Acrowall-CBS

High-impact resistant, water-managed wall system incorporating a cement-board core, reinforced base coat and 100% acrylic polymer exterior finish

INTRODUCTION
This specification is intended for applications on cement-board ASTM C1325 Type A Exterior, minimum 1/2" substrates over the following sheathings that are first applied over the framing and which may be required to satisfy structural requirements or fire resistive construction: PermaBase Cement-Board and other cement-boards conforming with ASTM C1325 (Type A-exterior), poured concrete/unit masonry, Fiberock® Aqua-Tough™ Sheathing, eXP™ by National Gypsum, GlasRoc® and GlasRoc® Type X by CertainTeed, DensGlass Gold® sheathing (ASTM C1177), gypsum sheathing (ASTM C1396), Exposure I or exterior plywood (Grade C-D or better), or Exposure I OSB. This Specification has been assembled to enable the design professional to select or delete sections to suit the project requirements.

TECHNICAL SUPPORT
Consult the BASF Wall Systems Technical Services Department at 800-589-1336 for specific recommendations concerning all other applications. Consult the Acrocrete website, www.acrocrete.basf.com, for additional information about products and systems and for updated literature.

PART 1 - GENERAL

1.01 SECTION INCLUDES
A. ACROWALL-CBS: composite wall system consisting of ACROSTOP™ T, ACROSTOP™ R or other code approved secondary air/weather barrier, base coat, reinforcing mesh and finish coat.
B. Schedule of Acrocrete® finish coat.

1.02 RELATED SECTIONS
A. Section 05400 Cold-Formed Metal Framing
B. Section 06001 Plywood Substrate
C. Section 06110 Wood Framing
D. Section 07195 Air Barriers
E. Section 07620 Sheet Metal Flashing and Trim: Perimeter Flashings
F. Section 07900 Sealants
G. Section 09100 Metal Support Systems
H. Section 09250 Gypsum Board

1.03 REFERENCES
B. ASTM D1682 Test for Break Load and Elongation of Textile Fabrics.
D. ASTM G23 Operating Light and Water Exposure Apparatus (Carbon-Arc Type) for Exposure of Non-metallic Materials.
E. ASTM G53 Operating Light and Water Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Non-metallic Materials.
F. ASTM C67 Sampling and Testing Brick and Structural Clay Tile.
I. FS TT-C-555B Coating Textured for Interior and Exterior Masonry Surfaces.
K. Mil. Std. 810B (Method 508) Mildew Resistance.
L. ASTM E96 (Method B) Water Vapor Transmission.
1.04 DEFINITIONS
ACROWALL-CBS: Exterior assembly comprised of ACROSTOP™ T, ACROSTOP™ R or other code approved secondary air/weather barrier, base coat, reinforcing mesh, and finish coat.

1.05 SYSTEM DESCRIPTION
Performance Requirements: System shall meet or exceed the following performance standards when tested in accordance with the following methods:
A. Accelerated Weathering: ASTM G23-81 (testing period of 2000 hours) or ASTM G53-81 (testing period of 3000 hours); No cracking, flaking, or adverse effects.
B. Wind-driven Rain: Federal Specification TT-C-555B; No visible leaks or dampness throughout to the rear face and less than 90 gram increase.
C. Salt Spray Resistance: ASTM B117 Salt Spray (Fog) Testing; testing period of 300 hours; No adverse effects.
D. Mildew Resistance: MIL Standard 810B, Method 508; no mildew growth supported after 28 days.
E. Abrasion Resistance: ASTM D968-81, Method A; no cracking, checking, or loss of film integrity after 500 liters of sand.
F. Surface Burning Characteristics: UL723, ASTM E84; test specimen consists of base coat, reinforcing mesh and finish coat; flame spread less than 25 and smoke developed less than 450.

