

Acrylitex Guide Specification – Revised June 20, 2003

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Specifier Note: This manufacturer's guide specification specifies Acrylitex Base Coat, Acrylitex Texture Coat and Acrylitex Hand Texture acrylic textured coating for interior wall surfaces. These products are manufactured by Acrylic Technologies, Inc. Revise the section number and title below to suit project requirements, specification practices, and section content.

Specifier Note: This guide specification is a manufacturer-specific product specification using the proprietary method of specifying applicable to project specifications and master guide specifications. Optional text is indicated by brackets []; delete optional text in final copy of specification. Specifier Notes typically precede specification text; delete notes in final copy of specification. Trade/brand names with appropriate symbols typically are used in Specifier Notes; symbols are not used in specification text. Metric conversion, where used, is soft metric conversion.

SECTION 09700
WALL FINISHES

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes: Acrylic base and finish coatings applied to walls [and] [ceilings] as an interior finish system.

Specifier Note: Revise paragraph below to suit project requirements. Add section numbers and titles per CSI MasterFormat and specifier's practice. In the absence of related sections, delete paragraph below.

B. Related Sections:

1. Division 9 Section - Paints and Coatings.

Specifier Note: Retain Reference Article when specifying products and installation by an industry reference standard. If retained, list only those standard(s) referenced in this section. This article does not require compliance with standard, but instead is a listing of references used.

1.2 REFERENCES

A. American Society for Testing and Materials (ASTM):

1. ASTM D1653 - Standard Test Methods for Water Vapor Transmission of Organic Coating Films.
2. ASTM D2486 - Standard Test Methods for Scrub Resistance of Wall Paints.
3. ASTM D3273 - Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber.
4. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

1.3 SYSTEM DESCRIPTION

A. Design Requirements: Provide a two component acrylic wall finishing system consisting of:

1. Base coat.
2. Finish coat.

B. Performance Requirements: Provide a wall finishing system which has been formulated and applied to meet the following criteria:

1. Water Vapor Permeability (ASTM D1653): Face-Down 1.53; Face-Up 1.98
2. Scrub Resistance (ASTM D2486): Exceeded 5200 cycles with no failure
3. Mildew Fungus Resistance (ASTM D3273): Rating of 10
4. Surface Burning Characteristics (ASTM E-84): Class A/Class I

C. Additional Testing for Stain Resistance: The following testing took place over a 3 day time period in a controlled environment. Applications of the following common substances known to stain were applied to the product: coffee, smeared blueberries, and ketchup, mustard and all-purpose grease. Product was scrubbed with a nylon bristle brush and household cleaner (Fantastic). End results: No change in product, no staining of product.

[Specifier Note: Article below includes submittal of relevant data to be furnished by Contractor either before, during, or after construction. Coordinate this article with Architect's and Contractor's duties and responsibilities in Conditions of the Contract and Division 1 Submittal Procedures Section.](#)

1.4 SUBMITTALS

A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.

B. Product Data: Submit manufacturer's 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 [and applied to representative samples of the actual substrate materials].

D. Quality Assurance/Control Submittals: Submit manufacturer's certification that applicator is a trained and authorized applicator.

E. Closeout Submittals: Submit the following:

1. Warranty documents specified herein.

Specifier Note: Article below should include prerequisites, standards, limitations, and criteria which establish an overall level of quality for products and workmanship for this section. Coordinate article below with Division 1 Quality Assurance Section. Retain, edit or delete text below to suit project requirements and specifier practice.

1.5 QUALITY ASSURANCE

A. Applicator Qualifications:

1. Utilize an applicator with demonstrated experience on projects of similar size and complexity.

B. Mock-ups: [Specify requirements for project mock-up].

1. Subject to acceptance by owner, mock-up may be retained and incorporated into finished work.
2. If mock-up is not incorporated into finished work, remove and properly dispose of mock-up.

C. Pre-Installation Meetings: Conduct a pre-installation meeting to verify project requirements, substrate conditions, and manufacturer's warranty requirements.

