Senergy® Cement-Board Stucco™ Systems

TYPICAL DETAILS
1021100

1. Cement-Board Stucco 1000 System Design Application (Plan View)
2. Cement-Board Stucco 1000 System Design Application (Isometric View)
3. Cement-Board Stucco 500 System Design Application (Plan View)
4. Cement-Board Stucco 500 System Design Application (Isometric View)
5. Clad Window Jamb (Plan View)
6. Clad Window Head
7. Clad Window Sill
8. Primed Window Head
9. Primed Window Jamb (Plan View)
10. Horizontal Expansion Joint at Floorline Wood Frame Construction
11. Control Joint — Reveal 1
12. Control Joint — Reveal 2
13. Control Joint — Reveal 3
14. Termination at Soffit / Gable End
15. Downspout Application (Plan View)
16. Pipe Penetration
17. Light Fixture
18. Dryer Vent
19. Termination at Foundation
20. Termination at Top of Deck
21. Termination at Bottom of Deck
22. Metal Coping Detail
23. EPS Shape Application
24. Corner Detail (Plan View)
25. Fascia / Soffit
26. Kick-out Flashing
Senergy® Cement-Board Stucco™ System

CBS-01 TYPICAL CEMENT-BOARD STUCCO 1000 SYSTEM DESIGN
APPLICATION (PLAN VIEW)

CBS-02 TYPICAL CEMENT-BOARD STUCCO 1000 SYSTEM DESIGN
APPLICATION (ISOMETRIC VIEW)

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

CBS-03 TYPICAL CEMENT-BOARD STUCCO 500 SYSTEM DESIGN
APPLICATION (PLAN VIEW)

CBS-04 TYPICAL CEMENT-BOARD STUCCO 500 SYSTEM
APPLICATION (ISOMETRIC VIEW)
CBS-05 TYPICAL CLAD WINDOW JAMB DETAIL (PLAN VIEW)

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
CEMENT BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
SENERSHIELD, SENERSHIELD-R, 9" SENERFLASH OR SENERWRAP
CASING BEAD
MIN. 13 mm (1/2")
BOND BREAKER TAPE AND SEALANT
CLAD WINDOW

CBS-06 TYPICAL CLAD WINDOW HEAD DETAIL
CBS-07 TYPICAL CLAD WINDOW SILL DETAIL

- Framing
- Acceptable Sheathing: Senershield, Senershield-R, 9" Seneflash or Senewrap
- Senershield, Senershield-R or secondary moisture protection barrier
- Cement board
- Senergy lamina: Senergy base coat, Senergy reinforcing mesh, Senergy finish coat

CBS-08 TYPICAL PRIMED WINDOW HEAD DETAIL

- Framing
- Acceptable Sheathing
- Senershield, Senershield-R or secondary moisture protection barrier
- Cement board
- Senergy lamina: Senergy base coat, Senergy reinforcing mesh, Senergy finish coat
- Casing bead with weeps
- Drip edge flashing set in sealant
- Primed window

Note: Framing, acceptable sheathing and sealant by others.
CBS-11 CONTROL JOINT—REVEAL 1

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

NOTE : REFER TO CEMENT-BORD STUCCO 500 & 1000 TRIM ACCESSORIES PRODUCT BULLETIN #1023352 FOR PROPER TRIM ACCESSORY ATTACHMENT

CBS-12 CONTROL JOINT—REVEAL 2

NOTE: REFER TO CEMENT-BOARD STUCCO 500 & 1000 TRIM ACCESSORIES PRODUCT BULLETIN #1023352 FOR PROPER TRIM ACCESSORY ATTACHMENT
Senergy® Cement-Board Stucco™ System

CBS-13 CONTROL JOINT—REVEAL 3

- Framing
- Blocking
- Soffit
- Trim
- Frieze Board

- Senergy Shield, Senergy Shield-R or Secondary Moisture Protection Barrier
- Acceptable Sheathing
- Sealant
- Cment Board
- Senergy Lamina:
  - Senergy Base Coat
  - Senergy Reinforcing Mesh
  - Senergy Finish Coat

NOTE: Framing, Acceptable Sheathing and Sealant by others.

