

Teifs I-TEX

INTERIOR TEXTURED WALL COATING

SECTION 9700



Teifs

PART 1: GENERAL

1.01 SUMMARY

- A. Section Includes: Teifs I-TEX Interior Textured Wall Coating System: Interior base coat and finish coat for walls and ceilings.

1.02 SYSTEM DESCRIPTION

Two component acrylic wall finishing system consisting of base coat and finish coat.

1.03 REFERENCES

- A. ASTM D 2486: Standard Test Methods for Scrub Resistance of Wall Paints
- B. ASTM D 3273: Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
- C. ASTM D 3960: Standard Practice for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings
- D. ASTM D 4060: Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
- E. ASTM E 84: Standard Test Method for Surface Burning Characteristics of Building Materials
- F. ASTM E 96: Standard Test Methods for Water Vapor Transmission of Materials

1.04 PERFORMANCE REQUIREMENTS

- A. Water Vapor Permeability (ASTM E1653): 7.5 perms
- B. Scrub Resistance (ASTM D2486): Exceeded 7500 cycles
- C. Mildew Fungus Resistance (ASTM D3273): Pass - 10
- D. Surface Burning Characteristics (ASTM E-84): Class A/Class I
- E. Stain Resistance:
 - 1. Water: No effect
 - 2. Coffee: No effect
 - 3. Tea: No effect
 - 4. Mustard: No effect
- F. Mark Resistance
 - 1. Pencil: No effect
 - 2. Ball Pen: No effect
 - 3. Marker: No effect
- G. Pencil Hardness (ASTM D 3363): 6B - 6H Pencils - Pass, no scratching or gouging

1.05 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data: Submit manufacturers' product data and installation instructions.
- C. Samples: Submit two selection samples, minimum size 6 inches square, representing actual color and finish of each coating type to be used.
- D. Quality Assurance/Control Submittals: Submit manufacturers' certification that applicator is a trained and authorized applicator.

1.06 QUALITY ASSURANCE

- A. Qualifications:
 - 1. System Manufacturer: Teifs Wall Systems
 - 2. Materials shall be third party certified by the Teifs' Manufacturers' Verification program to ensure that the manufactured materials are the same composition as tested materials.
 - 3. Applicator: Company specializing in performing the Work of the Section approved by manufacturer.
- B. Mock-Up:
 - 1. Construct mock-up, to represent: Finish, color and surface texture.
 - 2. Mock-up shall be maintained at the job site.

1.07 PROJECT CONDITIONS

- A. Materials shall be applied when ambient temperature is between 50 °F (10 °C) and 90 °F (32 °C), with a relative humidity between 20 and 80 percent.
- B. Maintain structure at a minimum temperature of 50 °F for a period of 48 hours prior to application. Continue to maintain structure at that temperature through completion.
- C. Maintain new unoccupied structures at a minimum temperature of 50 °F until structure is occupied.

1.08 DELIVERY, STORAGE AND HANDLING

- A. Delivery: Teifs materials shall be delivered to the job site in original, unopened containers with labels intact. Unsatisfactory materials shall not be used.
- B. Storage: Store Teifs materials in a cool, dry location, out of sunlight and protected from weather and other damage, at a minimum temperature 50 °F (10 °C).

1.09 MAINTENANCE

- A. Extra materials: Provide additional material for use by owner in building maintenance and repair. Provide 1/2 gallon from the same batch number of base & finish, for every 5000 square feet applied on the project.

1.10 WARRANTY

- A. Limited Materials Warranty: Furnish written Limited Warranty on materials from Teifs for a period of 5 years, commencing on date of Substantial Completion.

PART 2: PRODUCTS

2.01 MANUFACTURERS

Acceptable Manufacturer: Teifs Wall Systems, 220 Burleson, San Antonio, Texas 78202, 1-800-358-4785, www.teifs.com.

2.02 MATERIALS

- A. Teifs I-TEX Interior Texture Base: An interior, high solids, pure acrylic base coating.
- B. Teifs I-TEX Interior Texture Finish: An interior, high solids, pure acrylic coating that provides hard, textured, seamless system.
- C. Teifs I-TEX Interior Hand Texture: An interior, high solids, pure acrylic coating that provides a textured finish over interior wallboard.