1.06 SUBMITTALS
A. Submit under provisions of Section [01300] [01340].
B. Product Data: Provide data on ACROWALL-CBS materials, product characteristics, performance criteria, limitations and durability.
C. Shop Drawings: Indicate wall [and soffit] joint pattern and joint details, thickness, and installation details.
D. Samples: Submit [two] [ x ] [millimeter] [inch] size samples of ACROWALL-CBS illustrating finish coat [custom] color and texture range.
E. Certificate: System manufacturer’s approval of applicator.
F. System manufacturer’s installation instructions: Indicate preparation required, installation techniques, jointing requirements and finishing techniques.

1.07 QUALITY ASSURANCE
A. Applicator: Approved by BASF Wall Systems in performing work of this Section.
B. Field Samples:
   1. Provide under provisions of Section [01400] [ ].
   2. Construct one field sample panel for each color and texture, [ x ] [meters] [feet] in size of system materials illustrating method of attachment, surface finish, color and texture.
   3. Prepare each sample panel using the same tools and techniques to be used for the actual application.
   4. Locate sample panel where directed.
   5. Accepted sample panel may [not] remain as part of the work.

1.08 DELIVERY, STORAGE AND HANDLING
A. Deliver, store and handle products under provisions of Section [01600] [01610] [ ].
B. Deliver ACROWALL-CBS materials in original unopened packages with manufacturer’s labels intact.
C. Protect ACROWALL-CBS materials during transportation and installation to avoid physical damage.
D. Store ACROWALL-CBS materials in cool, dry place protected from freezing. Store at no less than 4°C/40°F (10°C/50°F for ACROSTONE™, ACROQUARTZ™, ACROFLAKE™ and ACROMICA™ finish).
E. Store insulation boards flat and protected from direct sunlight and extreme heat.
F. Store ACROWALL-CBS reinforcing mesh and SHEATHING FABRIC in cool, dry place protected from exposure to moisture.

1.09 PROJECT/SITE CONDITIONS
A. Do not apply ACROWALL-CBS in ambient temperatures below 4°C/40°F (10°C/50°F for ACROSTONE, ACROQUARTZ, ACROFLAKE and ACROMICA finish). Provide properly vented, supplementary heat during installation and drying period when temperatures less than 4°C/40°F (10°C/50°F for ACROSTONE, ACROQUARTZ, ACROFLAKE and ACROMICA finish) prevail.
B. Do not apply ACROWALL-CBS materials to frozen surfaces.
C. Maintain ambient temperature at or above 4°C/40°F (10°C/50°F for ACROSTONE, ACROQUARTZ, ACROFLAKE and ACROMICA finish) during and at least 24 hours after ACROWALL-CBS installation and until dry.
1.10 SEQUENCING AND SCHEDULING
A. Coordinate and schedule installation of ACROWALL-CBS with related work of other sections
B. Coordinate and schedule installation of trim, flashing, and joint sealers to prevent water infiltration behind the system.
C. Coordinate and schedule installation of windows, doors, A/C units, air seals etc.

1.11 WARRANTY
Provide Acrocrete® standard ten-year coating warranty for ACROWALL-CBS installations under provisions of Section [01700] [01740] [].

PART 2 - PRODUCTS

2.01 MANUFACTURERS
ACROWALL-CBS manufactured by BASF Wall Systems.

2.02 MATERIALS
A. Acrocrete® base coats
   1. ACROBASE® 60 OR 90 base coat: 100% acrylic base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems
   2. ACRODRY® base coat: Dry-mix base coat containing Portland cement; manufactured by BASF Wall Systems
   3. ACROBASE® HB base coat: Fiber-reinforced, 100% acrylic base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems
   4. ACROTITE® base coat: 100% acrylic-based, waterproof base coat, field-mixed with Portland cement; manufactured by BASF Wall Systems

