Acrowall-CP Wall System
Cement Plaster Stucco

1. Typical Acrowall-CP Wall System with Steel Framing
2. Typical Acrowall-CP Wall System with Wood Framing
3. Typical Acrowall-CP Wall System with CMU
4. Typical Acrowall-CP Wall System with CMU and Plaster Base
5. Typical Acrowall-CP Wall System with EPS Insulation Board
6. Typical Acrowall-CP Wall System with Channeled EPS Insulation Board
7. Typical Surface Control Joint
8. Typical Expansion Joint
9. Typical Drainage at Floorline
10. Typical Clad Window Jamb
11. Typical Clad Window Head
12. Typical Clad Window Sill
13. Typical Primed Window Head
14. Typical Primed Window Jamb
15. Typical Primed Window Sill
16. Typical EPS Shape Application
17. Typical Termination at Soffit/Gable End
18. Typical Termination at Foundation
19. Typical Kick-out Flashing
20. Typical Termination at Deck
21. Typical Coping
22. Typical Corner Bead
23. Typical Downspout Application
24. Typical Pipe Penetration
25. Typical Light Fixture
26. Typical Dryer Vent
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Basic requirements for water-resistive barrier:
  - One layer minimum No.15 felt on non-wood based sheathing.
  - Two layers minimum Grade D on wood based sheathing.
  - Acrostop R with one layer minimum Grade D as slip sheet on wood and non-wood based sheathing.
  - The use of PermaLath requires the use of a polymeric water-resistive barrier.
- Comply with applicable local building code.

Basic requirements for Plaster Base:
- Stuccobase 3/8” to 1/2” thickness:
  PermaLath, or min. 1” 20 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.
- Stuccobase min. 1/2” to nominal 7/8” thickness: PermaLath 1000 or min. 1 1/2” 17 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.
Notes:

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Stuccobase min. 3/8" thickness to max. 5/8" thickness. Thicknesses greater than 5/8" require the use of PermaLath 1000 or acceptable metal plaster base.

Notes:

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Basic requirements for Plaster Base:
  - Stuccobase 3/8" to 1/2" thickness:
    PermaLath, or min. 1" 20 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.
  - Stuccobase min. 1/2" to nominal 7/8" thickness: PermaLath 1000 or min. 1 1/2" 17 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.
Notes:

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Basic requirements for water-resistive barrier:
  - One layer Tyvek StuccoWrap or DrainWrap.
  - Acrostop R and grooved EPS insulation board.
  - The use of PermaLath requires the use of a polymeric water-resistive barrier.
  - Comply with applicable local building code.
- Basic requirements for Plaster Base:
  - Stuccobase 3/8" to 1/2" thickness: PermaLath, or min. 1" 20 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.
  - Stuccobase min. 1/2" to nominal 7/8" thickness: PermaLath 1000 or min. 1 1/2" 17 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.

- EPS channels on insulation board are a minimum 1/4" wide x 1/8" deep x 12" o.c.
Notes:

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Provide control joints at a maximum 144 sq.ft. and placement as determined by the design professional.
- Install per requirements of ASTM C1063.
- Lath must be broken at the joint accessory.

TYPICAL SURFACE CONTROL JOINT

TYPICAL EXPANSION JOINT

Notes:

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, and where movement is anticipated. It is the sole responsibility of the design professional to determine specific expansion joint location, placement and design.
- Install per requirements of ASTM C1063.
- Lath must be broken at the joint accessory.
- If using Acrostop R, replace Acrowrap with Acroflash.
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Water-resistive barrier shall be installed over flashing.
- Water-resistive barrier shall be installed up and behind flashing before terminating.
- Install per requirements of ASTM C1063.
- Lath must be broken at the joint accessory.
- It is recommended that a means for drainage is provided at every floor.

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistive barrier is properly applied into the rough openings in accordance with application guidelines. See Secondary Moisture Protection Barrier Guidelines for Acrocrete Stucco Wall System technical bulletin.
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistive barrier is properly applied over the head flashing. See Secondary Moisture Protection Barrier Guidelines for Acrocrete Stucco Wall System technical bulletin.
- Provide end-dams at flashing terminations.
- If using Acrostop R, replace Acrowrap with Acroflash.

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistive barrier is properly applied into the rough openings in accordance with application guidelines. See Secondary Moisture Protection Barrier Guidelines for Acrocrete Stucco Wall System technical bulletin.
- If using Acrostop R, replace Acrowrap with Acroflash.
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistive barrier is properly applied over the head flashing.
- Provide end-dams at flashing terminations.