2.03 EQUIPMENT

- A. Application Equipment: Utilize manufacturers' recommended application equipment as follows:
 - 1. Base Coat: Commercial grade sprayer equivalent to Graco 7900, or large enough to spray a minimum of 2 gallons per minute.
 - 2. Texture Coat: Specially designed texture sprayer that combines variable speed control and high pressure.
 - 3. Accessories: Pole guns and sprayer tips, the size of which will vary with desired texture.

2.04 ACCESSORIES

- A. Patching Compound: Non-shrinking, cementitious patching compound.
- B. Paint Primer: Pigmented, sealing, stain blocking primer.

PART 3: GENERAL

3.01 SUMMARY

- A. General:
 - 1. Verify that surfaces and wall openings are ready to receive work.
 - 2. Correct unsatisfactory conditions prior to installation.
 - 3. Conduct moisture test on substrate using a handheld calibrated moisture meter to determine surface moisture percentage.

3.02 PREPARATION

- A. Protection: Mask all adjacent areas not specifically intended to receive coating system application.
- B. Product Temperature: Maintain product at minimum temperature of 50 °F or ambient temperature of structure prior to application.
- C. Preparation for all surfaces:
 - 1. Surfaces must be clean, dry, sound and properly cured.
 - 2. Surfaces must be free of dust, dirt, oil, grease, mildew, fungus, efflorescence, loose paint or other contaminants.
 - 3. Surfaces must be free of chalking, blistering, peeling, cracking and delamination.
 - 4. Surfaces may not be glossy or slick.
 - 5. Rusted or damaged corner bead must be treated before application.
- D. Gypsum Wall Board:
 - 1. Finish gypsum wallboard in compliance with Gypsum Association Finish Level 3 or higher.
 - 2. Where the drywall is stained, apply Kilz or comparable product and allow to completely dry.
 - 3. Where drywall is not new, apply drywall primer and allow to dry.
- E. Painted Drywall: Adhesion must be tested prior to installation of Teifs I-TEX. Test adhesion by applying Teifs I-TEX to an area of the painted drywall. Allow to dry for 3 days and test for adhesion.
- F. Concrete and Masonry Surfaces:
 - 1. Joints must be level with adjacent surfaces.
 - 2. Repair cracks and honeycombs with a non-shrinking cementitious patching compound.
 - 3. Remove any efflorescence from the surface.
 - 4. Where the surface is rusted, apply Kilz or comparable product and allow to completely dry.
- G. Painted concrete: Adhesion must be tested prior to installation of the Teifs I-TEX to an area of the painted drywall. Allow to dry for 3 days and test for adhesion by pressure washing. Sandblasting might be necessary to remove paint for good adhesion.

3.03 INSTALLATION

- A. General:
 - 1. Apply caulk to crack at baseboard, wall joints, etc. to eliminate gaps.
 - 2. Mask all adjacent areas not intended to receive Teifs I-TEX.
- B. Base Coat:
 - 1. Spray Teifs I-TEX Base Coat at a rate of 200-250 sq. ft. per gallon depending on surface.
 - 2. Allow Base Coat to dry completely before application of Texture Finish; usually 2-4 hours depending on temperature and humidity.
- C. Teifs I-TEX Finish:
 - 1. Using specially designed texture sprayer (combining variable speed and pressure) apply material to the desired texture.
 - 2. The coating should be applied evenly with a vertical pass or a constant circular motion to create a uniform texture.
 - 3. Stop at natural breaks in the wall or at corners. Work to a wet edge.
 - 4. Remove all masking tape while Teifs I-TEX is wet for a clean edge.
- D. Teifs I-TEX Hand Texture
 - 1. Apply Teifs I-TEX Hand Texture with trowel, pan or knife.
 - 2. Remove all masking tape while Teifs I-TEX is still wet for a clean edge.

3.04 CLEANING AND PROTECTION OF FINISHED WORK

- A. Allow at least 7 days curing after application of wall and ceiling finish before scrubbing surfaces to which it was applied.
- B. Protect applied finish material from damage due to subsequent construction activity.



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