[B. Portland cement: Conform to ASTM C150, Type I, II, or III, grey or white; fresh and free of lumps.]
[C. Acrocrete® DRAINAGE MAT: three-dimensional drainage core consisting of fused, entangled filaments, supplied by BASF Wall Systems]
D. Water: Clean and potable without foreign matter.
[E. Insulation board: expanded polystyrene; ASTM C578 Type 1; flame spread less than 25, smoke developed less than 450 per ASTM E-84, UL 723; minimum density 15.22 kg/m² (0.95 lb/ft²); K=6.09 per millimeter (0.24 per inch) 19 mm (3/4") thickness minimum as indicated on drawings meeting the following:
   1. Air dried (aged 6 weeks, or equivalent prior to installation).
   2. Edges: square within 0.8 mm per meter (1/32" per foot).
   3. Thickness: tolerance of plus or minus 1.6 mm (1/16").]
F. ACROCRETE® REINFORCING MESH: MIL-Y-1140G; Balanced, open weave glass fiber reinforcing mesh; twisted multi-end strands treated for compatibility with ACROWALL-ES components
   [1. ACROMESH™ 4: Standard weight.]
   [2. CORNER MESH: Intermediate weight, pre-marked for easy bending, for reinforcing at exterior corners.]
   [3. SELF-ADHERING MESH TAPE (4" or 9"): a standard weight mesh coated with a pressure sensitive adhesive and used with ACROSTOP T or base coat as reinforcement over acceptable sheathing joints, rough openings and at terminations.]
   [4. 4" SHEATHING FABRIC: for use with ACROSTOP R for reinforcement over acceptable sheathing joints, rough openings and at terminations.]
G. ACROPRIMER™: 100% acrylic-based primer; color [ ] to closely match the selected Acrocrete finish coat color; manufactured by BASF Wall Systems
H. Acrocrete® finish coat: [ACROTEX™ 100% acrylic resin finish; air cured, compatible with base coat; finish color factory-mixed; color [ ] as selected; finish texture [S05] [S10] [S15] [S20] [T15] [T20] [METALLIC ACROCOTÉ®] [ACROMICA™] [ACROQUARTZ™] [ACROSTONE™] [ACROFLAKE™] as scheduled.]
   - OR -
   [ACROTEXIL™ finish: Siliconized acrylic emulsion finish coat; air cured, finish color factory-mixed; color [ ] selected; finish texture [S05] [S10] [S15] [S20] [T15] [T20] as scheduled.]
   - OR -
   [ACROFLEX®] [siliconized ACROFLEXIL™] finish: 100% acrylic-based elastomeric finish, air cured, finish color factory-mixed, color [ ] as selected, finish texture [S05] [S10] [S15] [S20] [T15] [T20] as scheduled.]
NOTE: Select finish coat color with a light reflectance value (LRV) of 20% or higher. The use of dark colors (LRV less than 20%) is not recommended with EIF Systems that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 71˚C (160˚F).

2.03 ACCESSORIES
A. Starter track, L bead, J bead, angled termination bead, casing beads, corner beads, expansion joints and weep screed must comply with ASTM D1784 or C1063 for vinyl. Type as recommended by BASF Wall Systems
B. Air/weather barrier
   1. a. FLASHING PRIMER: water-based primer for use prior to application of ACROFLASH™ on all acceptable surfaces.
      b. ACROFLASH™: 30-mil thick, self-sealing, self-healing composite membrane of polyester fabric and rubberized asphalt. Compatible with ACROSTOP™ T or ACROSTOP™ R air/weather barrier.
         - OR -
         SELF-ADHERING MESH TAPE (4" or 9"): balanced, open weave glass fiber reinforcing mesh with adhesive; twisted multi-end strands treated for compatibility with system components for use with ACROSTOP T.
         - OR -
         ACROMESH™ 4: balanced, open weave glass fiber reinforcing mesh; twisted multi-end strands treated for compatibility with system components for use with ACROSTOP T.
         - OR -
         SHEATHING FABRIC: 4" spunbonded non-woven reinforced polyester web for use with ACROSTOP R.
   2. ACROSTOP™ T: 100% acrylic-based, fiber-reinforced air/weather barrier that is field mixed with Type I or Type II Portland cement.
      - OR -
      ACROSTOP™ R: ready-mixed, flexible air/weather barrier.
   3. Code approved air/weather barrier. Minimum type 15 felt or Kraft Building Paper or code approved equivalent.

