Senerflex® Secondary Weather Barrier Design

1. Senerflex Secondary Weather Barrier Design Application (Plan View)
2. Senerflex Secondary Weather Barrier Design Application (Isometric View)
3. Aesthetic Groove (Plan View)
4. Insulation Boards / Reinforcing Mesh Application at Openings
5. Window Head (Flush)
6. Window Head (Recessed)
7. Window Jamb Detail (Flush, Plan View)
8. Window Jamb Detail (Recessed, Plan View)
9. Window Sill Detail (Flush)
10. Window Sill Detail (Recessed)
11. Roof Edge Flashing Detail
12. Metal Coping Detail
13. Parapet Cap Detail
14. Expansion Joint Detail at Floorline
15. Expansion Joint at Change in Substrate
16. Termination at Soffit/Gable End
17. Expansion Joint Detail (Plan View)
18. Pipe Penetration
19. Corner Mesh Application with STRONG 15 or HI-IMPACT 20 (Plan View)
20. Corner Mesh Application with FLEXGUARD 4, INTERMEDIATE 6 or 12 (Plan View)
21. Light Fixture
22. Termination at Foundation
23. Termination at Foundation (Flush)
24. Kick-out Flashing Detail
Senerflex® Secondary Weather Barrier Design

SWB-01  TYPICAL SENERFLEX SECONDARY WEATHER BARRIER DESIGN APPLICATION (PLAN VIEW)

SWB-02  TYPICAL SENERFLEX SECONDARY WEATHER BARRIER DESIGN APPLICATION (ISOMETRIC VIEW)
SENERGY LAMINA:
- SENERGY BASE COAT
- SENERGY REINFORCING MESH
- MESH
- SENERGY FINISH COAT

SW B-03 TYPICAL AESTHETIC GROOVE (PLAN VIEW)

SWB-03 TYPICAL AESTHETIC GROOVE (PLAN VIEW)

SWB-04 TYPICAL INSULATION BOARDS/REINFORCING MESH APPLICATION AT OPENINGS

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
SWB-05 TYPICAL WINDOW HEAD (FLUSH)

SWB-06 TYPICAL WINDOW HEAD (RECESSED)
Senerflex® Secondary Weather Barrier Design

**SENERGY LAMINA:**
- SENERGY BASE COAT
- SENERGY REINFORCING MESH
- SENERGY FINISH COAT

**SWB-09 TYPICAL WINDOW SILL DETAIL (FLUSH)**

**SWB-10 TYPICAL WINDOW SILL DETAIL (RECESSED)**

- NOTE:
  - EXTEND FLASHING MIN. 50 mm (2") OVER EIFS
  - FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN/CODE REQUIREMENTS
NOTE:
FLASHINGS ARE BY OTHERS AND SHALL BE AS PER DESIGN/CODE REQUIREMENTS

EPS CAP
SELF ADHERING MESH TAPE (9") EMBEDDED IN SENERSHIELD OR 9" SHEATHING FABRIC EMBEDDED IN SENERSHIELD-R
WRAP BASE COAT AND SENERGY REINFORCING MESH
FRAMING
ACCEPTABLE SHEATHING
SENERSHIELD®/SENERSHIELD-R
SENERGY BASE COAT
SENERGY INSULATION BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT
ROOF SYSTEM

SWB-13 TYPICAL PARAPET CAP DETAIL

FLOOR SLAB
ACCEPTABLE SHEATHING
SENERSHIELD®/SENERSHIELD-R
SENERGY BASE COAT
WRAP BASE COAT AND SENERGY REINFORCING MESH
SENERFLASH 9

WIDTH PER DESIGN
BACKER ROD AND SEALANT
SENERGY ASAP
SLIP TRACK
FRAMING
SENERGY INSULATION BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

SWB-14 TYPICAL EXPANSION JOINT DETAIL AT FLOORLINE
SWB-15 TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE

SWB-16 TYPICAL TERMINATION AT SOFFIT/GABLE END
SWB-17 TYPICAL EXPANSION JOINT DETAIL (PLAN VIEW)

SWB-18 TYPICAL PIPE PENETRATION
SWB-19  TYPICAL CORNER MESH APPLICATION WITH STRONG 15 OR HI-IMPACT 20 (PLAN VIEW)

NOTE:
• BUTT EDGE OF STRONG 15 OR HI-IMPACT 20 TO CORNER MESH
• A CONTINUOUS OVERLAY OF FLEXGUARD 4 OR INTERMEDIATE 6 IS REQUIRED OVER STRONG 15, HI-IMPACT 20 OR CORNER MESH

SWB-20  TYPICAL CORNER MESH APPLICATION WITH FLEXGUARD 4, INTERMEDIATE 6 OR 12 (PLAN VIEW)

NOTE:
A CONTINUOUS OVERLAY OF FLEXGUARD 4, INTERMEDIATE 6 OR 12 IS REQUIRED OVER CORNER MESH
FRAMING
ACCEPTABLE SHEATHING
SENERGY INSULATION BOARD
SET FLANGE IN SEALANT
WRAP BASE COAT AND
SENERGY REINFORCING MESH
SMALL LIGHT FIXTURE
WIRE OPENING

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

WRAP BASE COAT AND
SENERGY REINFORCING MESH
SEALANT AND BOND BREAKER

NOTE:
• GRADE SHALL BE PITCHED
  FOR POSITIVE DRAINAGE
• TERMINATE SYSTEM MIN.
  203 mm (8") ABOVE GRADE

SWB-21 TYPICAL LIGHT FIXTURE

SENERIELD™/SENERSHIELD-R
SENERGY BASE COAT
SENERGY INSULATION BOARD
SENERGY LAMINA:
• SENERGY BASE COAT
• SENERGY REINFORCING MESH
• SENERGY FINISH COAT

FRAMING
ACCEPTABLE SHEATHING
SENERIELD™/SENERSHIELD-R
SENERGY BASE COAT
MIN. 50 mm (2")
MAX. 305 mm (12")

SWB-22 TYPICAL TERMINATION AT FOUNDATION
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 SENERFLEX SECONDARY WEATHER BARRIER DESIGN MIN. 50 mm (2") ABOVE ROOF.

SWB-23 TYPICAL TERMINATION AT FOUNDATION (FLUSH)

SWB-24 TYPICAL KICK-OUT FLASHING DETAIL
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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