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistive barrier is properly applied into the rough openings.
- If using Acrostop R, replace Acrowrap with Acroflash.
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistive barrier is properly applied into the rough openings.
- If using Acrostop R, replace Acrowrap with Acroflash.

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Overlap reinforced base coat onto Stuccobase a minimum of 76 mm (3").
- On horizontal projections greater than one inch maintain a minimum 6:12 slope.
TYPICAL TERMINATION AT SOFFIT/GABLE END

Notes:
• Verify all materials are installed in accordance with installation instructions and applicable code.

TYPICAL TERMINATION AT FOUNDATION

Notes:
• Verify all materials are installed in accordance with installation instructions and applicable code.
• Per ASTM C1063 terminate the stucco wall system a minimum of 102 mm (4") above raw earth and 51 mm (2") above paved surface.
• Water-resistant barrier shall be installed over weep screed flange.
**TYPICAL KICK-OUT FLASHING**

- **ACCEPTABLE SHEATHING** *
- PLASTER BASE
  - PERMALATH
  - PERMALATH 1003
  - METAL PLASTER BASE *
- ACRECRETE FINISH COAT
- ACRECRETE STUCCO BASE
- ACREPRIMER (OPTIONAL)
- WATER-RESISTIVE BARRIER
- CASING BEAD w/ WEEP HOLES *
- STEP FLASHING *
- ROOF SHINGLES *
- BACKER ROD AND SEALANT *
- KICK-OUT FLASHING *
- GUTTER *

(*) by others

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Terminate Stucco Wall System a minimum of 50 mm (2") above roof.
- Ensure step flashing is a minimum 50 mm (2") behind Acrowall-CP Wall System.
- Kick-out flashing a minimum 100 mm (4") in height.
- Kick-out flashing shall be angled a minimum 100° with seams sealed or soldered.
- Ensure a means for drainage is provided at system termination at roof.

**TYPICAL TERMINATION AT DECK**

- **FRAMING** *
- **ACCEPTABLE SHEATHING** *
- PLASTER BASE
  - PERMALATH
  - PERMALATH 1003
  - METAL PLASTER BASE *
- WATER-RESISTIVE BARRIER LAPPED OVER FLASHING
- CASING/STOP BEAD *
- METAL FLASHING *
- JOIST *
- DECKING AND FRAMING *
- SEALANT *
- BOND BREAKER OR BACKER ROD AND SEALANT *
- CASING/STOP BEAD *
- ACRECRETE FINISH COAT
- ACREPRIMER (OPTIONAL)
- ACRECRETE STUCCO BASE

(*) by others

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Water-resistive barrier shall be installed over flashing.
- Water-resistive barrier shall be installed up and behind metal flashing before terminating.
**Notes:**

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Extend coping a minimum of 51 mm (2") on to face of Acrowall-CP Wall System and seal drip edge.
- Water-resistive barrier shall be installed up and over the top and extended down the other side.

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**Typical Coping**

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**Notes:**

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Attach corner bead over plaster base.
- Water-resistive barrier shall be installed continuous around corner a minimum of 305 mm (12").
- Corner bead shall be filled solid with Stuccobase.
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Properly seal all penetrations through the stucco wall system.

**TYPICAL DOWNSPOUT APPLICATION**

- Framing *
- Acceptable Sheathing *
- Water-Resistive Barrier
- Acrocrete Finish Coat
- Downspout *
- Sleeve *
- Sealant *
- Fastener Set in Sealant *
- Downspout Strap *
- Acrocrete Stucco Base
- Plaster Base
  - PermaLath
  - PermaLath 1000
  - Metal Plaster Base *
- (* by others)

**Notes:**
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Properly seal all penetrations through the stucco wall system.

**TYPICAL PIPE PENETRATION**

- Framing *
- Acceptable Sheathing *
- Plaster Base
  - PermaLath
  - PermaLath 1000
  - Metal Plaster Base *
- Acrocrete Stucco Base
- AcroPrimer (Optional)
- Acrocrete Finish Coat
- Sealant *
- Sealant at Perimeter of Penetration *
- Water-Resistive Barrier
- (* by others)
**TYPICAL LIGHT Fixture**

**Notes:**
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Properly seal all penetrations through the stucco wall system.

**TYPICAL DRYER VENT**

**Notes:**
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Properly seal all penetrations through the stucco wall system.
Note
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Residential Policy
Apply wall systems in accordance with local building codes in force at the time of construction. On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage.

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