Sentry Stucco Plus Wall System
Premium cement plaster stucco with a fluid applied air/water-resistant barrier

1. Typical Sentry Stucco Plus Wall System with Steel Framing
2. Typical Sentry Stucco Plus Wall System with Wood Framing
3. Typical Sentry Stucco Plus Wall System with CMU
4. Typical Surface Control Joint
5. Typical Expansion Joint
6. Typical Drainage at Floorline
7. Typical Clad Window Jamb
8. Typical Clad Window Head
9. Typical Clad Window Sill
10. Typical Primed Window Head
11. Typical Primed Window Jamb
12. Typical Primed Window Sill
13. Typical EPS Shape Application
14. Typical Termination at Soffit/Gable End
15. Typical Termination at Foundation
16. Typical Kick-out Flashing
17. Typical Termination at Deck
18. Typical Coping
19. Typical Corner Bead
20. Typical Downspout Application
21. Typical Pipe Penetration
22. Typical Light Fixture
23. Typical Dryer Vent
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Basic requirements for water-resistant barrier:
  - Senershield-R® with one layer minimum Grade D as slip sheet.
  - Wood based sheathing requires two coats of Senershield-R prior to installation of slip sheet.
  - Comply with applicable local building code.
Notes:
• Verify all materials are installed in accordance with installation instructions and applicable code.
• Basic requirements for water-resistive barrier:
  - Senershield-R® with one layer minimum Grade D as slip sheet.
  - Multiple coats of Senershield-R may be required to achieve a pinhole free application.
  - Comply with applicable local building code.

Notes:
• Verify all materials are installed in accordance with installation instructions and applicable code.
• Provide control joints at a maximum 13.4 sq. m. (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 EXPANSION JOINT**

- 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.

**Notes:**

**TYPICAL DRAINAGE AT FLOORLINE**

- 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.
- Provide end-dams at flashing terminations as required.
- Lath must be broken at the joint accessory.
- It is recommended that a means for drainage is provided at every floor.

**Notes:**
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistant barrier is properly applied into the rough openings in accordance with application guidelines. See Air/Water-Resistive/Vapor Barrier Application Guidelines technical bulletin.

**TYPICAL CLAD WINDOW - JAMB**

- Framing *
- Acceptable Sheathing *
- Senersheild-R
- Senergy Sheathing Fabric Embedded in Senersheild-R
- Window Flange *
- Building Paper to Serve as Slip Sheet *
- Permalath 1000 or 3.4 lbs/yard Expanded Metal Lath
- Casing/Stop Bead *
- Stuccobase Min. 3/4" - Max. 7/8"
- Senergy Base Coat
- Senenergy Reinforcing Mesh (Optional)
- Senenergy Finish Coat
- Bond Breaker or Backer Rod and Sealant *
- Window *
  (* by others)

SSP-07 1210

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure water-resistant barrier is properly applied over the head flashing. See Air/Water-Resistive/Vapor Barrier Application Guidelines technical bulletin.
- Provide end-dams at flashing terminations.

**TYPICAL CLAD WINDOW - HEAD**

- Framing *
- Acceptable Sheathing *
- Senergy Finish
- Senergy Base Coat
- Stuccobase Min. 3/4" - Max. 7/8"
- Permalath 1000 or 3.4 lbs/yard Expanded Metal Lath
- Senenergy Reinforcing Mesh (Optional)
- Building Paper to Serve as Slip Sheet *
- Senersheild-R
- Senergy Sheathing Fabric Embedded in Senersheild-R
- Casing Bead *
- Flashing *
- Window Flange *
- Backer Rod and Sealant *
- Window *
  (* by others)

SSP-08 1210
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 Air/Water-Resistive/Vapor Barrier Application Guidelines technical bulletin.

TYPICAL CLAD WINDOW - SILL

TYPICAL PRIMED WINDOW - HEAD

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 Air/Water-Resistive/Vapor Barrier Application Guidelines technical bulletin.
- 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.
TYPICAL EPS SHAPE APPLICATION

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 25 mm (1") 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.
- Lap frieze band a minimum of 50 mm (2") over the Sentry Stucco Plus Wall System.
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 Sentry Stucco Plus 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.
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.
• Provide end-dams at flashing terminations as required.

TYPICAL TERMINATION AT DECK

TYPICAL COPING

Notes:
• Verify all materials are installed in accordance with installation instructions and applicable code.
• Extend coping a minimum of 50 mm (2") on to face of Sentry Stucco Plus Wall System and seal drip edge.
• Water-resistive barrier shall be installed up and over the top and extended down the other side.
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- Attach corner bead over plaster base.
- Water-resistant barrier shall be installed continuous around corner a minimum of 305 mm (12").
- Corner bead shall be filled solid with StuccoBase, as required.

**TYPICAL CORNER BEAD**

**TYPICAL DOWNSPOUT APPLICATION**

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