PART 3 - EXECUTION

3.01 EXAMINATION
A. Verify project site conditions under provisions of Section [01039].
B. Walls
   C. 1. Sheathing
      a. [ ] Sheathing must be applied in accordance with project documents.
      b. Sheathing must be securely fastened per applicable building code and project requirements.
      c. Sheathing must be applied with corrosion resistant fasteners.
   2. Air/weather barrier/[DRAINAGE MAT]
      a. Verify that the air/weather barrier is installed over the sheathing per applicable building code requirements, manufacturers specifications and Acrocrete details, prior to application of the ACROWALL-CBS.
      [b. Acrocrete DRAINAGE MAT may be applied in strips or continuously over the secondary weather barrier.]
   3. Cement-Board Substrates
      a. Acceptable substrates are cement-boards which satisfy ASTM C1325 (Type A Exterior).
      b. Cement-board must be securely fastened per applicable building code and project requirements.
      c. Wall sheathings shall have maximum deflection not to exceed L/360 of span under positive or negative design loads unless otherwise approved in writing by Acrocrete before installation.
      d. Examine surfaces to receive ACROWALL-CBS and verify that substrate and adjacent materials are dry, clean and sound. Verify substrate surface is flat, free of fins or planar irregularities greater than 6 mm in 3 m (1/4" in 10').
      e. Cement-board must be a single piece around corners of openings.
      f. Cement-board must be fastened with corrosion resistant fasteners.
      g. Cement-board and sheathing joints must be offset.
4. Flashings
   a. Head, jamb and sills of all openings must be flashed with a minimum 230 mm (9") strip of secondary air/weather barrier prior to window/door, HVAC, etc. installation. Refer to Acrocrete Moisture Protection Guidelines.
   b. Windows and openings shall be flashed according to design and building code requirements.
   c. Individual windows that are ganged to make multiple units require that the heads be continuously flashed and/or the joints between the units must be fully sealed.

5. Decks
   a. Decks must be properly flashed prior to system application.
   b. The system must be terminated a minimum of 25 mm (1") above all decks, patios and sidewalks, etc.

6. Utilities
   The system must be properly terminated at all lighting fixtures, electrical outlets, hose bibs, dryer vents, etc.

7. Roof
   Verify that all roof flashings have been installed in accordance with the guidelines set forth by the Asphalt Roofing Manufacturers Association (ARMA).

8. Kick-out flashing
   Kick-out flashing must be leak-proof and angled (min 100 degrees) to allow for proper drainage and water diversion.

D. Unsatisfactory conditions shall be reported to the general contractor and/or builder and/or architect and/or owner. Do not proceed until all unsatisfactory conditions have been corrected.

E. Installation of ACROWALL-CBS is limited to residential and low rise commercial and institutional construction.

F. Supplemental framing/blocking may be required to secure cement board at vertical control/expansion joints.

3.02 PREPARATION
A. Protect all surrounding areas and surfaces from damage and staining during application of ACROWALL-CBS.
B. Protect finished work at end of each day to prevent water penetration.
C. Substrate preparation: Prepare substrates in accordance with Acrocrete instructions.