1. [Specify requirements for pre-installation meeting].

Specifier Note: Article below includes special and unique requirements. Coordinate article with Division 1 Product Requirements Section.

1.6 DELIVERY, STORAGE, AND HANDLING

A. General: Comply with Division 1 Product Requirements Section.

B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer:

1. Store materials in a dry area.
2. Protect materials from direct sunlight.
3. Store materials at a temperature between 40 degrees F (4 degrees C) and 120 degrees F (49 degrees C).

1.7 PROJECT/SITE CONDITIONS

A. Environmental Requirements:

1. Do not apply product to substrates having a moisture content exceeding 18%.
2. Do not apply product to a non-porous substrate.
3. Apply product when ambient temperature is between 50 degrees F (10 degrees C) and 90 degrees F (32 degrees C), in a relative humidity range of 20% to 80%.
4. Utilize forced air heating units installed in the structure.
 - a. Maintain structure at a minimum temperature of 50 degrees F for a period of 48 hours prior to application. Continue to maintain structure at that temperature through completion.
 - b. Maintain new unoccupied structures at a minimum temperature of 50 degrees F until structure is occupied.

[Specifier Note: Coordinate article below with Conditions of the Contract and with Division 1 Closeout Submittals \(Warranty\) Section.](#)

1.8 WARRANTY

A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.

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B. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under contract documents.

1. Provide warranty by wall finishes manufacturer that finished surfaces will not exhibit peeling or flaking under normal conditions of exposure and wear when the materials are applied according to manufacturer's instructions.

2. Warranty Period: Five years commencing with date of substantial completion.

1.9 MAINTENANCE

A. Extra Materials: Provide additional material for use by owner in building maintenance and repair.

B. Deliver extra touch-up materials to owner in original packaging with appropriate labeling. Provide 1/2 gallon from the same batch number, for every 5,000 square feet applied on the project.

PART 2 PRODUCTS

[Specifier Note: Retain article below for proprietary method specification. Add product attributes, performance characteristics, material standards, and descriptions as applicable.](#)

2.1 ACRYLIC TEXTURED COATING WALL FINISH

A. Manufacturer: Acrylic Technologies, Inc.

1. Contact: P.O. Box 8359, Bend, Oregon 97708. Telephone (541) 617-9494. Fax: (541) 617-9595. E-mail: ati@bendnet.com. Website: www.acrylitex.com.

B. Proprietary Products/Systems. Wall finish including the following:

1. ACRYLITEX BASE COAT

a. Material: acrylic textured coating.

2. ACRYLITEX TEXTURE COAT

a. Material: acrylic textured coating.

[Specifier Note: Specify desired finish texture below.](#)

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b. Finish Texture: [Light orange peel] [Medium orange peel] [Medium knockdown] [Heavy knockdown]

3. ACRYLITEX HAND TEXTURE

a. Material: acrylic textured coating

Specifier Note: Specify desired finish texture below.

b. Finish Texture: [Light] [Medium] [Heavy]

2.2 PRODUCT SUBSTITUTIONS

A. Substitutions: No substitutions permitted.

2.3 EQUIPMENT

A. Application Equipment: Utilize manufacturer-recommended application equipment as follows:

1. For Base Coat: Commercial grade sprayer equivalent to Speeflo 8900, Graco 7900, or large enough to spray a minimum of 2 gallons per minute.
2. For Texture Coat: Specially designed texture sprayer that combines variable speed control and high pressure, large spray rig or hand-held hopper.
3. For Hand Texture: Hawk and trowel or pan and knife for hand textures.
4. Accessories: Pole guns and sprayer tips, the size of which will vary with desired texture.

Specifier Note: Subordinate or secondary items that aid and assist the primary products specified above, or are necessary for preparation or application of those items, are listed below. Retain article below for applications over concrete. Delete article for applications to other substrates such as gypsum wallboard. Revise to suit project requirements and specifier practice.

