Acrocrete Platinum CI Stucco Ultra

Typical details for a premium impact and puncture resistant rain screen design cement plaster stucco system featuring Neopor rigid insulation board and Acrostop R.
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Notes:

- Install BASF materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of BASF products.
- The details within represent BASF Corporation - Wall Systems (hereinafter BASF Wall Systems) latest recommendations. They are presented in good faith by BASF Wall Systems. The details are subject to change without notice. BASF Wall Systems accepts no liability for the end use of the details. For conditions not shown, consult BASF Wall Systems for review of specific detail.
TYPICAL FASTENING PATTERN

Notes:
- Sheathing:
  Fasten per sheathing manufacturer’s recommendations or project design requirements.
- BASF Drainage Mat:
  Use sufficient fasteners to hold in place until application of Neopor Rigid Insulation Board.
- Neopor Rigid Insulation Board:
  Secure with 2 to 3 fasteners per board to hold in place until lath is installed.
- Lath – PermaLath or PermaLath 1000: use appropriate fasteners spaced not more than 152 mm (6") o.c. vertically, 406 mm (16") o.c. horizontally; metal or wire lath: use appropriate fasteners spaced not more than 178 mm (7") o.c. vertically, 406 mm (16") or 610 mm (24") o.c. horizontally, per requirements of ASTM C1063. Refer to Acrocrete Platinum CI Stucco Ultra specifications.
Notes:

- Ensure Acrostop R is dry prior to BASF Drainage Mat installation.

- Basic requirements for Plaster Base:
  - StuccoBase 3/8” to ½” thickness: PermaLath, or min. 1” 20 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.
  - StuccoBase equal to or greater than ½” thickness: PermaLath 1000 or min. 1½ ” 17 ga. wire, min. 2.5 lb/sq.yd. metal lath or acceptable alternative.

TYPICAL FRAMED/SHEATHED CONSTRUCTION

FRAMING*
ACCEPTABLE SHEATHING*
BASF DRAINAGE MAT
ACROSTOP R
NEOPOR RIGID INSULATION BOARD
PERMALATH/PERMALATH 1000 OR METAL PLASTER BASE
BASF STUCCOBASE
ACROCRETE FINISH
MECHANICAL FASTENER
ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME

(+ NOTE: BY OTHERS)

PCISU-02 0614

TYPICAL MASONRY/CONCRETE CONSTRUCTION

MASONRY/CONCRETE*
NEOPOR RIGID INSULATION BOARD
BASF DRAINAGE MAT
ACROSTOP R
PERMALATH/PERMALATH 1000 OR METAL PLASTER BASE
BASF STUCCOBASE
ACROCRETE FINISH
MECHANICAL FASTENER
ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME

(+ NOTE: BY OTHERS)

PCISU-03 0614
Acrocrete Platinum CI Stucco Ultra Details

TYPICAL TERMINATION AT FOUNDATION - FLUSH WITH CASING / STOP BEAD

- Terminate the Platinum CI Stucco Ultra system a minimum of 152 mm (6") above raw earth and 50 mm (2") above paved surface.
- Embed Sheathing Fabric in Acrostop R where it laps over the casing/stop bead flange.
- Ensure casing/stop bead includes weep holes to facilitate drainage.

TYPICAL TERMINATION AT FOUNDATION WITH CASING / STOP BEAD

- Terminate the Platinum CI Stucco Ultra system a minimum of 152 mm (6") above raw earth and 50 mm (2") above paved surface.
- Provide minimum 25 mm (1") overlap at framing/foundation transition.
- Embed Sheathing Fabric in Acrostop R where it laps over the casing/stop bead flange.
- Ensure casing/stop bead includes weep holes to facilitate drainage.
Notes:
- Terminate the Platinum CI Stucco Ultra system a minimum of 152 mm (6") above raw earth and 50 mm (2") above paved surface.
- Provide minimum 25 mm (1") overlap at framing/foundation transition.
- Embed Sheathing Fabric in Acrostop R where it laps over the Amico C-I Weep Trac flange.

Notes:
- Ensure Acrostop R application is continuous behind the Platinum CI Stucco Ultra system at change in substrate – apply WS Flash with Flashing Primer at change in substrate followed by fully coating WS Flash with Acrostop R.
- Do not apply finish into joint to receive sealant.
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TYPICAL TRIM JUNCTION

- 3 MM (1/8") GAP OR AS RECOMMENDED BY TRIM MANUFACTURER
- ACCEPTABLE SEALANT
- NYLON ANCHOR OR WIRE TIE TO PERMALATH / PERMALATH 1000 OR METAL PLASTER BASE
- MITER TRIM AS SHOWN
- VERTICAL TRIM TO BE CONTINUOUS
- ACCEPTABLE SEALANT
- NYLON ANCHOR OR WIRE TIE TO PERMALATH / PERMALATH 1000 OR METAL PLASTER BASE
- 3 MM (1/8") GAP OR AS RECOMMENDED BY TRIM MANUFACTURER

(* NOTE: BY OTHERS)

TYPICAL SURFACE CONTROL JOINT

- FRAMING*
- ACCEPTABLE SHEATHING*
- NEOPOR RIGID INSULATION BOARD
- PERMALATH / PERMALATH 1000 OR METAL PLASTER BASE
- BASF STUCCOBASE
- BASF DRAINAGE MAT
- ACROSTOP R
- NYLON ANCHOR OR WIRE TIE
- SURFACE CONTROL JOINT
- ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME
- ACROCRETE FINISH

(* NOTE: BY OTHERS)

Notes:
- At trim intersection, it is recommended that the vertical trim be continuous.