3.03 MIXING
General: No additives are permitted unless specified in product mixing instructions. Close containers when not in use. Prepare in a container that is clean and free of foreign substances. Do not use a container which has contained or been cleaned with a petroleum-based product. Clean tools with soap and water immediately after use.
[A. Air/weather barrier
   1. ACROSTOP™ T
      a. Mix ACROSTOP T with a clean, rust-free paddle and drill until thoroughly blended before adding Portland cement.
      b. Mix one part (by weight) Portland cement with one part ACROSTOP T. Add Portland cement in small increments, mixing until thoroughly blended after each additional increment.
      c. Up to 1 quart of clean, potable water per mixed pail (30 lbs of ACROSTOP T) may be added to adjust workability. Do not overwater.
   2. ACROSTOP™ R
      Mix ACROSTOP R with a clean, rust-free paddle and drill until thoroughly blended. Do not add water.]
B. Acrocrete base coat
   1. ACROBASE™ 60 OR 90, ACROTITE™, and ACROBASE® HB base coat
      a. Mix base coat with a clean, rust-free paddle and drill until thoroughly blended, before adding Portland cement.
      b. Mix one part (by weight) Portland cement with one part base coat. Add Portland cement in small increments, mixing until thoroughly blended after each additional increment.
      c. Clean, potable water may be added to adjust workability.
   2. ACRODRY™ base coat
      a. Mix and prepare each bag in a 19-liter (5-gallon) pail.
      b. Fill the container with approximately 5.6-liters (1.5-gallons) of clean, potable water.
      c. Add ACRODRY base coat in small increments, mixing after each additional increment.
      d. Mix ACRODRY base coat and water with a clean, rust-free paddle and drill until thoroughly blended.
      e. Additional ACRODRY base coat or water may be added to adjust workability.
ACROPRIMER™ and finish coats.
1. Mix ACROPRIMER with a clean, rust-free paddle and drill until thoroughly blended.
2. A small amount of clean, potable water may be added to adjust workability.

3.04 APPLICATION

General: Apply ACROWALL-CBS materials in accordance with Acrocrete® Specifications.
A. Accessories: Attach starter track per manufacturer’s instructions and ACROWALL-CBS Typical Details.
B. Air/weather barrier
1. All sheathing joints and windows/openings must be protected and the air/weather barrier applied according to Acrocrete current Secondary Moisture Protection Guidelines.
2. Substrate shall be of a type approved by BASF Wall Systems
3. Substrate shall be dry, clean, sound, and free of releasing agents, paint, or other residue or coatings.
Verify substrate is flat, free of fins or planar irregularities greater than 6.4 mm in 3 m (1/4" in 10').
4. Unsatisfactory conditions shall be reported to the general contractor and corrected before application of the ACROWALL-CBS.
5. Install air/weather barrier directly over sheathings.
   - OR -
   a. Center and apply SELF-ADHERING MESH TAPE (4" or 9") to all sheathing joints and terminations. Lap mesh 63.5 mm (2 1/2") minimum at intersections.
   b. Apply mixed ACROSTOP T to a minimum thickness of approximately 2.4 mm (3/32") to surface of the SELF-ADHERING MESH TAPE and at least 152.4 mm (6") on both sides of the sheathing joints.
   c. Apply mixed ACROSTOP T to the entire wall surface to a minimum thickness of approximately 2.4 mm (3/32") and allow to dry.
   - OR -
   a. Apply mixed ACROSTOP R with 4" roller and roller pad over all fasteners, sheathing joints, terminations, inside and outside corners.
   b. I. Immediately place and center 4" SHEATHING FABRIC over wet ACROSTOP™ R at all sheathing joints, terminations, inside and outside corners. Ensure fabric extends evenly on both sides of the sheathing joint.
   II. Lap mesh 63.5 mm (2 1/2") minimum at intersections.
   III. Allow to dry.
   c. Apply ACROSTOP™ R to the entire wall surface with a 19 mm (3/4") nap roller to a uniform consistent thickness of 10 mils with no pinholes or voids.
   Note: A minimum of two (2) 10 wet mil coats of ACROSTOP R is required over wood based sheathing.
6. Installed materials should be checked before final system application.
7. Ensure [air/weather barrier] [ACROSTOP R and SHEATHING FABRIC 4" or 9"] [ACROSTOP™ T and SELF-ADHERING MESH TAPE] overlap the top flange of the starter track.
C. Install cement board over secondary weather barrier in accordance to the manufacturer’s instructions and project requirements.
D. [Install trim accessories per manufacturer’s recommendations. Refer to Acrocrete’s Cement-Board Stucco Trim and Accessories bulletin for accessory placement].
E. Acrocrete® SELF-ADHERING MESH TAPE (4")
1. Center the SELF-ADHERING MESH TAPE (4") over all cement board joints and terminations and firmly press while unrolling.
2. Ensure SELF-ADHERING MESH TAPE is continuous, void of wrinkles. Overlap SELF-ADHERING MESH TAPE a minimum 65 mm (2 1/2")..
3. Apply mixed [ ] base coat to surface of SELF-ADHERING MESH TAPE by troweling from the center to the edges.
4. Allow base coat and SELF-ADHERING MESH TAPE to dry prior to application of Acrocrete® reinforcing mesh and base coat.
5. Allow 8–10 hours for thorough cure prior to applying a Acrocrete base coat/Adhesive to the cured surface of ACROSTOP T.
F. [Acrocrete® insulation board used for trim and quoins:
1. Pre-cut insulation board.
2. Apply mixed Acrocrete [ ] base coat to the entire surface of insulation board using a stainless steel trowel with 13 mm x 13 mm (1/2" x 1/2") notches spaced 13 mm apart (1/2") apart.
3. Immediately slide board into place and apply pressure over the entire surface of board to ensure uniform contact and high initial grab. Do not allow base coat to dry prior to installing.
4. Abut all joints tightly and ensure overall flush level surface.
5. Fill gaps with slivers of insulation board.
6. Allow application of insulation board to dry (normally 8–10 hours) prior to application of Acrocrete® base coat and mesh.
7. Rasp flush any irregularities greater than 1.6 mm (1/16").