CBS-14 TYPICAL TERMINATION AT SOFFIT/GABLE END

- Framing
- Blocking
- Soffit
- Trim
- Frieze Board

- Senergy Shield, Senergy Shield-R or Secondary Moisture Protection Barrier
- Acceptable Sheathing
- Cment Board
- Senergy Lamina:
  - Senergy Base Coat
  - Senergy Reinforcing Mesh
  - Senergy Finish Coat

NOTE: Refer to Cement-Board Stucco 500 & 1000 Trim Accessories Product Bulletin #1023352 for proper trim accessory attachment.
CBS-18 TYPICAL DRYER VENT

FRAMING

ACCEPTABLE SHEATHING

SET FLANGE IN SEALANT

SENNERSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER

FASTENER THROUGH NYLON SLEEVE

CEMENT BOARD

SENNERSHIELD LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

CBS-18 TYPICAL DRYER VENT

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
CBS-19 TYPICAL TERMINATION AT FOUNDATION

FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
CEMENT BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
CASING BEAD WITH WEEPS
FLASHING
SEALANT
FOUNDATION

NOTE:
TERMINATE SENERGY CEMENT-BOARD STUCCO SYSTEM 203 mm (8") MIN. ABOVE GRADE.

CBS-20 TYPICAL TERMINATION AT TOP OF DECK

FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
CEMENT BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
CASING BEAD WITH WEEPS
FLASHING
SEALANT
DECK
JOIST
FLASHING SET IN SEALANT
SEALANT

MIN. 50 mm (2")
MIN. 25 mm (1")
CBS-21 TYPICAL TERMINATION AT BOTTOM OF DECK

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

CBS-22 TYPICAL METAL COPING DETAIL
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
MIN. 6:12 SLOPE
EPS AESTHETIC BAND
SENERGY BASE COAT
CEMENT BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

CBS-23 TYPICAL EPS SHAPE APPLICATION

2 LAYERS FLEXGUARD 4
FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
CEMENT BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

CBS-24 TYPICAL CORNER DETAIL (PLAN VIEW)
Senergy® Cement-Board Stucco™ System

**CBS-25 TYPICAL FASCIA / SOFFIT DETAIL**

- **ACCEPTABLE SHEATHING**
- **SENSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER**
- **CEMENT-BOARD**
- **SENERGY LAMINA**: • SENERGY BASE COAT • SENERGY REINFORCING MESH • SENERGY FINISH COAT
- **DRAINAGE TRIM ACCESSORY**
- **CASING BEAD**
- **CEMENT BOARD**
- **SENERGY LAMINA**: • SENERGY BASE COAT • SENERGY REINFORCING MESH • SENERGY 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 SENERGY CEMENT-BOARD STUCCO 1000 SYSTEM 50 MM (2”) MIN. ABOVE ROOF.

**CBS-26 TYPICAL KICK-OUT FLASHING DETAIL**

- **ACCEPTABLE SHEATHING**
- **STEP FLASHING**
- **SENSHIELD, SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER**
- **CEMENT-BOARD STUCCO SYSTEM**
- **BACKER ROD AND SEALANT**
- **MIN. 100 mm (4”)**
- **MIN. 50 mm (2”)**
- **SENERGY LAMINA**: • SENERGY BASE COAT • SENERGY REINFORCING MESH • SENERGY FINISH COAT
- **BUILDING PAPER**
- **ROOF SHINGLES**
- **DRIP EDGE**
- **KICK-OUT FLASHING**

**NOTE:** FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
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Technical Support
Consult the BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com, for additional information about products and systems and for updated literature.

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 water drainage. The choices include Senturion® line of water drainage EIFS, commercial Senerflex® Channeled Adhesive or Channeled Insulation Design, Senergy Stucco Wall System, and Senergy Cement-Board Stucco™ Systems. 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 authorization from BASF Wall Systems. Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water drainage provisions described above. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable. See the Senergy Residential Policy Bulletin for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com for additional information about products and systems and for updated literature.

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