

Senergy[®]



Senerflex Classic PB

Class PB Exterior Insulation and
Finish System
Typical Details

BUILDING TRUST



Senerflex Classic PB

Typical Details

Class PB Exterior Insulation and Finish System

TABLE OF CONTENTS

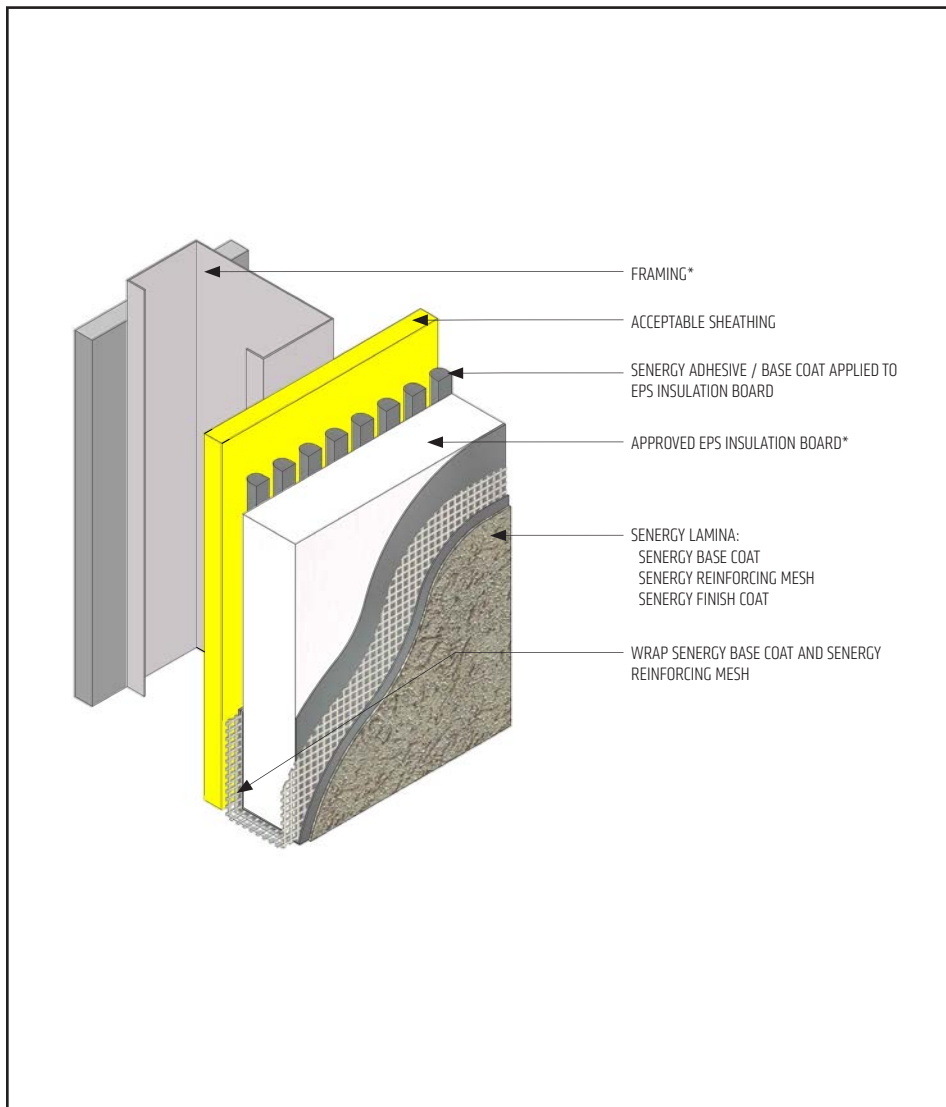
- | | |
|--------------------------------------|--|
| 1. Senerflex Wall System Application | 12. Expansion Joint at Floorline |
| 2. Aesthetic Reveal | 13. Expansion Joint at Change in Substrate |
| 3. Window Head (Flush) | 14. Transition at Soffit / Gable End |
| 4. Window Head (Recessed) | 15. Expansion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

Notes:

- The details within represent Sika Corporation US (hereinafter Sika) latest recommendations. They are presented in good faith by Sika. The details are subject to change without notice. Sika accepts no liability for the end use of the details. For conditions not shown, consult Sika for review of specific detail.
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TYPICAL SENERFLEX WALL SYSTEM APPLICATION



- All terminations must be fully encapsulated with mesh reinforced base coat.