G. Acrocrete® base coat/CORNER MESH and reinforcing mesh: base coat shall be applied so as to achieve reinforcing mesh embedment with no reinforcing mesh color visible.
   1. CORNER MESH
      a. Install CORNER MESH at exterior corners.
      b. Apply CORNER MESH prior to application of reinforcing mesh.
      c. Cut CORNER MESH to workable lengths.
      d. Apply mixed [ACROBASE® 60 OR 90] [ACRORDY™] [ACROTITE™] [ACROBASE® HB] base coat to insulation board at outside corners using a stainless steel trowel.
      e. Immediately place CORNER MESH against the wet base coat and embed the CORNER MESH into the base coat by troweling from the corner; butt edges and avoid wrinkles.
      f. After base coat is dry and hard, apply a layer of ACROMESH® 4 reinforcing mesh over the entire surface of the CORNER MESH in accordance with 3.04H.

H. ACROMESH® 4 reinforcing mesh.
   1. Apply mixed [ACROBASE® 60 OR 90] [ACRORDY] [ACROTITE] [ACROBASE® HB] base coat to entire surface of cement-board with a stainless steel trowel to embed the reinforcing mesh.
   2. Immediately place ACROMESH 4 reinforcing mesh against wet base coat and embed the reinforcing mesh into the base coat by troweling from the center to the edges.
   3. Lap reinforcing mesh 64 mm (2 1/2") minimum at edges.
   4. Ensure reinforcing mesh is continuous at corners, void of wrinkles and embedded in base coat so that no reinforcing mesh color is visible.
   5. If required, apply a second layer of base coat to achieve total nominal base coat/reinforcing mesh thickness of 1.6 mm (1/16").
   6. Allow base coat with embedded reinforcing mesh to dry hard (normally 8 to 10 hours).

I. Acrocrete ACROPRIMER™
   1. Apply ACROPRIMER to the base coat/reinforcing mesh with a sprayer, 10 mm (3/8") nap roller, or good-quality latex paint brush at a rate of approximately 3.6–6.1 m² per liter (150–250 ft² per gallon).
   2. ACROPRIMER shall be dry to the touch before proceeding to the Acrocrete finish coat application.