PART 3 EXECUTION

Specifier Note: Revise article below to suit project requirements and specifier's practice.

3.1 MANUFACTURER'S INSTRUCTIONS

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A. Comply with the instructions and recommendations of the wall finish system manufacturer.

3.2 EXAMINATION

A. Site Verification of Conditions:

1. Verify that conditions are satisfactory for application of wall finish.
2. Conduct moisture test on substrate using a handheld calibrated moisture meter to determine surface moisture percentage.
3. Do not apply product until moisture levels comply with manufacturer's requirements, and until unsatisfactory conditions are corrected.

3.3 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 degrees F or ambient temperature of structure prior to application.

[Specifier Note: Retain, edit or delete paragraphs below to suit project requirements and specifier practice.](#)

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.

D. Additional Preparation for Gypsum Wallboard Surfaces:

1. Finish gypsum wallboard in compliance with Gypsum Association Finish Level 3 or higher.
2. Product is recommended for new gypsum substrate. Where the drywall is not new, apply drywall primer. Allow primer to completely dry before wall finish application.

F. Additional Preparation for New Concrete and Masonry Surfaces:

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1. Finish or grind concrete joints flat and level with adjacent surfaces.
2. Fill concrete and masonry surface imperfections such as cracks and honeycomb with a non-shrinking cementitious patching compound such as Sonoborn GelPatch or a comparable product.
3. Prepare new concrete and masonry surfaces by washing with a cleaning solution of two pounds of trisodium phosphate (TSP) mixed with one gallon of hot water. Allow 72 hours drying time before wall finish application.
4. Prime rust-stained areas with a sealing primer such as Kilz or a comparable product.

Specifier Note: Retain sub-paragraph below for application over existing concrete which has been painted. Consult manufacturer for more information.

Specifier Note: Coordinate article below with manufacturers recommended application requirements.

3.4 APPLICATION

A. General: Required coverage rates and mil thickness on interior substrates will vary depending on type of texture specified and applicator technique.

B. Apply wall finish material at the following nominal coverage rates and wet mil thickness:

1. [Base Coat: 225 sq. ft per gallon applied at 4-6 wet mils (0.004 to 0.006 inch).]
2. [Finish Coat - Light Orange Peel Texture: 200 sq. ft. per gallon applied at 8-10 wet mils (0.008 to 0.010 inch).]
3. [Finish Coat - Medium Orange Peel Texture: 180 sq. ft. per gallon applied at 12-14 wet mils (0.012 to 0.014 inch).]
4. [Finish Coat - Medium Knockdown Texture: 150 sq. ft. per gallon applied at 12-14 wet mils (0.012 to 0.014 inch).]
5. [Finish Coat - Heavy Knockdown Texture: 125 sq. ft. per gallon applied at 14-16 wet mils (0.014 to 0.016 inch).]
6. [Finish Coat – Hand Texture: 140-200 sq. ft. per gallon. Mil rate depends on thickness of texture.]

- B. Allow basecoat to completely dry before application of texture coat. For lighter colors, you may need to use additional Basecoat to cover. Drying time will vary dependent on air temperature, ventilation and relative humidity.

Specifier Note: Coordinate article below with Division 1 Execution Requirements (Cleaning) Section.

3.6 CLEANING

A. Using methods recommended by manufacturer; clean all areas of wall finish soiled after application and prior to project completion.

1. Allow at least 7 days curing after application of wall and ceiling finish before scrubbing surfaces to which it was applied.

3.7 PROTECTION

A. Protect applied finish material from damage due to subsequent construction activity.

Specifier Note: Use of finish schedule for this product is optional. If retaining this article, indicate locations on the project where product is to be applied. Example provided is informational only. Provide coordinating data as necessary.

3.8 SCHEDULE

A. Room Finishes:

1. Room Number: [_____].
2. Walls: [_____].
3. Ceiling: [_____].
4. Trim: [_____].
5. Doors: [_____].
6. Windows: [_____].

END OF SECTION 09700