PB-01 2401

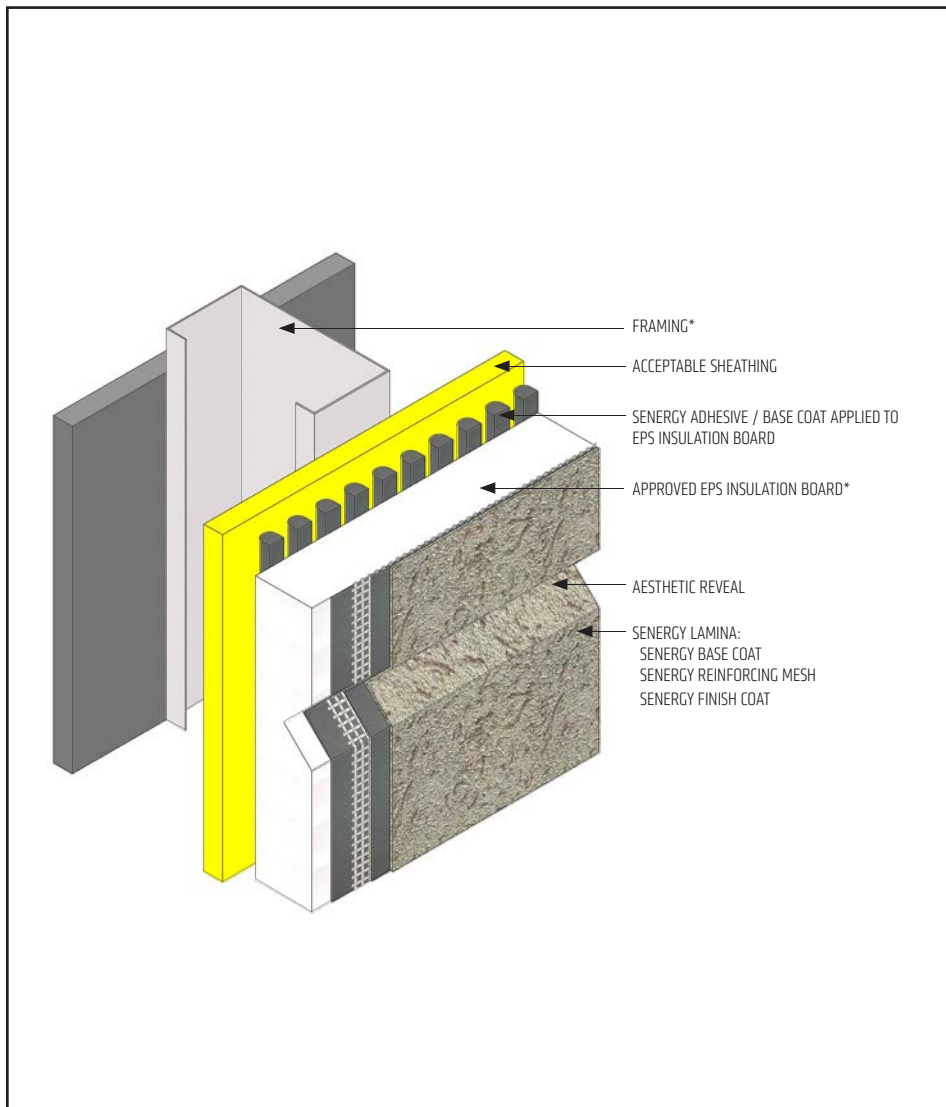
(*NOTE: BY OTHERS)

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TYPICAL AESTHETIC REVEAL



PB-02 2401

(*NOTE: BY OTHERS)

