governing code of jurisdiction
- B. Installed Special Wall Surfacing should be free from damage or defects

3.03 FIELD QUALITY CONTROL

- A. Manufacture's Field Services: Upon Owner's request, provide manufacture's field service consisting of product use recommendations and periodic site visit for inspection of product installation in accordance with manufacturer's instructions

3.04 CLEANING

- A. Clean Special Wall Surfacing pursuant to manufacturer's recommendations. Remove and replace damaged components that cannot be restored

3.05 PROTECTION

- A. Protect installed product's finish surfaces from damage during construction

End of Section 10 26 23