

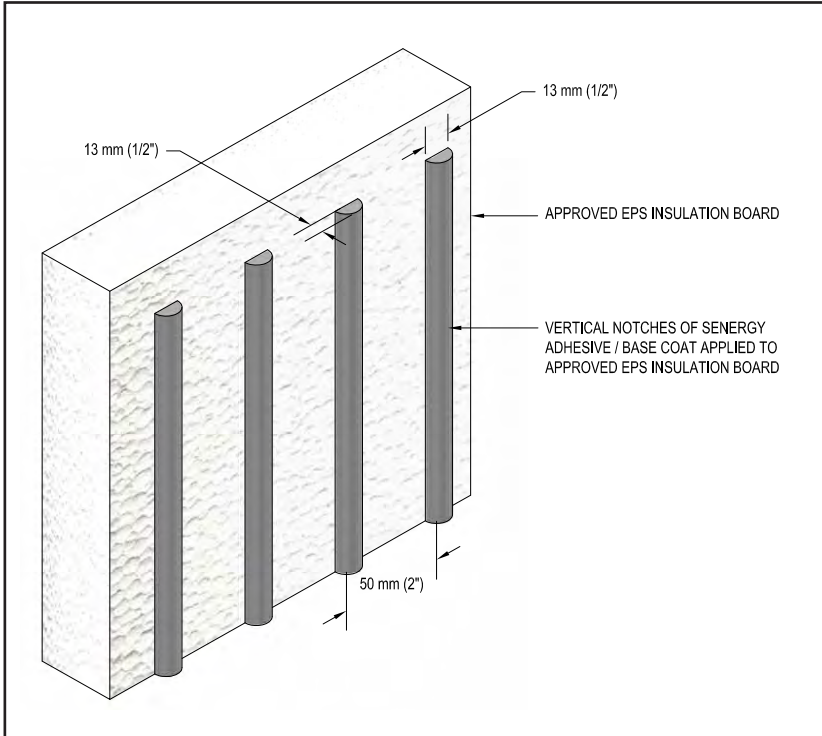
Senerflex[®] Channeled Adhesive Design

Water Drainage Class PB Exterior Insulation and Finish System



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TYPICAL CHanneled Adhesive

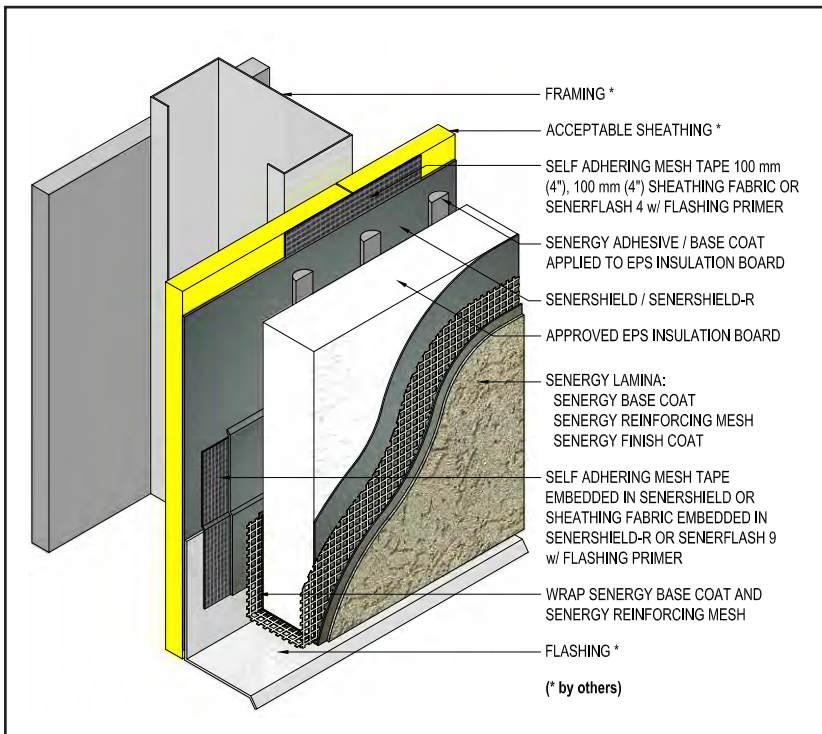


CA-01 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- Apply mixed base coat to entire surface of insulation board using a stainless steel trowel with 13 mm x 13 mm (1/2" x 1/2") notches spaced 50 mm (2") apart. Ribbons of adhesive must be applied parallel to the 610 mm (2') dimension of the EPS insulation board to ensure they are vertical when the EPS insulation board is applied to the substrate.
- Set EPS insulation board into place and apply pressure over entire surface of board to ensure positive uniform contact and high initial grab. Do not slide board into place.

TYPICAL APPLICATION



CA-02 0912

Notes:

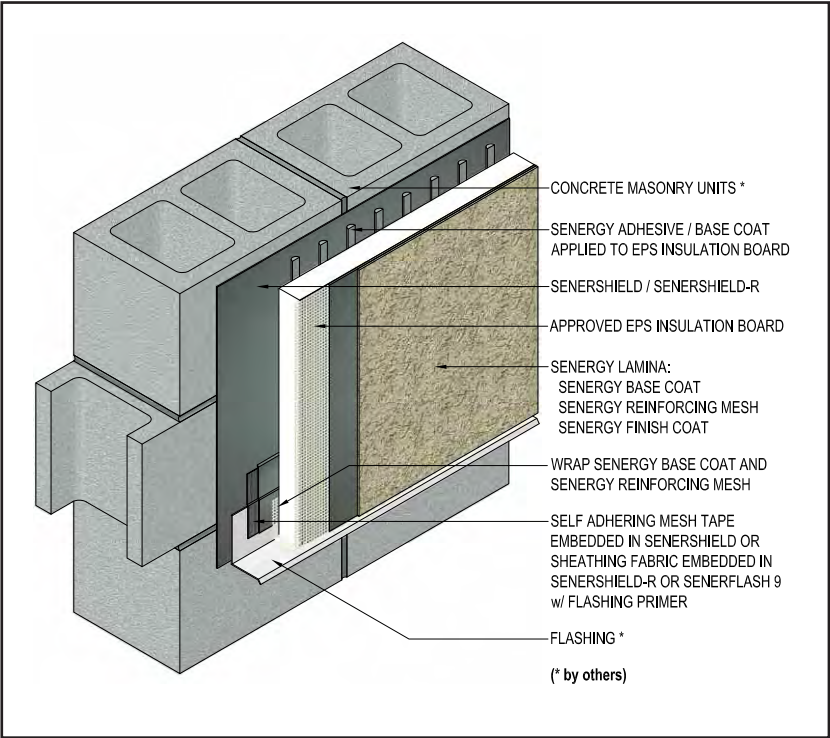
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination.

TYPICAL APPLICATION OVER CMU

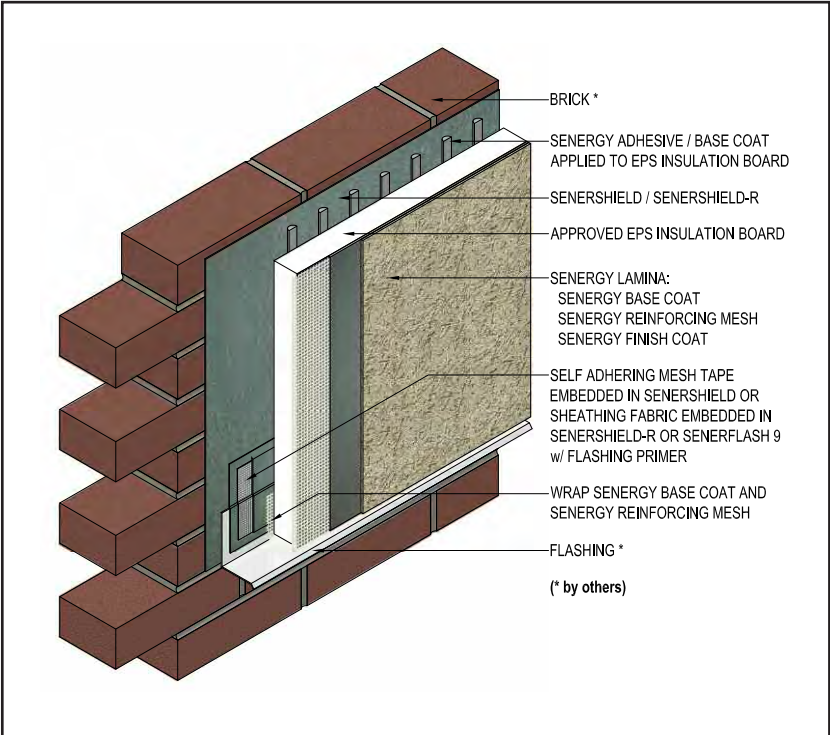


CA-03 0912

Notes:

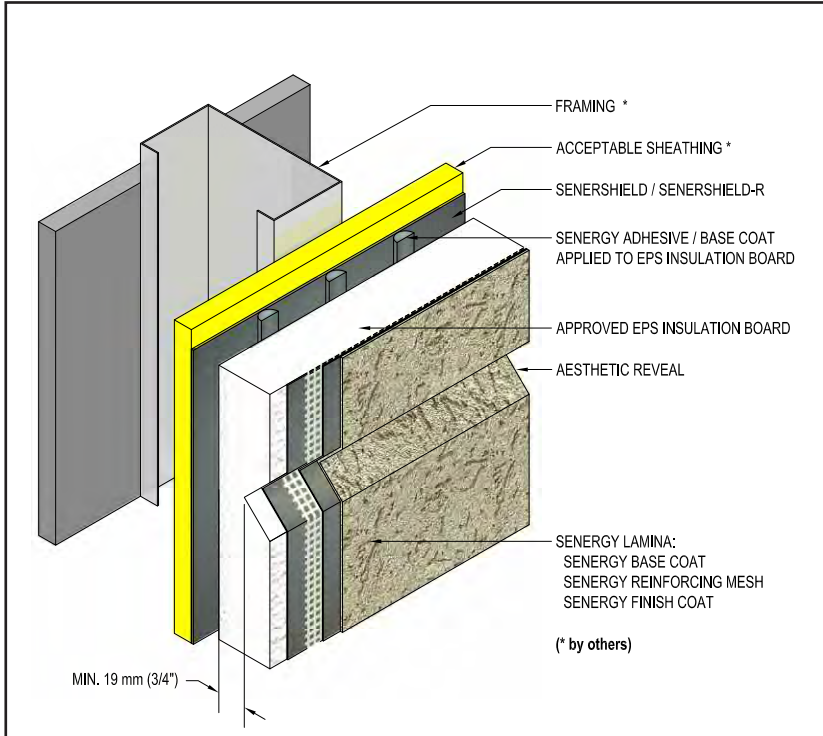
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination.

TYPICAL APPLICATION OVER BRICK



CA-04 0912

TYPICAL AESTHETIC REVEAL

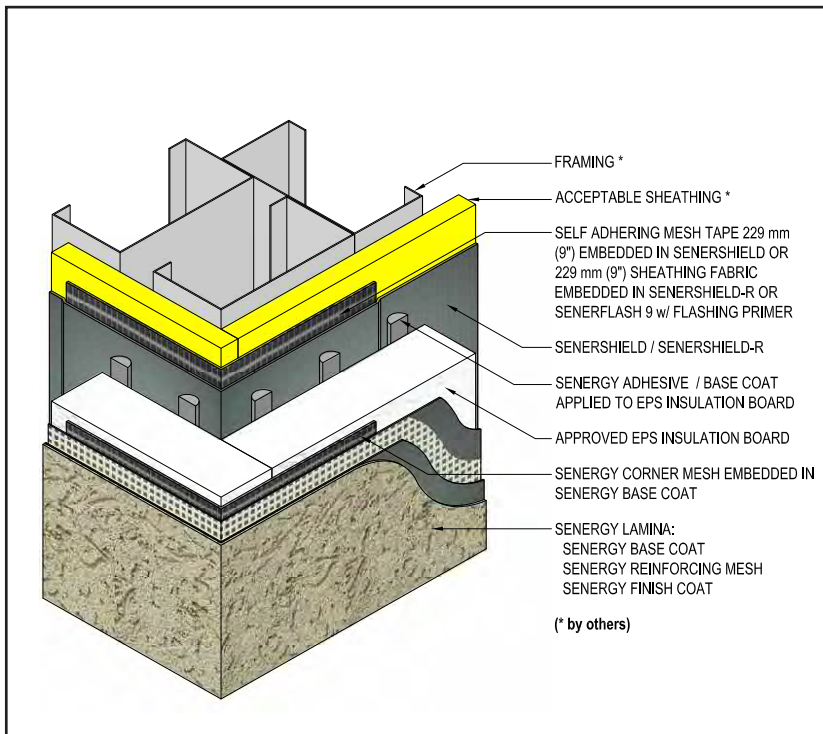


CA-05 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- Maintain a minimum 19 mm (3/4") thick EPS insulation board behind all reveals & aesthetic grooves.
- Reinforcing mesh shall be continuous and care shall be taken to ensure reinforcing mesh is not cut during base coat application.
- Horizontal reveals shall provide for outward positive drainage.
- Reveals must not occur at the abutment of two pieces of EPS insulation board.

TYPICAL CORNER MESH APPLICATION WITH FLEXGUARD 4, INTERMEDIATE 6 OR 12



CA-06 0912

Notes:

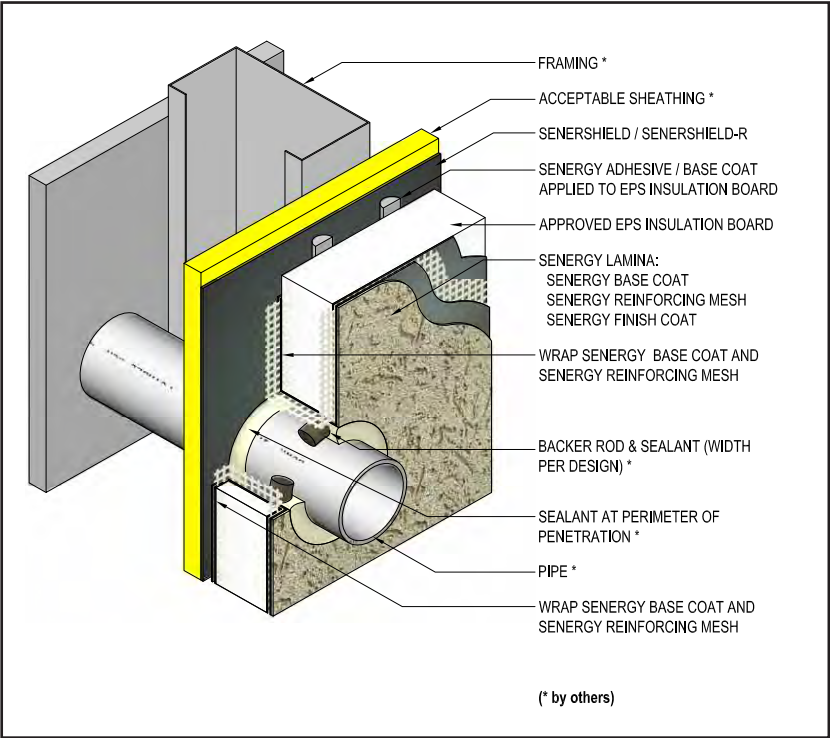
- Verify all materials are installed in accordance with current installation instructions.
- Ensure Flexguard 4, Intermediate 6 or 12 reinforcing mesh is lapped a minimum of 203 mm (8") around corners.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced basecoat.
- Ensure all penetrations into the system are properly sealed.
- Provide continuous air seal around perimeter of penetration prior to EPS insulation board application.
- Do not apply finish to areas that will receive sealant.

TYPICAL PIPE PENETRATION

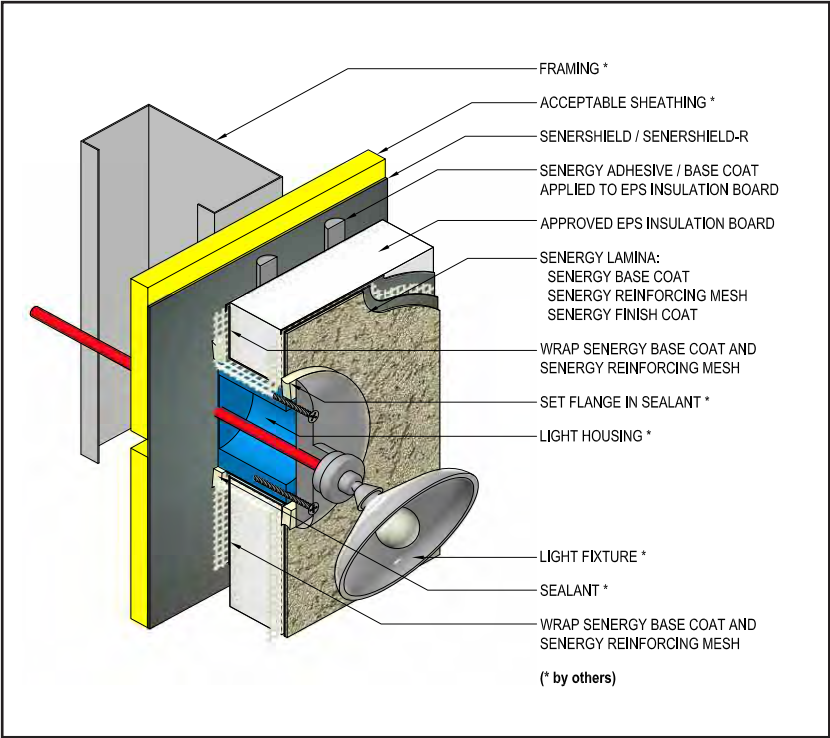


CA-07 0912

Notes:

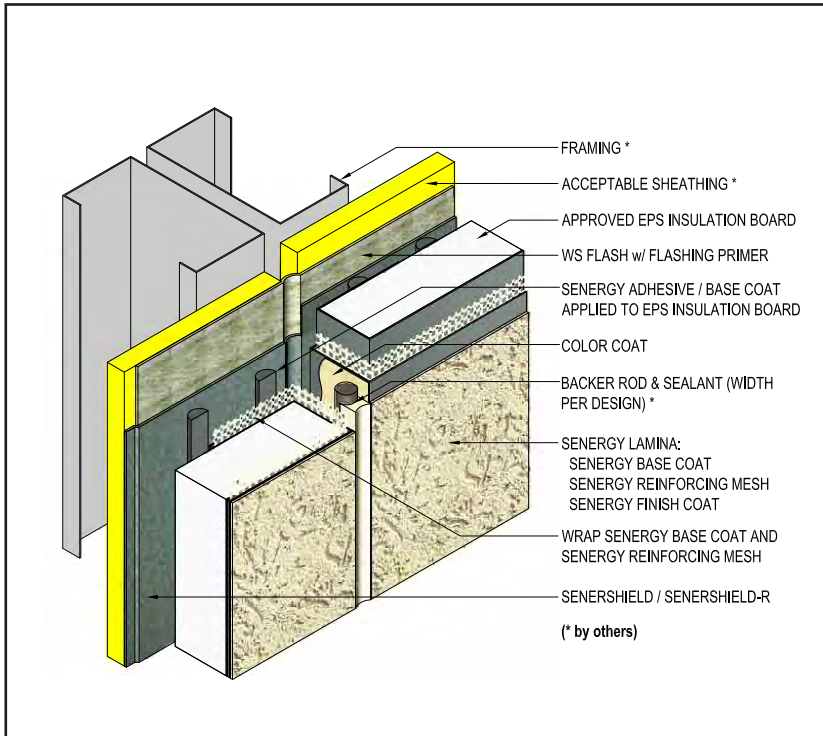
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure all penetrations into the system are properly sealed.

TYPICAL LIGHT FIXTURE



CA-08 0912

TYPICAL EXPANSION JOINT

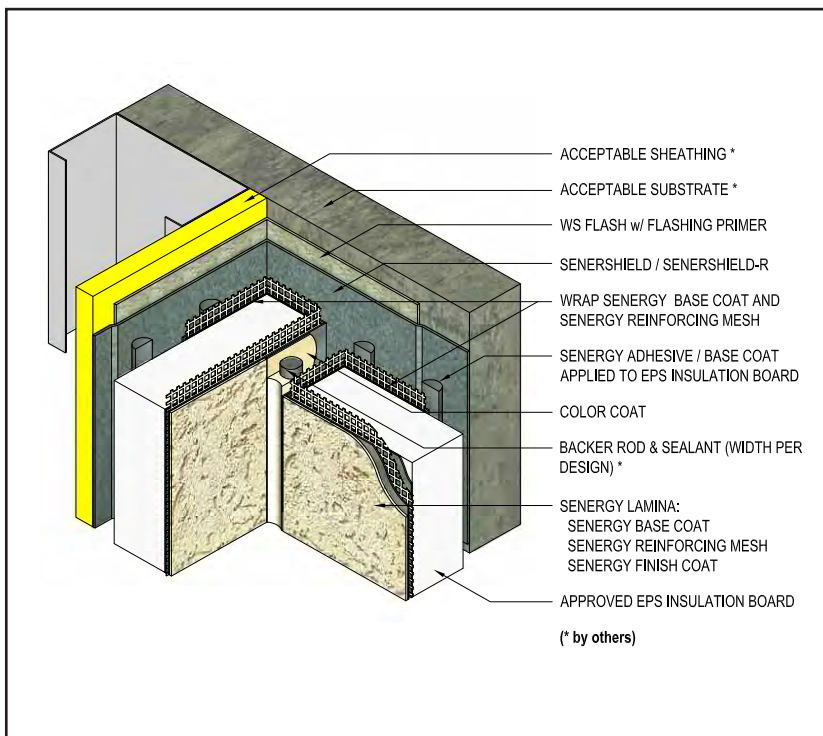


CA-09 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Ensure drainage plane is continuous and unobstructed at expansion joint.
- 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



CA-10 0912

Notes:

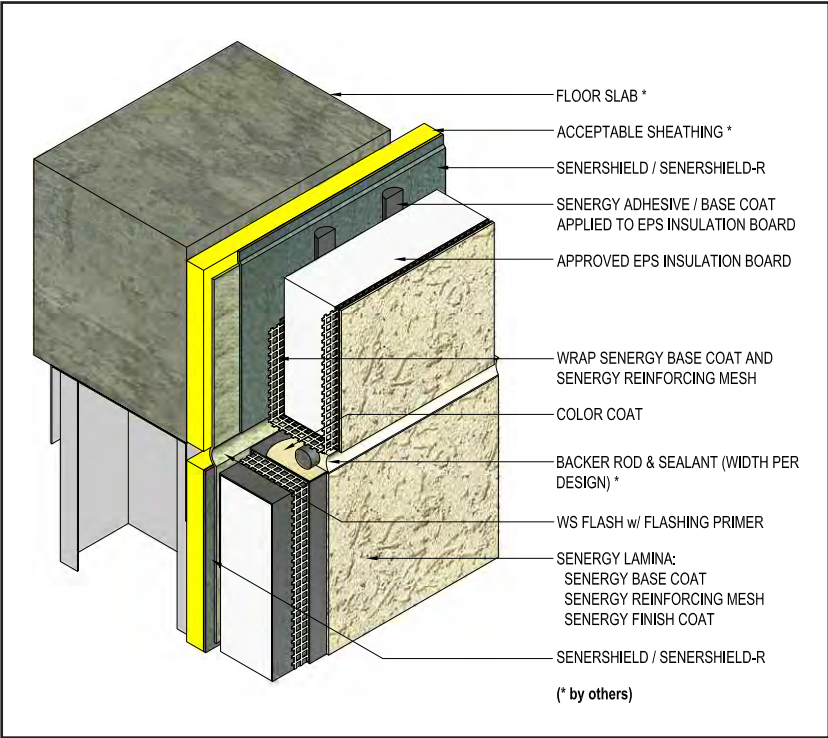
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Ensure drainage plane is continuous and unobstructed at expansion joint.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, floor lines in multilevel 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.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current 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 multilevel 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.
- It is recommended that a means for drainage is provided at every third floor. (See Detail 12)

TYPICAL EXPANSION JOINT AT FLOORLINE

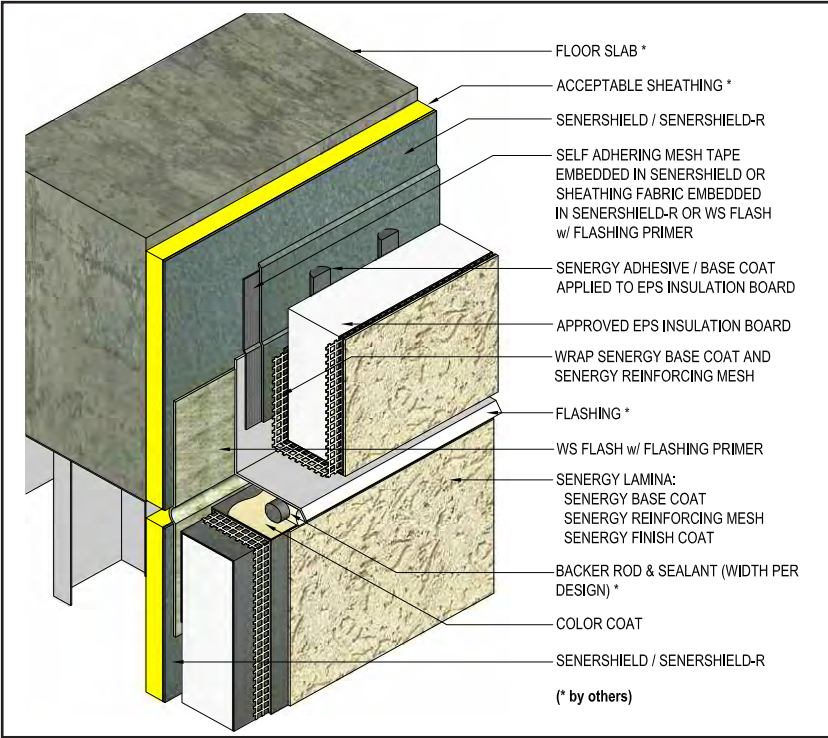


CA-11 0912

Notes:

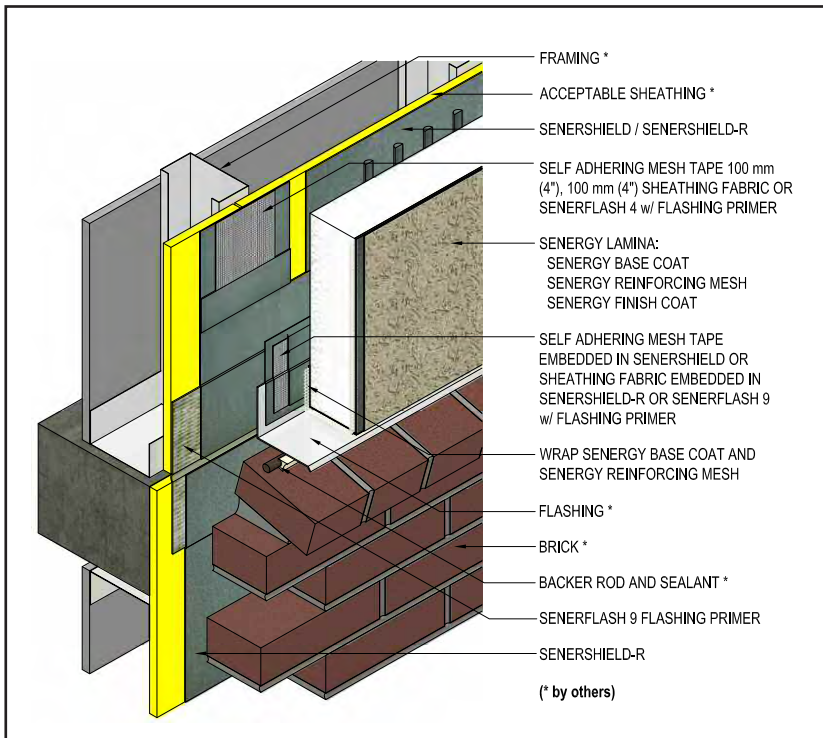
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, floor lines in multilevel 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.
- It is recommended that a means for drainage is provided at every third floor.

TYPICAL DRAINAGE AT FLOORLINE



CA-12 0912

TYPICAL EIFS ABUTMENT TO BRICK WITH DRAINAGE AT FLOORLINE

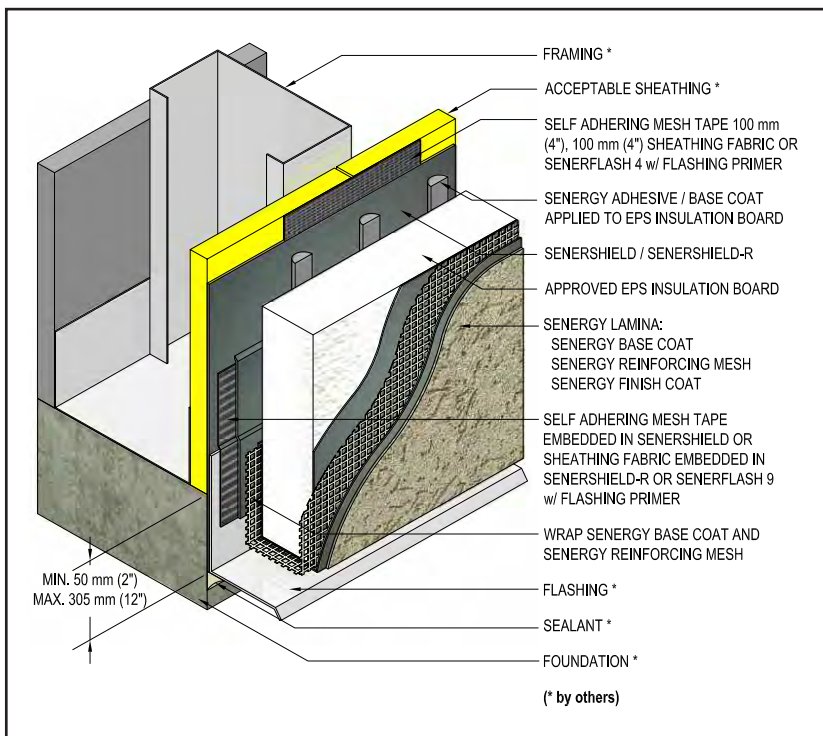


CA-13 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination at brick.
- Brick ties not shown for clarity.
- Brick must be installed per local code requirements.

TYPICAL TERMINATION AT FOUNDATION



CA-14 0912

Notes:

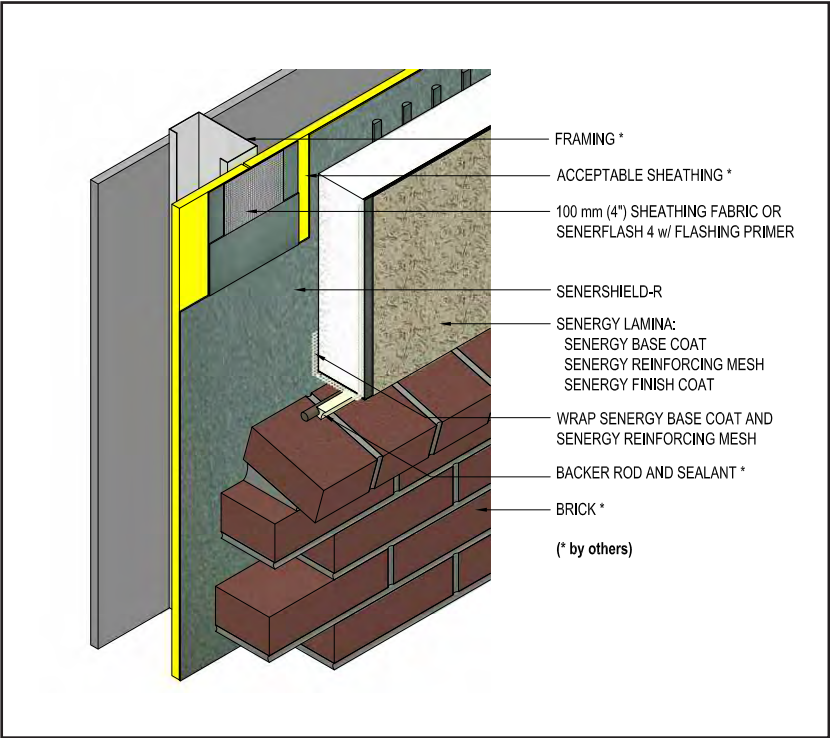
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination at foundation.
- Terminate system a minimum of 203 mm (8\") above grade.
- Extend system a minimum of 50 mm (2\") and a maximum of 305 mm (12\") at the sole plate foundation transition.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a continuous drainage plane is maintained at system abutment to brick.
- Brick ties not shown for clarity.
- Brick must be installed per local code requirements.

TYPICAL EIFS ABUTMENT TO BRICK

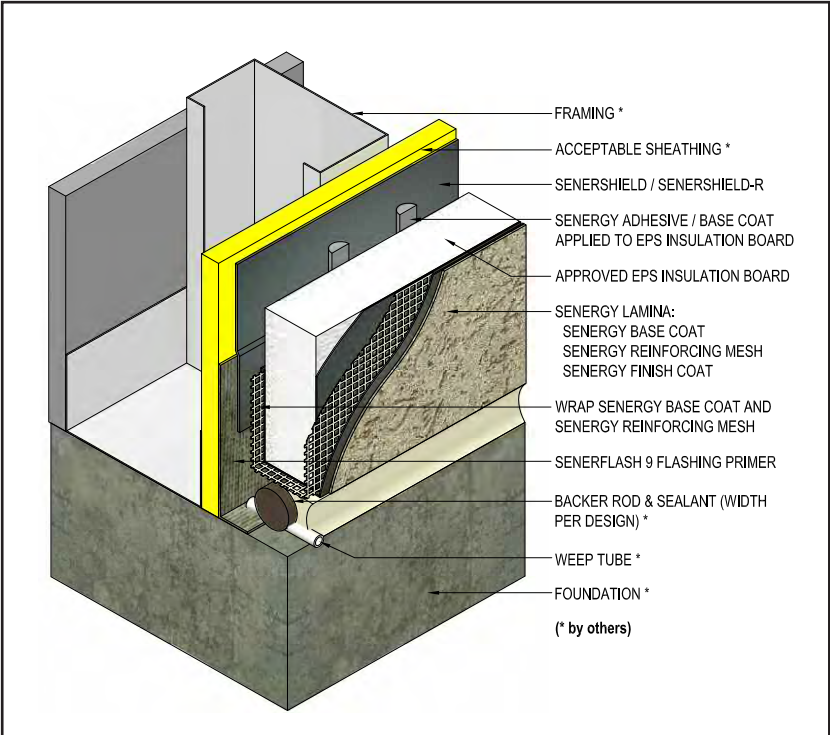


CA-15 0912

Notes:

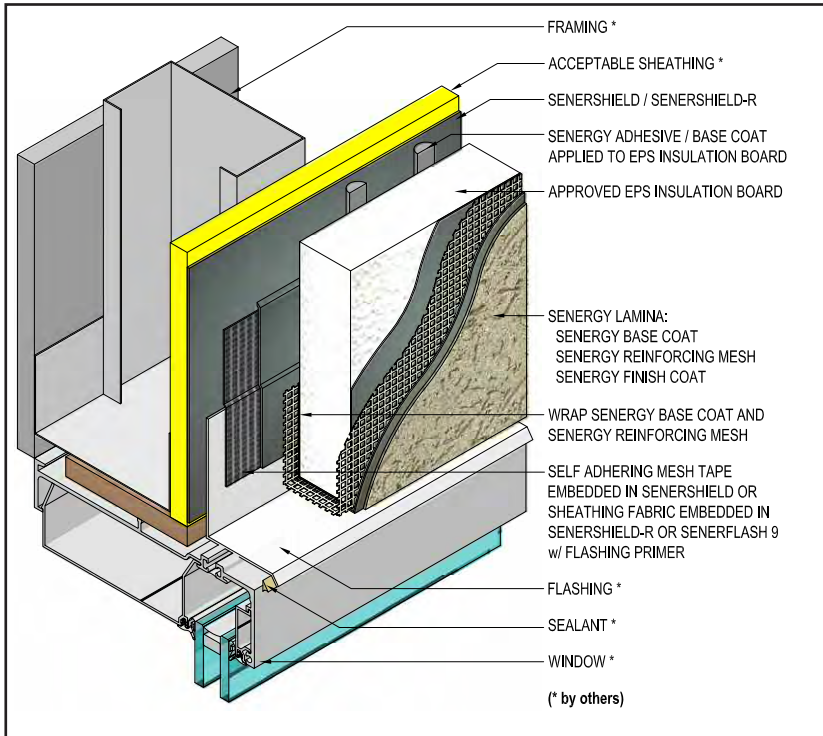
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination at foundation.
- Place weep tubes a minimum of 610 mm (24 inch) on center.
- Do not apply finish to areas that will receive sealant.

TYPICAL TERMINATION AT FOUNDATION (FLUSH)



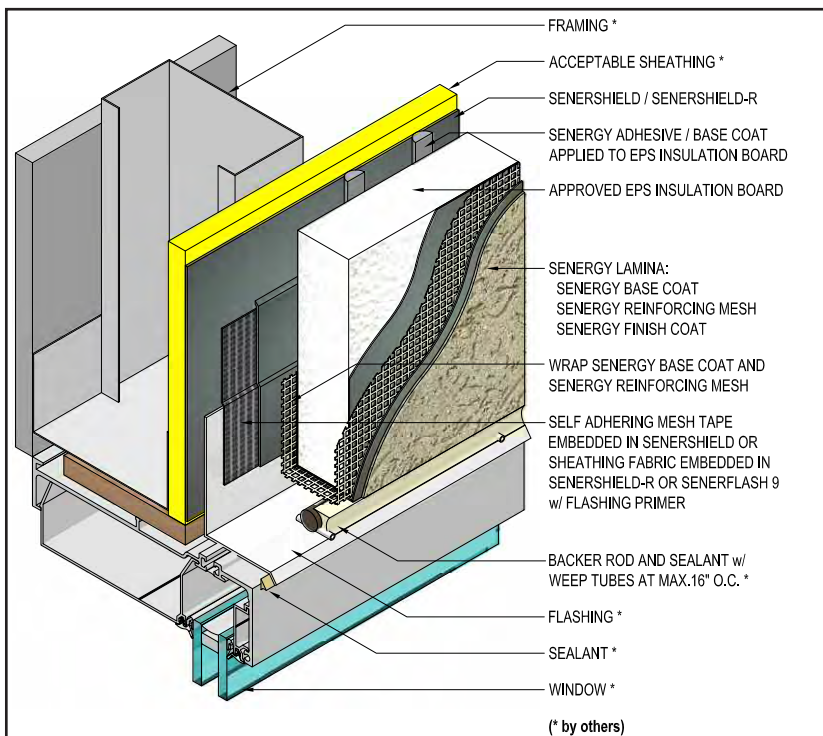
CA-16 0912

TYPICAL WINDOW HEAD (FLUSH)



CA-17 0912

TYPICAL WINDOW HEAD (FLUSH) WITH WEEP TUBES



CA-18 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination at window head.
- Provide end-dams at flashing terminations.
- Provide continuous air seal around interior perimeter of window. Contact window manufacturer for specific installation instructions.

Notes:

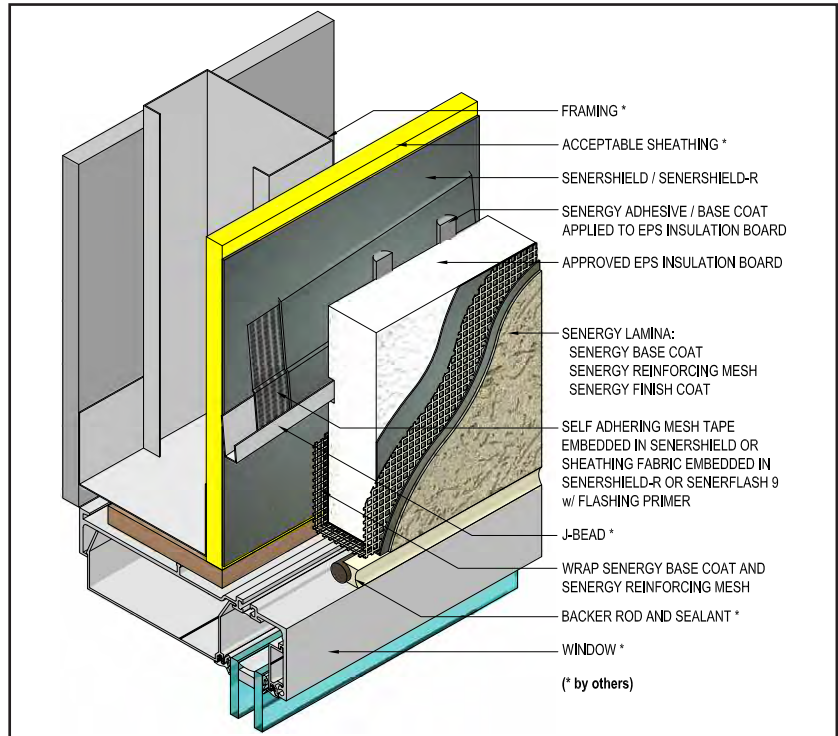
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination at window head.
- Provide end-dams at flashing terminations.
- Provide continuous air seal around interior perimeter of window. Contact window manufacturer for specific installation instructions.
- Do not apply finish to areas that will receive sealant.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Provide continuous air seal around interior perimeter of window. Contact window manufacturer for specific installation instructions.
- Ensure that the diverter flashing extends 152 mm (6") beyond opening on either side of the opening to allow potential moisture to drain down the wall to the side of the opening. Self Adhering Mesh embedded in Senersshield, Sheathing Fabric embedded in Senersshield-R or Senerflash must be extended over flange of flashing. Maintain a minimum of 19 mm (3/4") EPS insulation thickness. Ensure the diverter track flashing is sloped to provide a means for drainage.

TYPICAL WINDOW HEAD (FLUSH) WITH DIVERTER TRACK

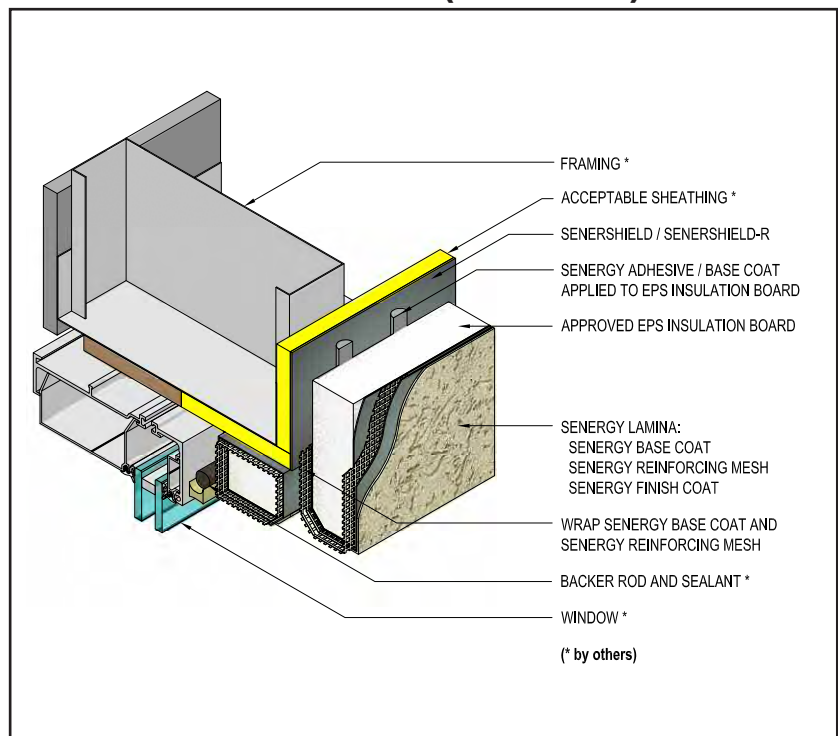


CA-19 0912

Notes:

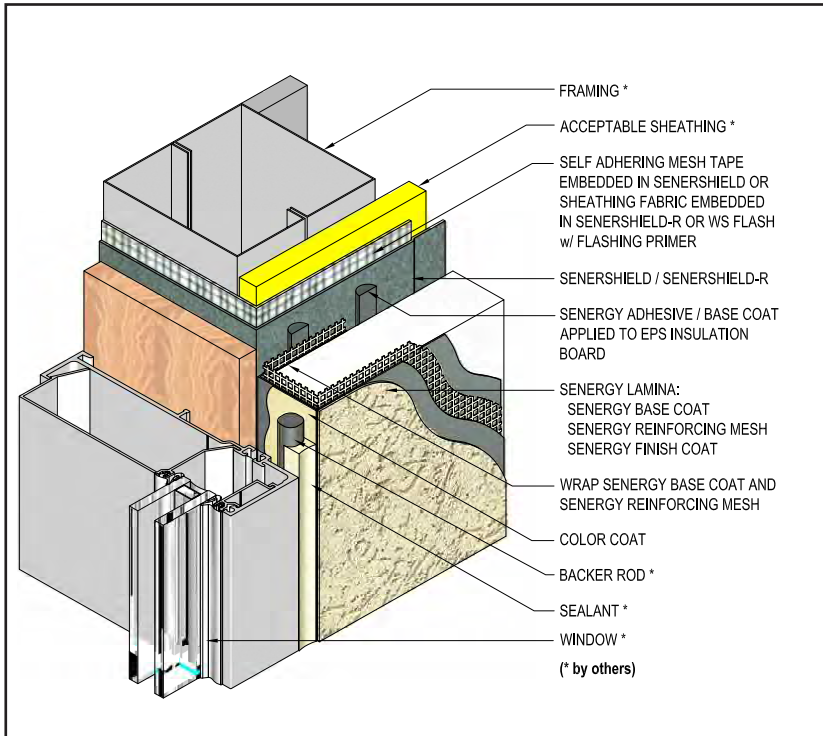
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Ensure a means for drainage is provided at system termination at soffit/fascia transition.
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Provide continuous air seal around interior perimeter of interior window. Contact window manufacturer for specific installation instructions.

TYPICAL WINDOW HEAD (RECESSED)



CA-20 0912

TYPICAL WINDOW JAMB (FLUSH)

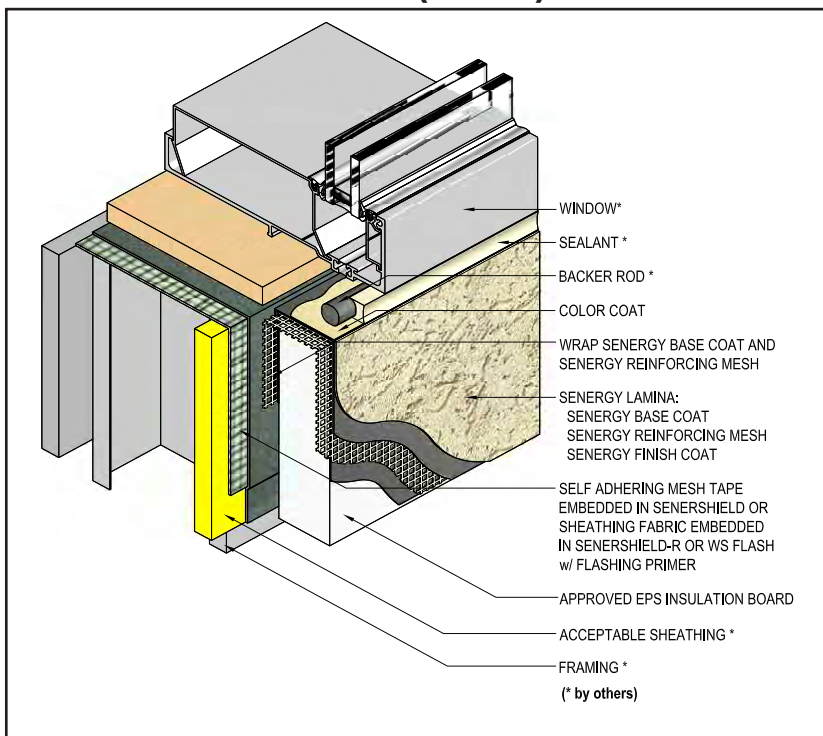


CA-21 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Do not apply finish to areas that will receive sealant.
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Provide continuous air seal around interior perimeter of interior window. Contact window manufacturer for specific installation instructions.

TYPICAL WINDOW SILL (FLUSH)



CA-22 0912

Notes:

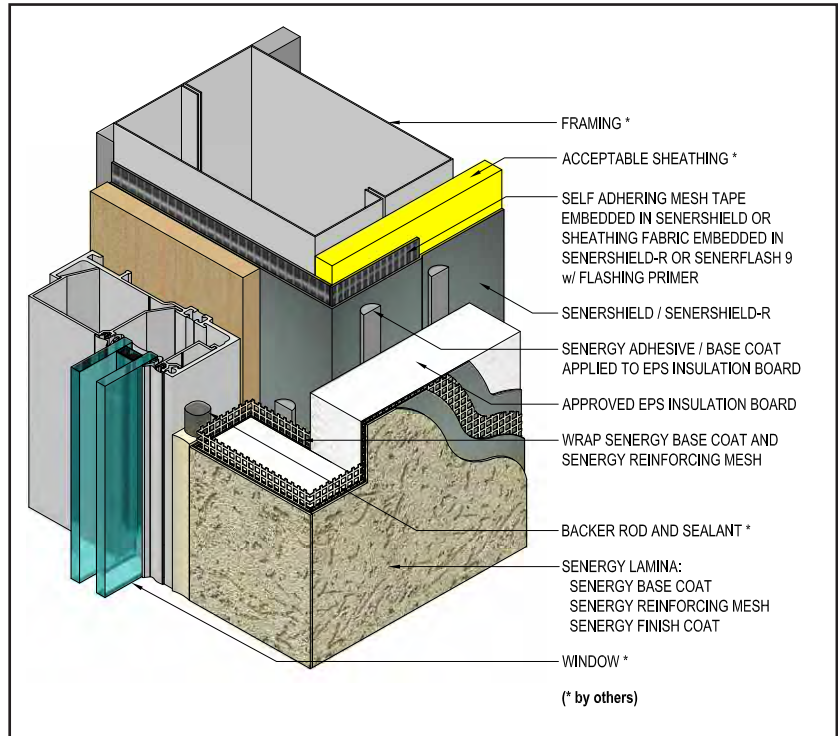
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Do not apply finish to areas that will receive sealant.
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Provide continuous air seal around interior perimeter of interior window. Contact window manufacturer for specific installation instructions.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Do not apply finish to areas that will receive sealant.
- Provide a back wrapped type joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Provide continuous air seal around interior perimeter of interior window. Contact window manufacturer for specific installation instructions.

TYPICAL WINDOW JAMB (RECESSED)

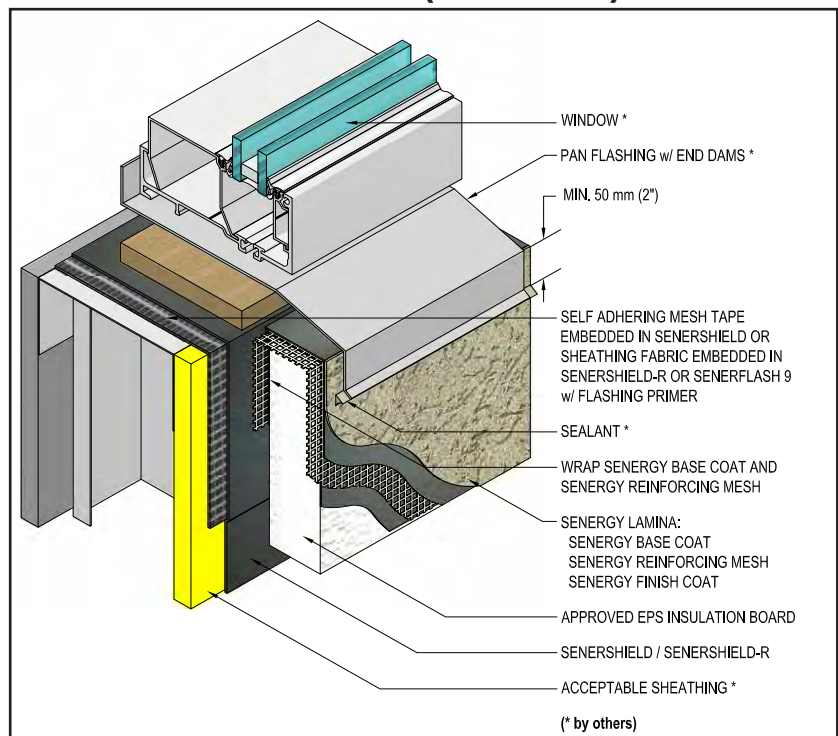


CA-23 0912

Notes:

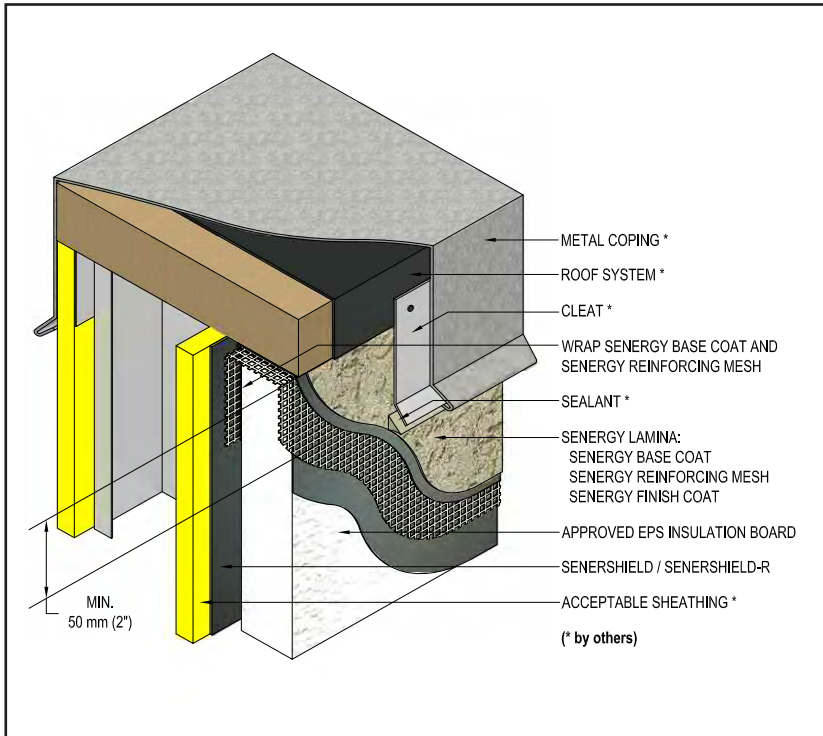
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Ensure that metal pan flashing extends onto the system a minimum of 50 mm (2") down the face and that end dams are provided.
- Provide continuous air seal around interior perimeter of interior window. Contact window manufacturer for specific installation instructions.

TYPICAL WINDOW SILL (RECESSED)



CA-24 0912

TYPICAL COPING

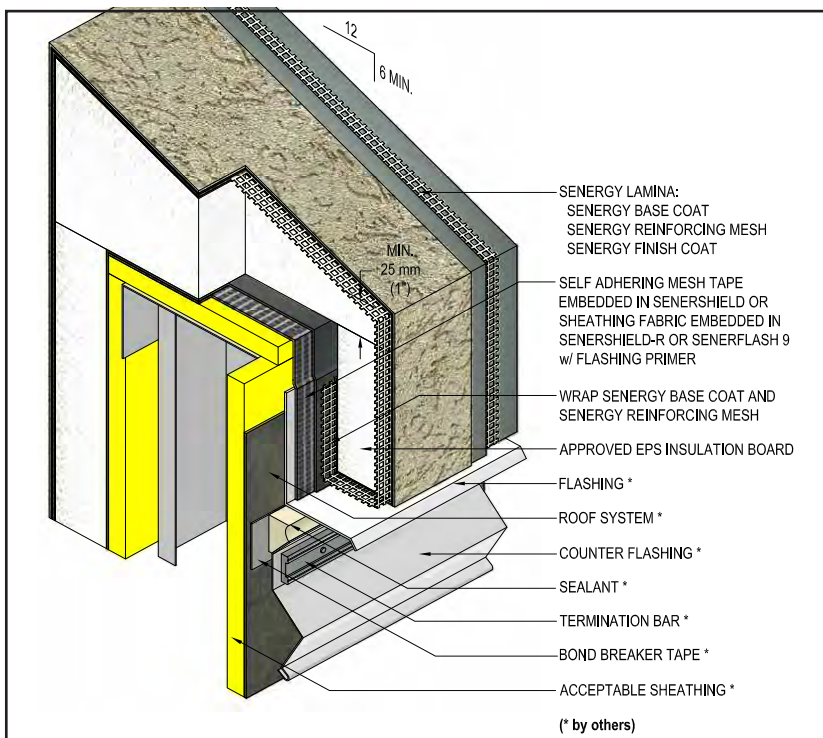


CA-25 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure that metal coping/ flashing extends onto the system a minimum of 50 mm (2") down the face.

TYPICAL PARAPET CAP



CA-26 0912

Notes:

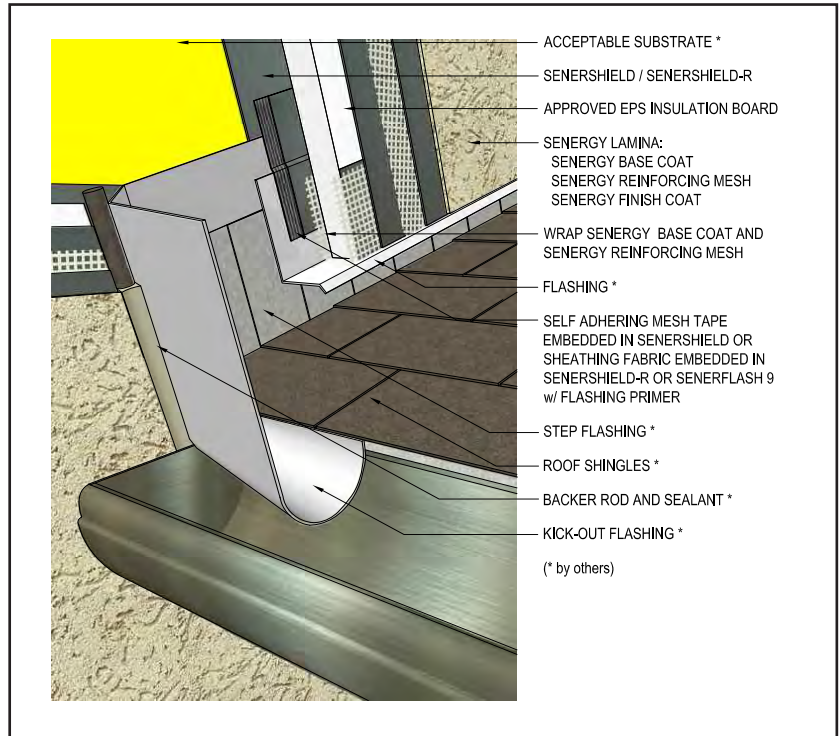
- Verify all materials are installed in accordance with current installation instructions.
- Provide a minimum 6:12 slope for all horizontal surfaces. Senergy requires the use of a roofing system or metal cap flashing for sloped surfaces over 610 mm (24").
- Additional layers of mesh reinforced base coat is recommended when sloped surfaces exceed 305 mm (12").
- Ensure a means for drainage is provided at system termination.
- Terminate system a minimum of 203 mm (8") above roof.
- Maintain a minimum 25 mm (1") thick EPS insulation board.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination at roof.
- Terminate system a minimum of 50 mm (2") above roof.
- Ensure step flashing is a minimum of 50 mm (2") behind system.
- Kick-out flashing shall be a minimum of 102 mm (4") in height.
- Do not apply finish to areas that will receive sealant.

TYPICAL KICK-OUT FLASHING

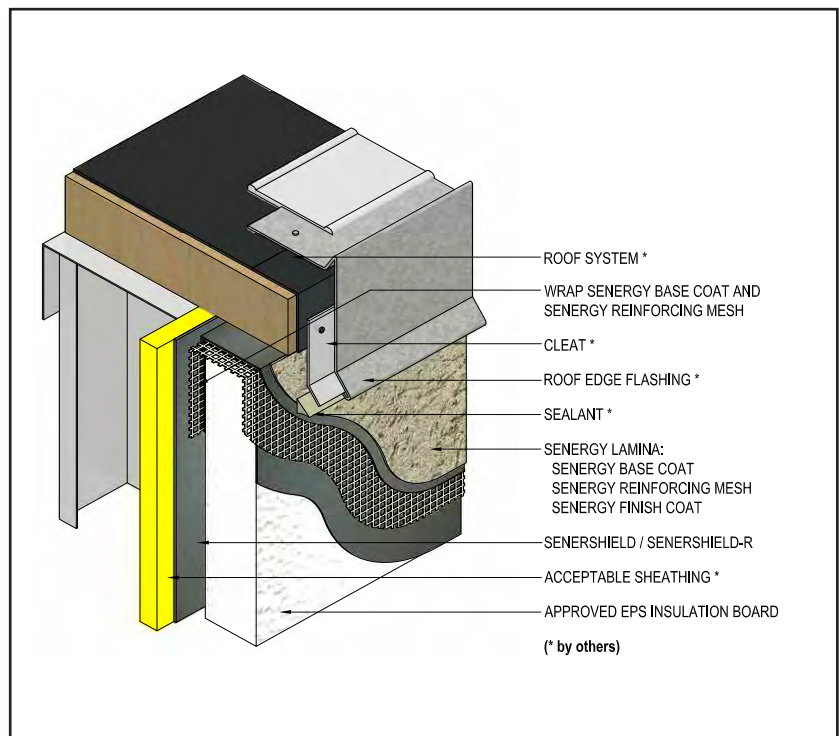


CA-27 0912

Notes:

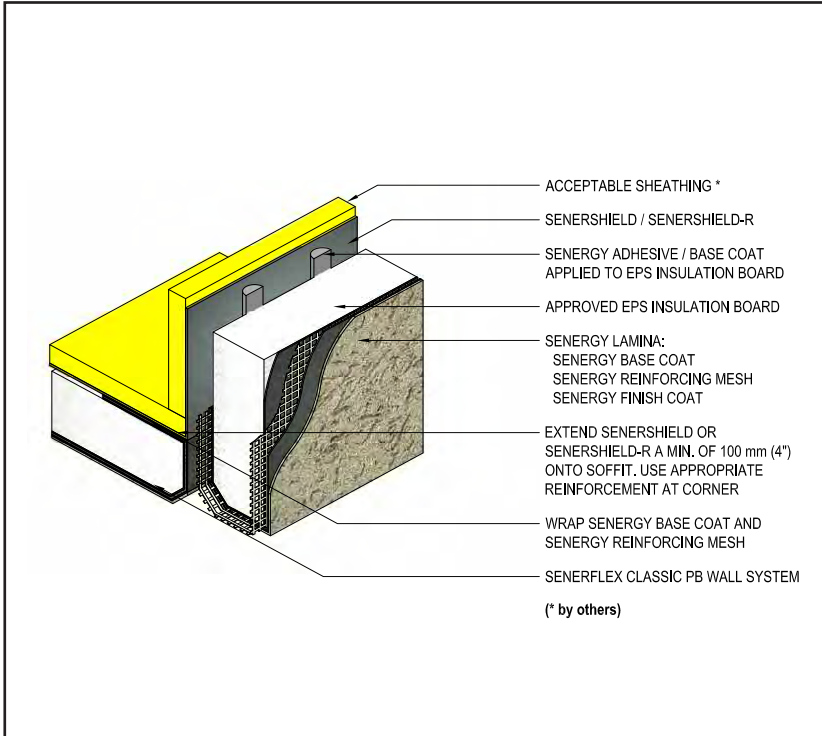
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure that metal coping/flashing extends onto the system a minimum of 50 mm (2") down the face.

TYPICAL ROOF EDGE FLASHING



CA-28 0912

SECTION AT FASCIA / SOFFIT

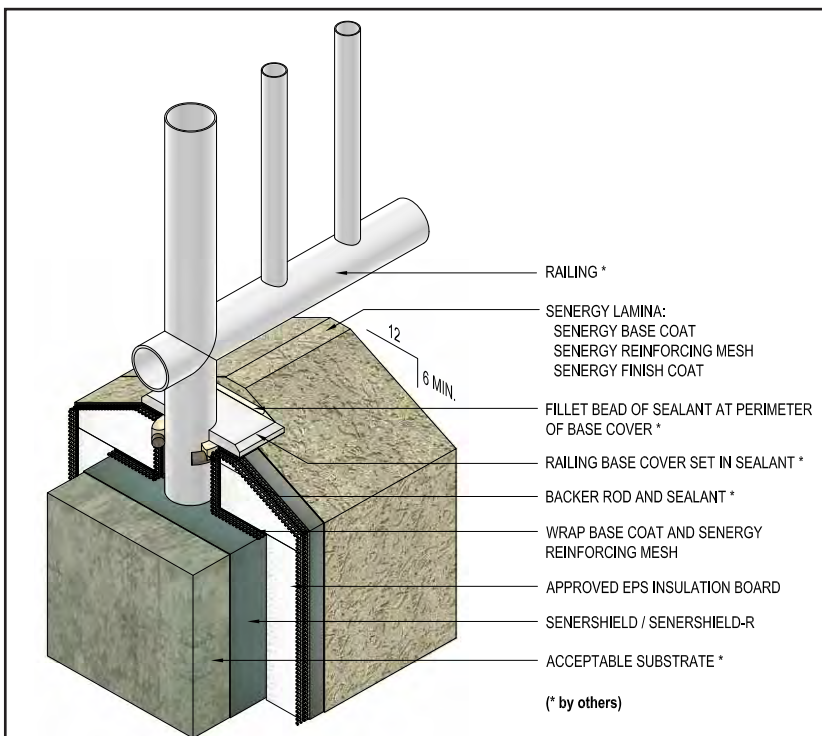


CA-29 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure a means for drainage is provided at system termination at soffit/fascia transition.

TYPICAL CORE MOUNTED RAILING ATTACHMENT



CA-30 0912

Notes:

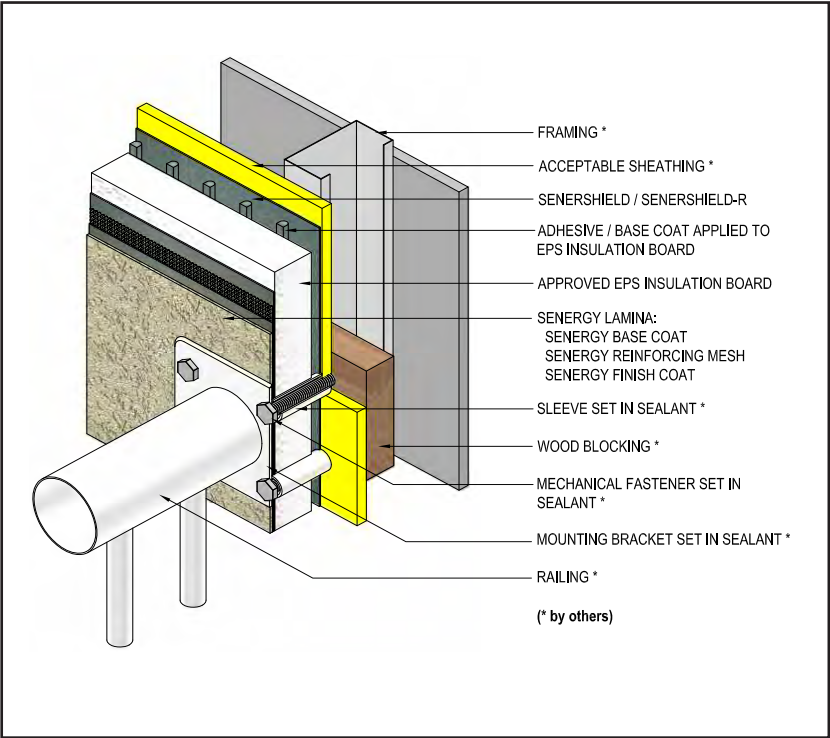
- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure all penetrations into the system are properly sealed.

SENERFLEX CHanneled Adhesive Design

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure all penetrations into the system are properly sealed.

TYPICAL RAILING ATTACHMENT

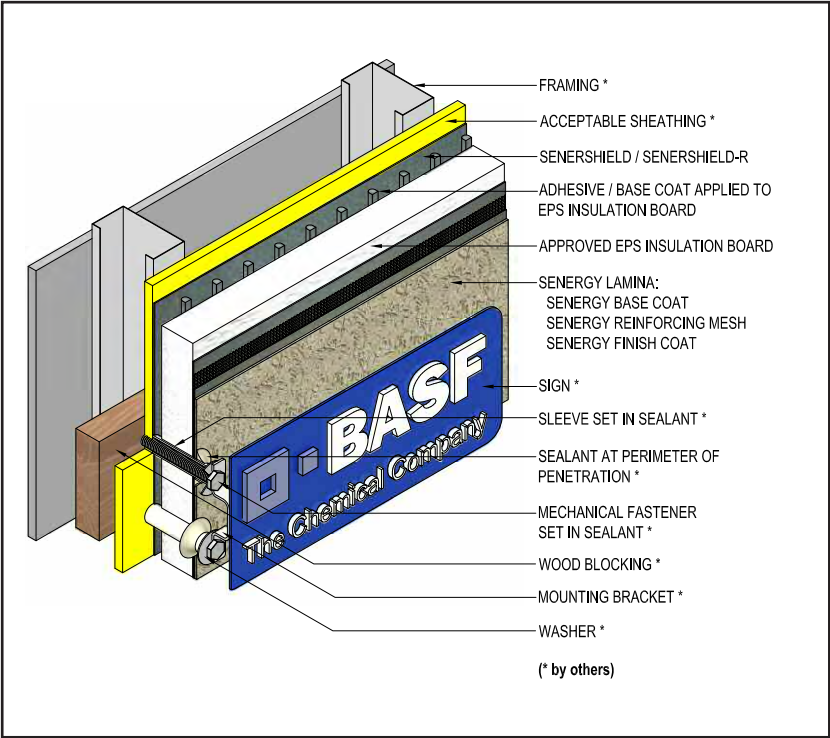


CA-31 0912

Notes:

- Verify all materials are installed in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure all penetrations into the system are properly sealed.
- Blocking or other structural support required for sign attachment.

TYPICAL SIGN ATTACHMENT



CA-32 0912

NOTES

NOTES

Note

BASF Wall Systems is an operating unit of BASF Corporation (herein 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. Please view the Senergy Residential Policy Bulletin on the Senergy website for a more detailed discussion of this topic.

Disclaimer

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