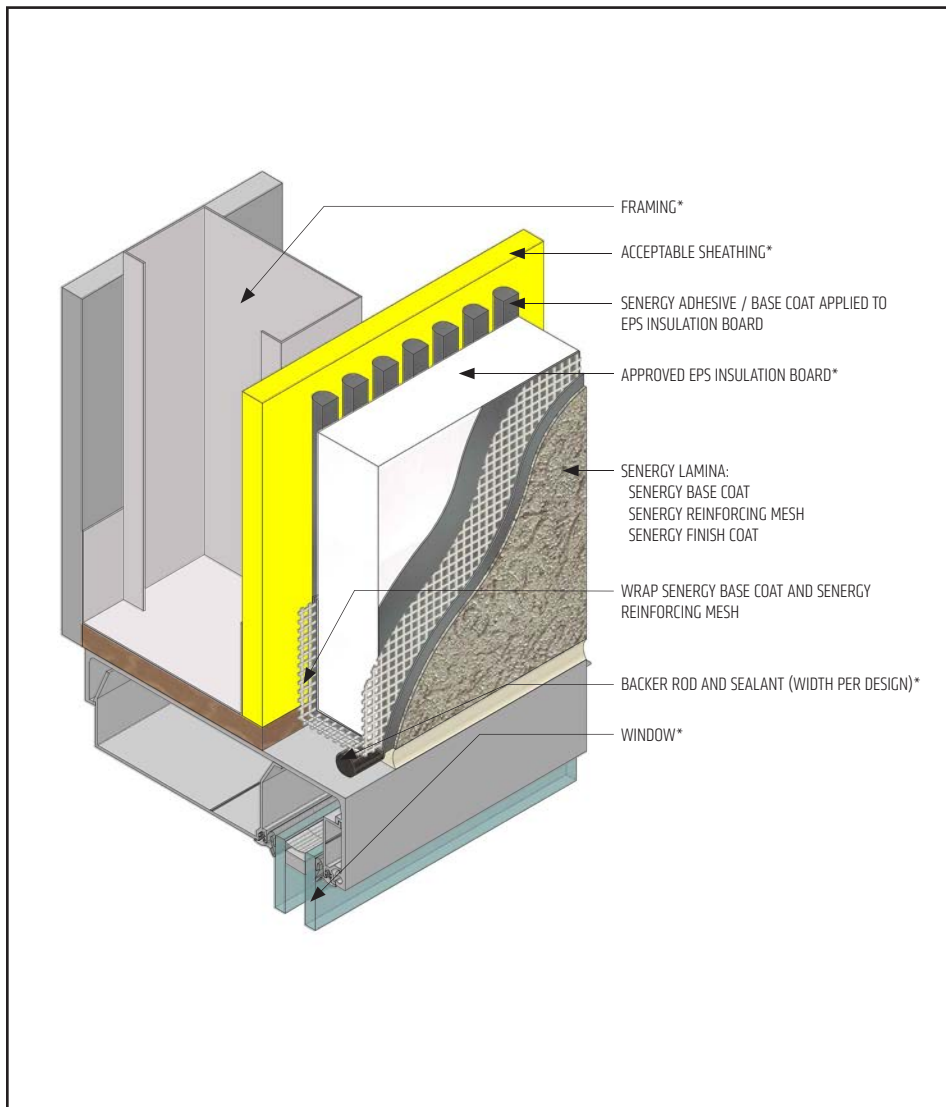
- Maintain a minimum 3/4" (19 mm) thick EPS insulation board behind all reveals and aesthetic grooves.
- Reinforcing mesh shall be continuous through the reveal and care shall be taken to ensure reinforcing mesh is encapsulated into the reveal and is not cut during base coat application.
- Horizontal 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.

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TYPICAL WINDOW HEAD (FLUSH)



PB-03 2401

(*NOTE: BY OTHERS)

