Acrowall-CBS

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

Typical Details

1. ACROWALL-CBS System Design Application (Plan View)
2. ACROWALL-CBS System Design Application (Isometric View)
3. Clad Window Jamb (Plan View)
4. Clad Window Head
5. Clad Window Sill
6. Primed Window Head
7. Primed Window Jamb (Plan View)
8. Horizontal Expansion Joint at Floorline Wood Frame Construction
9. Control Joint—Reveal 1
10. Control Joint—Reveal 2
11. Control Joint—Reveal 3
12. Termination at Soffit/Gable End
13. Downspout Application (Plan View)
14. Pipe Penetration
15. Light Fixture
16. Dryer Vent
17. Termination at Foundation
18. Termination at Top of Deck
19. Termination at Bottom of Deck
20. Metal Coping
21. EPS Shape Application
22. Corner (Plan View)
23. Fascia/Soffit
24. Kick-out Flashing
1. TYPICAL ACROWALL-CBS SYSTEM DESIGN APPLICATION (PLAN VIEW)

2. TYPICAL ACROWALL-CBS SYSTEM DESIGN APPLICATION (ISOMETRIC VIEW)
3. TYPICAL CLAD WINDOW JAMB DETAIL (PLAN VIEW)

4. TYPICAL CLAD WINDOW HEAD DETAIL
5. TYPICAL CLAD WINDOW SILL DETAIL

6. TYPICAL PRIMED WINDOW HEAD DETAIL
7. TYPICAL PRIMED WINDOW JAMB (PLAN VIEW)

8. TYPICAL HORIZONTAL EXPANSION JOINT AT FLOORLINE WOOD FRAME CONSTRUCTION
9. CONTROL JOINT — REVEAL 1

- ACCEPTABLE SHEATHING
- ACROSTOP™ T, ACROSTOP R OR SECONDARY MOISTURE PROTECTION BARRIER
- TRIM ACCESSORY
- CEMENT BOARD
- ACROCRETE® LAMINA:  
  - ACROCRETE BASE COAT
  - ACROCRETE REINFORCING MESH
  - ACROCRETE FINISH COAT

NOTE: REFER TO ACROWALL-CBS TRIM ACCESSORIES PRODUCT BULLETIN FOR PROPER TRIM ACCESSORY ATTACHMENT

10. CONTROL JOINT — REVEAL 2

- ACCEPTABLE SHEATHING
- ACROSTOP™ T, ACROSTOP R OR SECONDARY MOISTURE PROTECTION BARRIER
- TRIM ACCESSORY
- CEMENT BOARD
- ACROCRETE® LAMINA:  
  - ACROCRETE BASE COAT
  - ACROCRETE REINFORCING MESH
  - ACROCRETE FINISH COAT

NOTE: REFER TO ACROWALL-CBS TRIM ACCESSORIES PRODUCT BULLETIN FOR PROPER TRIM ACCESSORY ATTACHMENT
11. CONTROL JOINT—REVEAL 3

12. TYPICAL TERMINATION AT SOFFIT/GABLE END
13. TYPICAL DOWNSPOUT APPLICATION (PLAN VIEW)

- Framing
- Acceptable sheathing
- Fastener set in sealant
- Sleeve
- Sealant
- Downspout strap
- Downspout
- Cement board

ACROSTOP™, ACROSTOP R or secondary moisture protection barrier

ACROCRETE® LAMINA:
- ACROCRETE base coat
- ACROCRETE reinforcing mesh
- ACROCRETE finish coat

14. TYPICAL PIPE PENETRATION

- Framing
- Acceptable sheathing

ACROSTOP™, ACROSTOP R or secondary moisture protection barrier

Sealant at perimeter of penetration

Cement board

ACROCRETE LAMINA:
- ACROCRETE base coat
- ACROCRETE reinforcing mesh
- ACROCRETE finish coat
15. TYPICAL LIGHT FIXTURE

16. TYPICAL DRYER VENT
17. TYPICAL TERMINATION AT FOUNDATION

18. TYPICAL TERMINATION AT TOP OF DECK
19. TYPICAL TERMINATION AT BOTTOM OF DECK

20. TYPICAL METAL COPING DETAIL
21. TYPICAL EPS SHAPE APPLICATION

22. TYPICAL CORNER DETAIL (PLAN VIEW)
23. TYPICAL FASCIA / SOFFIT

ACROCRETE® LAMINA:
• ACROCRETE BASE COAT
• ACROCRETE REINFORCING MESH
• ACROCRETE FINISH COAT

NOTE:
• KICK-OUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
• KICK-OUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
• TERMINATE ACROWALL-CBS SYSTEM 50 MM (2") MIN. ABOVE ROOF.

24. TYPICAL KICK-OUT FLASHING DETAIL

ACROCRETE® LAMINA:
• ACROCRETE BASE COAT
• ACROCRETE REINFORCING MESH
• ACROCRETE FINISH COAT

NOTE:
• KICK-OUT FLASHING MUST BE ANGLED 100° MIN. TO ALLOW FOR PROPER DRAINAGE.
• KICK-OUT FLASHING SEAMS MUST BE SOLDERED OR SEALED WITH APPROPRIATE SEALANT.
• TERMINATE ACROWALL-CBS SYSTEM 50 MM (2") MIN. ABOVE ROOF.
Note
BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as “BASF Wall Systems”)

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. Please view the Acrocrete Residential Policy Bulletin on the Acrocrete website for a more detailed discussion of this topic.

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