Senturion™ I Wall System

1. Senturion I Wall System Application (Plan View)
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3. Aesthetic Groove (Plan View)
4. Insulation Boards / Reinforcing Mesh Application at Openings
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6. Clad Window Head With Aesthetic Band
7. Clad Window Sill With Aesthetic Band
8. Clad Window Jamb
9. Clad Window Head
10. Clad Window Sill
11. Primed Window Jamb
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14. Expansion Joint Detail at Floorline of Wood Frame Construction
15. Expansion Joint at Change in Substrate (Plan View)
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19. Light Fixture
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21. Termination at Top of Deck
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23. Termination at Foundation
24. Termination at Foundation
25. Termination at Brick or Stone
26. Termination at Brick or Stone
27. Kick-out Flashing Detail
SI-03  TYPICAL AESTHETIC GROOVE (PLAN VIEW)

- Framing
- Acceptable Sheathing
- Typek® Stuccowrap®
- Aesthetic Groove
- SENERGY Insulation Board
- Mechanical Fastener
- SENERGY Lamina:
  - SENERGY Base Coat
  - SENERGY Reinforcing Mesh
  - SENERGY Finish Coat

MIN. 19 mm (3/4")

SI-04  TYPICAL INSULATION BOARDS/REINFORCING MESH

- Stagger Insulation Board Joints at Corner of Openings
- Wrap SENERGY Base Coat and Flexguard 4 Reinforcing Mesh at Insulation Board Edges
- Flexguard 4 Reinforcing Mesh Embedded in SENERGY Base Coat

NOTE:
- Typical at Windows, Doors, etc.
- Maintain a min. 13 mm (1/2") perimeter sealant joint
- Flashings are by others and shall be as per design/code requirements
SI-07 TYPICAL CLAD WINDOW SILL WITH AESTHETIC BAND

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SI-08 TYPICAL CLAD WINDOW JAMB
SI-09 TYPICAL CLAD WINDOW HEAD

NOTE: FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN/CODE REQUIREMENTS

SI-10 TYPICAL CLAD WINDOW SILL

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
SI-13 TYPICAL PRIMED WINDOW SILL

TYPICAL WOOD FRAMING
ACCEPTABLE SHEATHING
TYVEK® STUCCOWRAP®
SENERFLASH 9 W/ FLASHING PRIMER
MIN. 19 mm (3/4")
BACKER ROD AND SEALANT
SENERGY ASAP
WRAP BASE COAT AND SENERGY REINFORCING MESH
SENERGY INSULATION BOARD
MACHINICAL FASTENER
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
SENERFLASH/SENERFLASH WITH FLASHING PRIMER

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SI-14 TYPICAL EXPANSION JOINT DETAIL AT FLOORLINE OF WOOD FRAME CONSTRUCTION

TYPICAL WOOD FRAMING
ACCEPTABLE SHEATHING
TYVEK® STUCCOWRAP®
SENERFLASH 9 W/ FLASHING PRIMER
MIN. 19 mm (3/4")
BACKER ROD AND SEALANT
SENERGY ASAP
WRAP BASE COAT AND SENERGY REINFORCING MESH
SENERGY INSULATION BOARD
MACHINICAL FASTENER
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
SI-15 TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE
(PLAN VIEW)

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SI-16 TYPICAL TERMINATION AT SOFFIT/GABLE END
SI-17 TYPICAL DOWNSPOUT APPLICATION (PLAN VIEW)

FRAMING
ACCEPTABLE SHEATHING
TYVEK® STUCCOWRAP®
WRAP BASE COAT AND SENERGY REINFORCING MESH
MIN. 13 MM (1/2")
SEALANT AT PERIMETER OF PENETRATION

BACKER ROD AND SEALANT
SENERGY ASAP
SENERGY INSULATION BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SI-18 TYPICAL PIPE PENETRATION
**SI-19 TYPICAL LIGHT FIXTURE**

- Framing
- Acceptable sheathing
- Set flange in sealant
- Wrap base coat and Senergy reinforcing mesh
- Tyvek® Stuccowrap®
- Small light fixture

**SI-20 TYPICAL DRYER VENT**

- Framing
- Acceptable sheathing
- Tyvek® Stuccowrap®
- Fastener set in sealant
- Set flange in sealant
- Wrap base coat and Senergy reinforcing mesh
- Sealant at perimeter of penetration
- Dryer vent
- Senergy insulation board
- Fastener through nylon sleeve
- Senergy lamina:
  - Senergy base coat
  - Senergy reinforcing mesh
  - Senergy finish coat

**NOTE:** Framing, acceptable sheathing and sealant by others.
SI-21典型顶层接头

- 接受的衬板
- SENERGY保温板
- 插排
- SENERGY基底
- SENERGY增强网
- SENERGY饰面
- TYVEK® STUCCOWRAP®
- 在接近25mm (1")

SI-22典型底层接头

- 框架
- 接受的衬板
- SENERGY保温板
- 插排
- SENERGY基底
- SENERGY增强网
- SENERGY饰面
- TYVEK® STUCCOWRAP®
- 在接近50mm (2")

注意：框架、接受的衬板和密封剂由其他人提供。
NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SI-23 TYPICAL TERMINATION AT FOUNDATION

NOTE: TERMINATE SENTURION I DESIGN SYSTEM MIN. 203 mm (8") ABOVE GRADE.

SI-24 TYPICAL TERMINATION AT FOUNDATION

NOTE: TERMINATE SENTURION I DESIGN SYSTEM MIN. 203 mm (8") ABOVE GRADE.
SI-25 TYPICAL TERMINATION AT BRICK OF STONE

Framing
Acceptable Sheathing
TYVEK® STUCCOWRAP®
Mechanical Fastener
SenerWrap/SenerFlash 4 w/ Flashing Primer
Senergy Insulation Board
Wrap Base Coat and Senergy Reinforcing Mesh
Senergy Lamina:
- Senergy Base Coat
- Senergy Reinforcing Mesh
- Senergy Finish Coat
Flashing Set In Sealant
Brick or Stone

SI-26 TYPICAL TERMINATION AT BRICK OF STONE

Framing
Acceptable Sheathing
SenerShield R or Secondary Moisture Protection Barrier
Mechanical Fastener
Senergy Insulation Board
Wrap Base Coat and Senergy Reinforcing Mesh
Senergy Lamina:
- Senergy Base Coat
- Senergy Reinforcing Mesh
- Senergy Finish Coat
Senergy ASAP
Backer Rod and Sealant
Brick or Stone

Note: Termination of Brick or Stone Must Have a Means for Moisture To Escape.

NOTE: Framing, Acceptable Sheathing And Sealant By Others
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 Senturion I Wall System min. 50 mm (2") above roof.

SI-27 TYPICAL KICK-OUT FLASHING DETAIL

NOTE: Framing, acceptable sheathing and sealant by others
General Notes
BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as “BASF Wall Systems”). These details are presented in good faith by BASF Wall Systems and represent typical and/or general conditions. They are offered as a guide for consideration to assist the designer, specifier, installer and/or owner. The responsibility remains with the user for the design of any system. For conditions not shown, consult BASF Wall Systems for specific recommendations. Consult current Senergy technical bulletins for such information as acceptable sealants, insulation attachment methods, installation of air/weather barriers, residential policy, code and test reports, geo-climatic considerations, etc. Installation requirements for sealant (joint size configuration, primers, bond breakers) shall be in accordance with sealant manufacturer’s specifications and instructions.

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 our 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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