- Provide control joints every 13m² (144 ft²) and placement as determined by the design professional. Maximum recommended uncontrolled length or width is 5.5 m (18 ft) and a maximum uncontrolled length to width ratio of 2 1/2 to 1.
- Lath must be broken at the control joint accessory.
Notes:
- Ensure Acrostop R application is continuous behind the Platinum CI Stucco Ultra system – embed Sheathing Fabric in Acrostop R at inside corner.

Notes:
- Extend Acrocrete Reinforcing Mesh and Base Coat from band or shape onto StuccoBase a minimum of 76 mm (3”).
- Provide a 6:12 slope on horizontal applications greater than 1”.
- Adhere EPS or Neopor Rigid Insulation band/shape with Acrocrete Base Coat to StuccoBase surface.
Acrocrete Platinum CI Stucco Ultra Details

TYPICAL CORNER BEAD

- FRAMING*
- ACCEPTABLE SHEATHING*
- ACROSTOP R
- BASF DRAINAGE MAT
- NEOPOR RIGID INSULATION BOARD
- PERMALATH/PERMALATH 1000 OR METAL PLASTER BASE
- BASF STUCCOBASE
- CORNER BEAD / CORNER AID
- ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME
- ACROCRETE FINISH

Notes:
- Attach corner bead with wire ties, anchors or fasteners to resist movement during application of StuccoBase.
- Fill corner bead solid with StuccoBase.

TYPICAL DECORATIVE SHAPE

- FRAMING*
- ACCEPTABLE SHEATHING*
- ACROSTOP R
- BASF DRAINAGE MAT
- NEOPOR RIGID INSULATION BOARD
- ACROCRETE BASE COAT
- PERMALATH/PERMALATH 1000 OR METAL PLASTER BASE
- BASF STUCCOBASE
- ACROCRETE REINFORCING MESH EMBEDDED IN ACROCRETE BASE COAT
- EPS OR NEOPOR RIGID INSULATION SHAPE
- ACROCRETE FINISH

Notes:
- Extend Acrocrete Reinforcing Mesh and Base Coat from band or shape onto StuccoBase a minimum of 76 mm (3”).
- Adhere EPS or Neopor Rigid Insulation band/shape with Acrocrete Base Coat to StuccoBase surface.
Notes:
- Embed Sheathing Fabric in Acrostop R where it laps over the Amico C-I Weep Trac flange.
- Provide end-dams at flashing terminations.
- Seal flashing drip edge to window frame.

TYPICAL WINDOW HEAD (FLUSH)

TYPICAL WINDOW HEAD (RECESSED)

Notes:
- Embed Sheathing Fabric in Acrostop R where it laps over the Amico C-I Weep Trac flange.
**Acrocrete Platinum CI Stucco Ultra Details**

### TYPICAL FLANGED WINDOW HEAD

- ACCEPTABLE SHEATHING*
- ACROSTOP R
- ACROCRETE FINISH
- BASF DRAINAGE MAT
- SHEATHING FABRIC
- NEOPOR RIGID INSULATION BOARD
- PERMALATH / PERMALATH 1000 OR METAL PLASTER BASE
- BASF STUCCOBASE
- ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME
- CORNER BEAD
- WINDOW HEAD FLASHING*  
  - BACKER ROD AND SEALANT*
  - AMICO C-I WEEP TRAC™
  - WINDOW**

(† NOTE: BY OTHERS)

**Notes:**
- As recommended by window manufacturer, apply sealant to back of window flange at head prior to installation of window.
- Embed Sheathing Fabric in Acrostop R where it laps over the Amico C-I Weep Trac flange.
- Provide end-dams at flashing terminations.
- Seal flashing drip edge to window frame.

### TYPICAL WINDOW JAMB (FLUSH)

- FRAMING*
- ACCEPTABLE SHEATHING*
- ACROSTOP R
- BASF DRAINAGE MAT
- NEOPOR RIGID INSULATION BOARD
- AMICO C-I WEEP TRAC™
- CORNER BEAD
- PERMALATH / PERMALATH 1000 OR METAL PLASTER BASE
- BASF STUCCOBASE
- ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME
- BACKER ROD AND SEALANT*
- ACROCRETE FINISH
- WINDOW**

(† NOTE: BY OTHERS)

**Notes:**
- Ensure Acrostop R and Sheathing Fabric are properly applied into rough opening in accordance with application guidelines. Reference *Air/Water-Resistive/Vapor Barrier Application Guidelines* technical bulletin.
- Do not apply finish into joint to receive sealant.
- Use non-hole punched version of Amico C-I Weep Trac on jambs.
Notes:
- Ensure Acrostop R and Sheathing Fabric are properly applied into rough opening in accordance with application guidelines. Reference Air/Water-Resistant/Vapor Barrier Application Guidelines technical bulletin.
- Use non-hole punched version of Amico C-I Weep Trac on jambs.