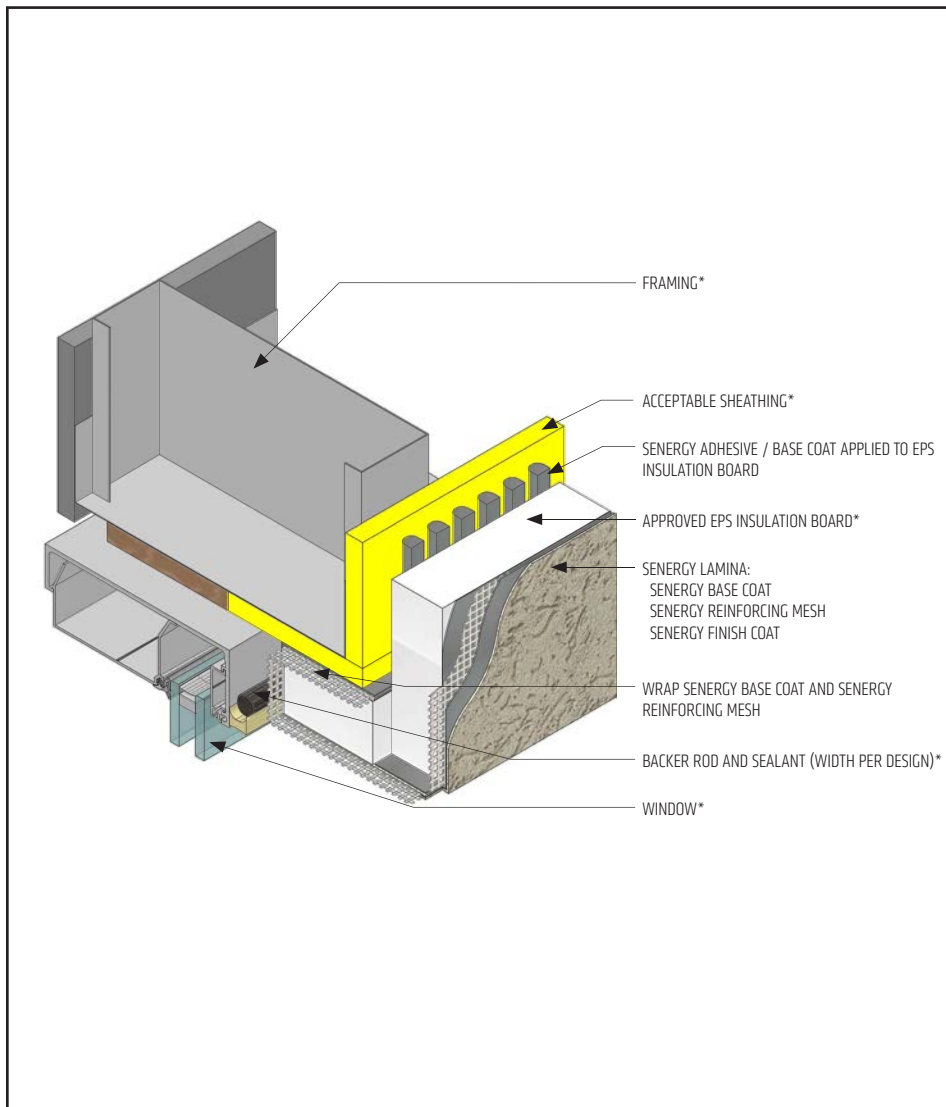
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.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

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TYPICAL WINDOW HEAD (RECESSED)



PB-04 2401

(*NOTE: BY OTHERS)

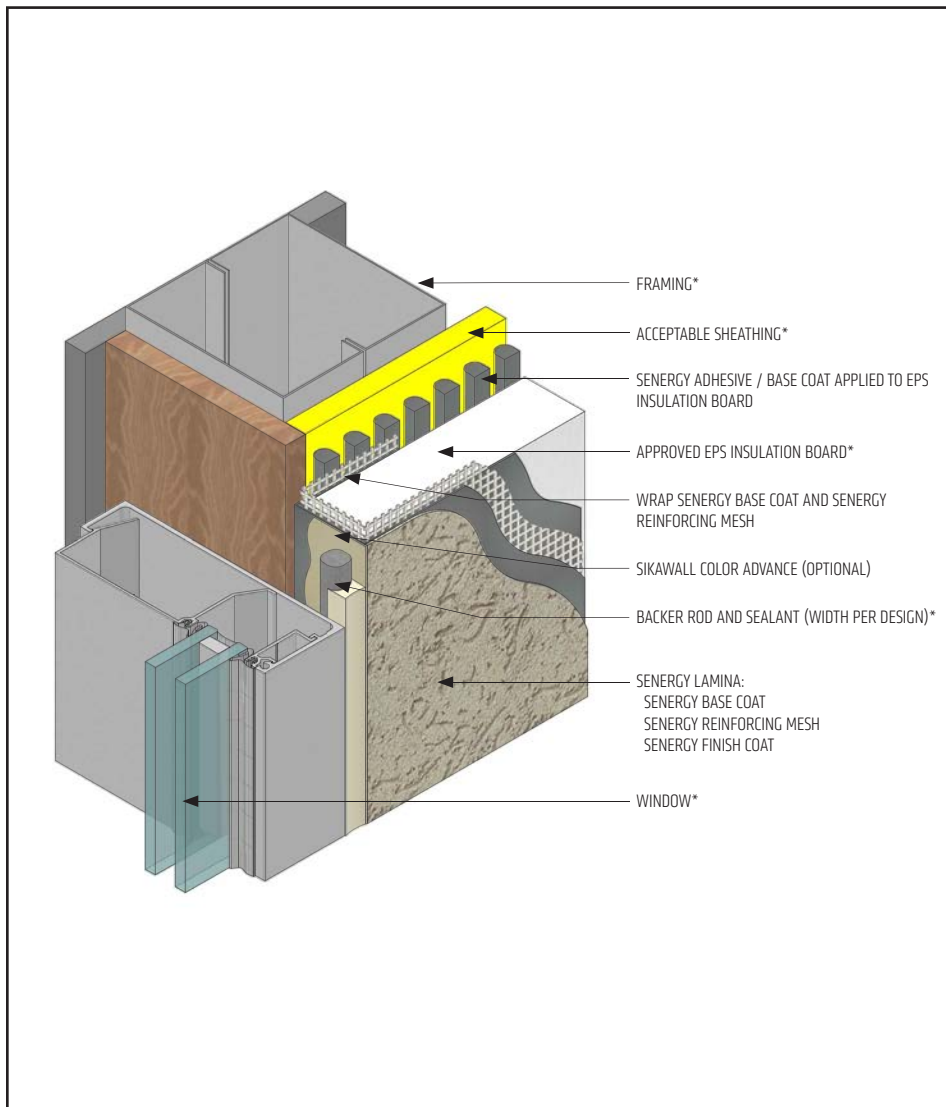
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.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

