Senturion™ III Wall System

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SII-01 TYPICAL SENTURION III APPLICATION (PLAN VIEW)

SII-02 TYPICAL SENTURION III APPLICATION (ISOMETRIC VIEW)

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

SIII-03 TYPICAL AESTHETIC GROOVE (PLAN VIEW)

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

SIII-04 TYPICAL INSULATION BOARDS/REINFORCING MESH APPLICATION AT OPENINGS
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

SIII-05 TYPICAL CLAD WINDOW JAMB WITH AESTHETIC BAND

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SIII-06 TYPICAL CLAD WINDOW HEAD WITH AESTHETIC BAND

NOTE: FLASHINGS ARE BY OTHERS AND SHALL BE PER DESIGN/ CODE REQUIREMENTS.
NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SIII-07 TYPICAL CLAD WINDOW SILL W/ AESTHETIC BAND

FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
DRAINAGE MAT
SENERGY INSULATION BOARD
MECHANICAL FASTENER
WRAP BASE COAT AND SENERGY REINFORCING MESH
9" SHEATHING FABRIC
EMBEDDED IN SENERSHIELD-R OR SENERWRAP/SENERFLASH WITH FLASHING PRIMER
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
SENERGY ASAP
BACKER ROD AND SEALANT
CLAD WINDOW

SIII-08 TYPICAL CLAD WINDOW JAMB

FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD-R OR SECONDARY MOISTURE PROTECTION BARRIER
DRAINAGE MAT
SENERGY INSULATION BOARD
MECHANICAL FASTENER
WRAP BASE COAT AND SENERGY REINFORCING MESH
9" SHEATHING FABRIC
EMBEDDED IN SENERSHIELD-R OR SENERWRAP/SENERFLASH WITH FLASHING PRIMER
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
SENERGY ASAP
BACKER ROD AND SEALANT
CLAD WINDOW
Senergy lamina:
• Senergy base coat
• Senergy reinforcing mesh
• Senergy finish coat

Wrap base coat and Senergy reinforcing mesh

Mechanical fastener

NOTE:
Flashings are by others and shall be as per design/code requirements.

SIII-09 Typical clad window head

Senergy ASAP

Senergy lamina:
• Senergy base coat
• Senergy reinforcing mesh
• Senergy finish coat

Wrap base coat and Senergy reinforcing mesh

Senergy insulation board

Mechanical fastener

9" sheathing fabric embedded in Senershield-R or Senerwrap/ Senerflash with flashing primer

DRAINAGE MAT

Senershield-R or secondary moisture protection barrier

Acceptable sheathing

Framing

SIII-10 Typical clad window sill

NOTE: Framing, acceptable sheathing and sealant by others
SIII-11 TYPICAL PRIMED WINDOW JAMB

SIII-12 TYPICAL PRIMED WINDOW HEAD

NOTE: FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN/CODE REQUIREMENTS.
SIII-13 TYPICAL PRIMED WINDOW SILL

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SIII-14 TYPICAL EXPANSION JOINT DETAIL AT FLOORLINE OF WOOD FRAME CONSTRUCTION
SIII-15  TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE
(PLAN VIEW)

Framing, Acceptable Sheathing, and Sealant by Others

NOTE: JOINT WIDTH PER DESIGN

SenerFlash 9 w/ Flashing Primer

SenerShield-R or Secondary Moisture Protection Barrier

Acceptable Sheathing

Wrap Base Coat and Senergy Reinforcing Mesh

Backer Rod and Sealant

Senergy ASAP

Acceptable Substrate

Drainage Mat

Senergy Insulation Board

Senergy Lamina:
- Senergy Base Coat
- Senergy Reinforcing Mesh
- Senergy Finish Coat

SIII-16  TYPICAL TERMINATION AT SOFFIT/GABLE END

Frieze Board

Soffit

Trim

Min. 50 mm (2")

Wrap Base Coat and Senergy Reinforcing Mesh

Drainage Mat

Senergy Insulation Board

Senergy Mat

Senergy Insulation Board

Senergy Lamina:
- Senergy Base Coat
- Senergy Reinforcing Mesh
- Senergy Finish Coat

Senergy Shield-R or Secondary Moisture Protection Barrier

NOTE: FRAMING, ACCEPTABLE SHEATHING
AND SEALANT BY OTHERS
SIII-17 TYPICAL DOWNSPOUT APPLICATION (PLAN VIEW)

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS

SIII-18 TYPICAL PIPE PENETRATION
SIII-19 TYPICAL LIGHT FIXTURE

- Framing
- Acceptable Sheathing
- Wrap Base Coat and Senergy Reinforcing Mesh
- Set Flange in Sealant
- Senershield-R or Secondary Moisture Protection Barrier
- Small Light Fixture

Senergy Lamination:
- Senergy Base Coat
- Senergy Reinforcing Mesh
- Senergy Finish Coat

Note: Framing, Acceptable Sheathing and Sealant by Others

SIII-20 TYPICAL DRYER VENT

- Framing
- Acceptable Sheathing
- Senershield-R or Secondary Moisture Protection Barrier
- Fastener Set in Sealant
- Set Flange in Sealant
- Wrap Base Coat and Senergy Reinforcing Mesh
- Dryer Vent

- Fastener Through Nylon Sleeve
- Drainage Mat
- Senergy Insulation Board
- Senergy Lamination:
  - Senergy Base Coat
  - Senergy Reinforcing Mesh
  - Senergy Finish Coat

Sealant at Perimeter of Penetration
SIII-21 TYPICAL TERMINATION AT TOP OF DECK

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

SIII-23 TYPICAL TERMINATION AT FOUNDATION

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

SIII-24 TYPICAL TERMINATION AT FOUNDATION

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

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
SII-25 TYPICAL TERMINATION AT BRICK OR STONE

Framing
Acceptable Sheathing
Senershield-R or secondary moisture protection barrier
Mechanical fastener
4" sheathing fabric embedded in Senershield-R or Senerflash 4 w/ flashing primer
Drainage mat
Senergy insulation board
Senergy lamina:
- Senergy base coat
- Senergy reinforcing mesh
- Senergy finish coat
Wrap base coat and Senergy reinforcing mesh
Flashing set in sealant
Brick or stone

NOTE: Ensure continuous drainage plain at EIFS termination. Termination of brick or stone must have a means for moisture escape.

SII-26 TYPICAL TERMINATION AT BRICK OR STONE

Framing
Acceptable Sheathing
Senershield-R or secondary moisture protection barrier
Mechanical fastener
Senergy insulation board
Drainage mat
Senergy lamina:
- Senergy base coat
- Senergy reinforcing mesh
- Senergy finish coat
Wrap base coat and Senergy reinforcing mesh
Senergy ASAP
Backer rod and sealant
Brick or stone

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 III WALL SYSTEM MIN. 50 mm (2") ABOVE ROOF.

NOTE: FRAMING, ACCEPTABLE SHEATHING AND SEALANT BY OTHERS
Note
BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as “BASF Wall Systems”)

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 moisture drainage. The choices include Senturion® line of water managed EIFS, commercial Senerflex® Wall Systems integrating moisture management features, Senergy Stucco Wall System, and Senergy Cement-Board Stucco® Systems. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable. 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 management provisions described above.) 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 web-site, www.senergy.cc for additional information about products and systems and for updated literature.

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