TYPICAL WINDOW JAMB (RECESSED)

Notes:
- Ensure Acrostop R and Sheathing Fabric are properly applied into rough opening in accordance with application guidelines. Reference Air/Water-Resistant/Vapor Barrier Application Guidelines technical bulletin.
- As recommended by window manufacturer, apply sealant to back of window flange at jamb prior to installation of window.
- Use non-hole punched version of Amico C-I Weep Trac on jambs.
- Embed Sheathing Fabric in Acrostop R where it overlaps over Amico C-I Weep Trac flange.
Notes:
- Ensure Acrostop R and Sheathing Fabric are properly applied into rough opening in accordance with application guidelines. Reference Air/Water-Resistive/Vapor Barrier Application Guidelines technical bulletin.
- Do not apply finish into joint to receive sealant.
- Use non-hole punched version of Amico C-I Weep Trac on sill.
Notes:
- Ensure Acrostop R and Sheathing Fabric are properly applied into rough opening in accordance with application guidelines. Reference Air/Water-Resistant/Vapor Barrier Application Guidelines technical bulletin.
- Do not seal window sill flange unless recommended by window manufacturer.
- Use non-hole punched version of Amico C-I Weep Trac on sill.

TYPICAL FLANGED WINDOW SILL

Notes:
- Acrostop R with Sheathing Fabric or WS Flash with Flashing Primer can be applied from sheathing onto pipe in lieu of the secondary seal.
- Ensure all penetrations through the Platinum CI Stucco Ultra system are properly sealed.
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**TYPICAL DRYER VENT**

- ACCEPTABLE SHEATHING*
- ACROSTOP R
- ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME
- BASF STUCCOBASE
- PERMALATH / PERMALATH 1000 OR METAL PLASTER BASE
- SEALANT AT PERIMETER OF SHEATHING PENETRATION*
- DRYER VENT FLANGE SET IN SEALANT*
- VENT SLEEVE*
- DRYER VENT*
- BASF DRAINAGE MAT
- NEOPOR RIGID INSULATION BOARD
- FASTENERS THROUGH SLEEVE*
- FASTENERS SET IN SEALANT*
- ACROCRETE FINISH

Notes:
- Acrostop R with Sheathing Fabric or WS Flash with Flashing Primer can be applied from sheathing onto pipe in lieu of the secondary seal.
- Ensure all fastener penetrations through the Platinum CI Stucco Ultra system are properly sealed.

**TYPICAL DOWNSPOUT**

- ACCEPTABLE SHEATHING*
- BASF DRAINAGE MAT
- ACROCRETE BASE COAT (ACROCRETE REINFORCING MESH OPTIONAL) OR BASF STUCCOPRIME
- ACROCRETE FINISH
- BASF STUCCOBASE
- PERMALATH / PERMALATH 1000 OR METAL PLASTER BASE
- NEOPOR RIGID INSULATION BOARD
- DOWNSPOUT*
- FASTENER W/ SLEEVE SET IN SEALANT*
- DOWNSPOUT STRAP SET IN SEALANT*

Notes:
- Ensure all fastener penetrations through the Platinum CI Stucco Ultra system are properly sealed.
Notes:
- Ensure all penetrations through the Platinum CI Stucco Ultra system are properly sealed.

TYPICAL LIGHT FIXTURE

Notes:
- It is recommended to lap coping or roof edge flashing over the Platinum CI Stucco Ultra system a minimum of 50 mm (2") with drip edge sealed.

TYPICAL TERMINATION AT METAL COPING / ROOF EDGE FLASHING - OPTION 01
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TYPICAL TERMINATION AT METAL COPING / ROOF EDGE FLASHING - OPTION 02

Notes:
- It is recommended to lap coping or roof edge flashing over the Platinum CI Stucco Ultra system a minimum of 50 mm (2”) with drip edge sealed.

TYPICAL FLASHING / TERMINATION AT ROOF

Notes:
- Embed Sheathing Fabric in Acrostop R where it laps over the Amico C-I Weep Trac flange.
- Terminate Platinum CI Stucco Ultra system a minimum of 50 mm (2”) above sloped roof.
**Notes:**

- Embed Sheathing Fabric in Acrostop R where it laps over the Amico C-I Weep Trac flange.
- Terminate Platinum CI Stucco Ultra system a minimum of 50 mm (2") above sloped roof.
- Extend step flashing 50 mm (2") behind Platinum CI Stucco Ultra system.
- Kickout flashing: sealed or soldered seams, recommended minimum 100 mm (4") in height, extend 50 mm (2") from wall and angled to direct water into gutter/away from wall surface.

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