Senerflex® Classic PB Wall System
Class PB Exterior Insulation and Finish System providing a primary moisture barrier
and optional secondary air/weather barrier

1. Typical Senerflex Wall System Application
2. Typical Aesthetic Reveal
3. Typical Window Head (Flush)
4. Typical Window Head (Recessed)
5. Typical Window Jamb (Flush)
6. Typical Window Jamb (Recessed)
7. Typical Window Sill (Flush)
8. Typical Window Sill (Recessed)
9. Typical Roof Edge Flashing
10. Typical Parapet Cap Flashing
11. Typical Parapet Cap
12. Typical Expansion Joint at Floorline
13. Typical Expansion Joint at Change in Substrate
14. Typical Transition at Soffit/Gable End
15. Typical Expansion Joint
16. Typical Pipe Penetration
17. Typical Corner Mesh
18. Typical Light Fixture
19. Typical Termination at Foundation
20. Typical Termination at Foundation (Flush)
21. Typical Kick-Out Flashing
TYPICAL SENERFLEX WALL SYSTEM APPLICATION

Notes:
• Verify all materials are installed in accordance with installation instructions.
• All terminations must be fully encapsulated with mesh reinforced base coat.

TYPICAL AESTHETIC REVEAL

Notes:
• Verify all materials are installed in accordance with installation instructions.
• Maintain a minimum 19 mm (3/4") thick EPS insulation board behind all reveals & aesthetic grooves.
• Reinforcing mesh shall be continuous through the reveal and care shall be taken to ensure reinforcing mesh is encapsulated into the reveal and is not cut during base coat application.
• Horizontal reveals shall provide an outward positive drainage.
• Reveals must not occur at the abutment of two pieces of EPS insulation board.
• Reveals must not occur at the joints in sheathing.
Notes:
• Verify all materials are installed in accordance with installation instructions.
• All terminations must be fully encapsulated with mesh reinforced base coat.
• Do not apply finish to areas that will receive sealant.
• Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.
• Joint and EPS insulation board must not line up with corner of rough openings.

TYPICAL WINDOW HEAD (FLUSH)

Notes:
• Verify all materials are installed in accordance with installation instructions.
• All terminations must be fully encapsulated with mesh reinforced base coat.
• Do not apply finish to areas that will receive sealant.
• Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.
• Joint and EPS insulation board must not line up with corner of rough openings.

TYPICAL WINDOW HEAD (RECESSED)
Notes:
• Verify all materials are installed in accordance with installation instructions.
• All terminations must be fully encapsulated with mesh reinforced base coat.
• Do not apply finish to areas that will receive sealant.
• Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.
• Joint and EPS insulation board must not line up with corner of rough openings.
Notes:
• Verify all materials are installed in accordance with installation instructions.
• All terminations must be fully encapsulated with mesh reinforced base coat.
• Do not apply finish to areas that will receive sealant.
• Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.
• Joint and EPS insulation board must not line up with corner of rough openings.
Notes:
- Verify all materials are installed in accordance with installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure that metal coping/flashings extend onto the system a minimum of 51 mm (2") and that the flange is sealed.

TYPICAL ROOF EDGE FLASHING

TYPICAL PARAPET CAP FLASHING
Notes:

- Verify all materials are installed in accordance with installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Provide a minimum 6:12 slope for all horizontal surfaces greater than 25 mm (1”). Senergy requires the use of a roofing system or metal cap flashing for sloped surfaces over 609 mm (24”).
- Terminate system a minimum of 203 mm (8”) above roof.
- Maintain a minimum 25 mm (1”) thick EPS insulation board.

Notes:

- Verify all materials are installed in accordance with installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, floor lines in multi-level wood frame construction, and where movement is anticipated. It is the sole responsibility of the design professional to determine specific expansion joint location, placement and design.
Notes:
- Verify all materials are installed in accordance with installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, floor lines in multi-level wood frame construction, and where movement is anticipated. It is the sole responsibility of the design professional to determine specific expansion joint location, placement and design.

TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE

TYPICAL TRANSITION AT SOFFIT AND FASCIA

Notes:
- Verify all materials are installed in accordance with installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Maintain a minimum 19 mm (3/4") thick EPS insulation board behind drip edge.
Notes:
- Verify all materials are installed in accordance with installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, floor lines in multi-level wood frame construction, and where movement is anticipated. It is the sole responsibility of the design professional to determine specific expansion joint location, placement and design.

Notes:
- Verify all materials are installed in accordance with installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Ensure all penetrations through the system are properly sealed.
Notes:

- Verify all materials are installed in accordance with installation instructions and applicable code.
- Ensure reinforcing mesh is continuously lapped a minimum of 203 mm (8") around corners.
- Stagger vertical joints in EPS insulation board at corners.

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Notes:

- Verify all materials are installed in accordance with installation instructions and applicable code.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure all penetrations through the system are properly sealed.
Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Terminate system a minimum of 203 mm (8") above grade.
- Extend system a minimum of 50 mm (2") and a maximum of 305 mm (12") at the foundation transition.

TYPICAL TERMINATION AT FOUNDATION

Notes:
- Verify all materials are installed in accordance with installation instructions and applicable code.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.

PB-19 0310

TYPICAL TERMINATION AT FOUNDATION (FLUSH)

PB-20 0310
Notes:
• Verify all materials are installed in accordance with installation instructions.
• All terminations must be fully encapsulated with mesh reinforced base coat.
• Do not apply finish to areas that will receive sealant.
• Terminate system a minimum of 51 mm (2") above roof.
• Ensure step flashing is a minimum of 51 mm (2") behind system.
• Kick-out flashing shall be a minimum of 102 mm (4") in height, angled at 100° minimum; seams must be soldered or sealed with appropriate sealant.
Note
BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as “BASF Wall Systems”)

Residential Policy
Apply wall systems in accordance with local building codes in force at the time of construction. 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.

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