J. Acrocrete® finish coat
   1. ACROTEX™ finish: [S05] [S10] [S15] [S20] [T15] [T20] [METALLIC ACROCOTE®].
      - OR -
      ACROTEX SIL™ finish: [S05] [S10] [S15] [S20] [T15] [T20]
      - OR -
      [ACROFLEX®] [ACROFLEX SIL™] finish: [S05] [S10] [S15] [S20] [T15] [T20]
      a. Apply finish directly to the Acrocrete base coat/reinforcing mesh with a clean, stainless steel trowel. **NOTE: Certain colors may require the use of Acrocrete® ACROPRIMER™ over the Acrocrete base coat/reinforcing mesh prior to application of finish.**
      b. Apply and level finish during the same operation to minimum obtainable thickness consistent with uniform coverage.
      c. Maintain a wet edge on finish by applying and texturing continually over the wall surface.
      d. Work finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
      e. Float finish to achieve final texture.

   2. [ACROQUARTZ™] [ACROMICA™] [ACROFLAKE™] finish coat
      a. Apply ACROPRIMER™ to substrate in accordance with current Acrocrete ACROPRIMER Product Bulletin. ACROPRIMER shall be of corresponding color for selected [ACROQUARTZ] [ACROMICA] [ACROFLAKE] finish color. Allow ACROPRIMER to dry to the touch before proceeding to [ACROQUARTZ] [ACROMICA] [ACROFLAKE] finish application.
      b. Apply a tight coat of finish with a clean, stainless steel trowel.
      c. Maintain a wet edge on finish by applying and leveling continually over the wall surface.
d. Work finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area. Allow first coat to set until surface is completely dry prior to applying a second coat of finish.

e. For a smooth appearance, use a stainless steel trowel and apply the second coat of finish. Achieve final texture using circular motions.

f. For a textured appearance, apply the second coat of finish using a spray gun and hopper.

g. Double-back to achieve final texture.

h. Total thickness of finish shall be approximately 1.6 mm (1/16").

3. ACROSTONE™ finish

a. Apply ACROPRIMER™ to substrate in accordance with current ACROPRIMER Product Bulletin. ACROPRIMER shall be of corresponding color for selected ACROSTONE finish color. Allow ACROPRIMER to dry to the touch before proceeding to ACROSTONE finish application.

b. Apply a coat of ACROSTONE finish using a spray gun and hopper, maintaining a wet edge. Work to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.

c. Allow first coat of ACROSTONE finish to set until surface is completely dry prior to applying a second coat of ACROSTONE finish.

d. Apply a second coat of ACROSTONE finish using a spray gun and hopper; double back to achieve final texture.

e. Thickness of ACROSTONE finish may vary between 1.6 mm (1/16") and 3.2 mm (1/8"), depending upon texture.

NOTE: Spraying of ACROSTONE finish should be by the same manner, direction and mechanic on a particular elevation or project whenever possible, to maintain a uniform appearance. Maintain consistent air pressure to minimize texture variations. Stator or rotor design pumps are not recommended.

3.05 CLEANING

A. Clean work under provisions of Section [01700].

B. Clean adjacent surfaces and remove excess material, droppings, and debris.

3.06 PROTECTION

Protect finished work under provisions of Section [01500].
NOTE
BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as “BASF Wall Systems”)

RESIDENTIAL POLICY
On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for management of incidental moisture. The choices include water-managed EIFS, Acrowall-CP, and Acrowall-CBS. Acrowall Surfacing Systems for insulating concrete forms are also acceptable. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written permission from BASF Wall Systems (Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.) Consult BASF Wall Systems’ Technical Services Department for specific recommendations concerning all other applications. Consult the Acrocrete web-site, www.acrocrete.com for additional information about products and systems and for updated literature.

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