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TYPICAL WINDOW JAMB (FLUSH)



- 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.

PB-05 2401

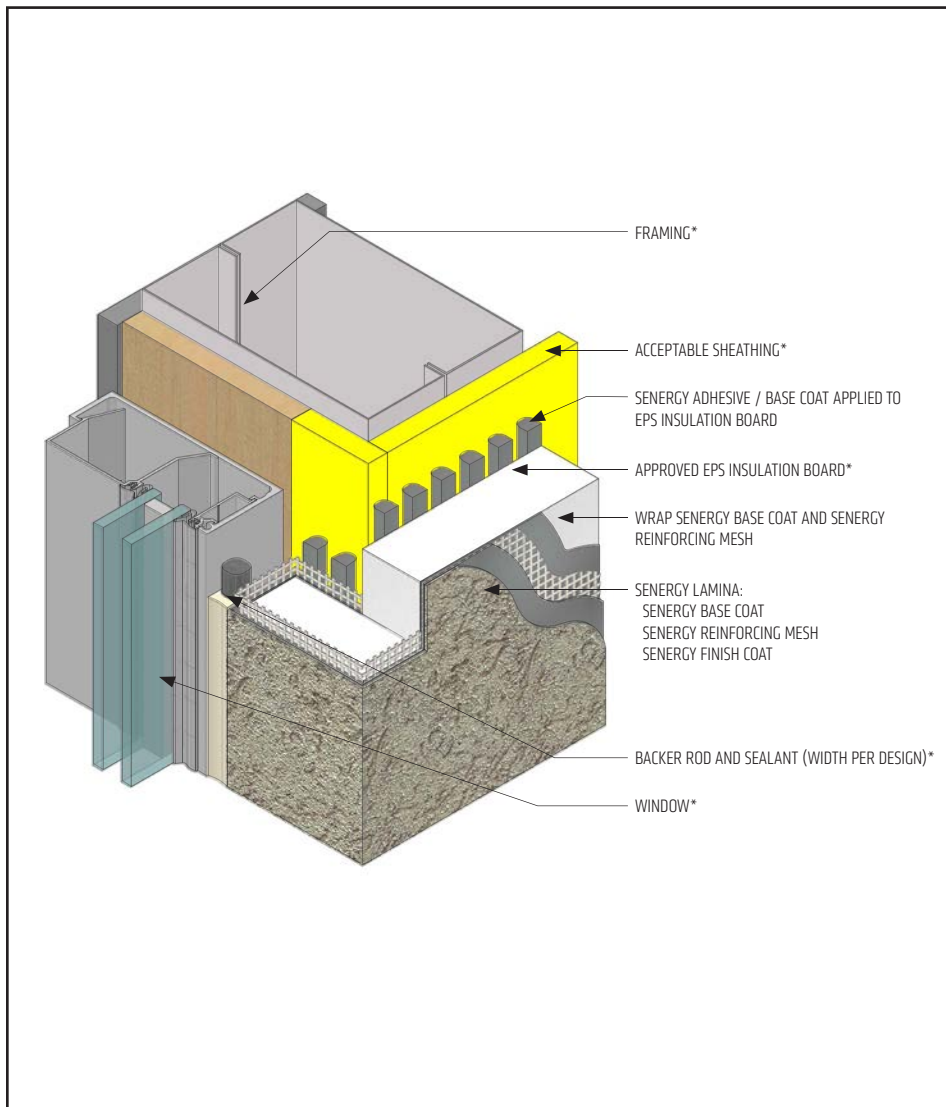
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TYPICAL WINDOW JAMB (RECESSED)



PB-06 2401

(*NOTE: BY OTHERS)

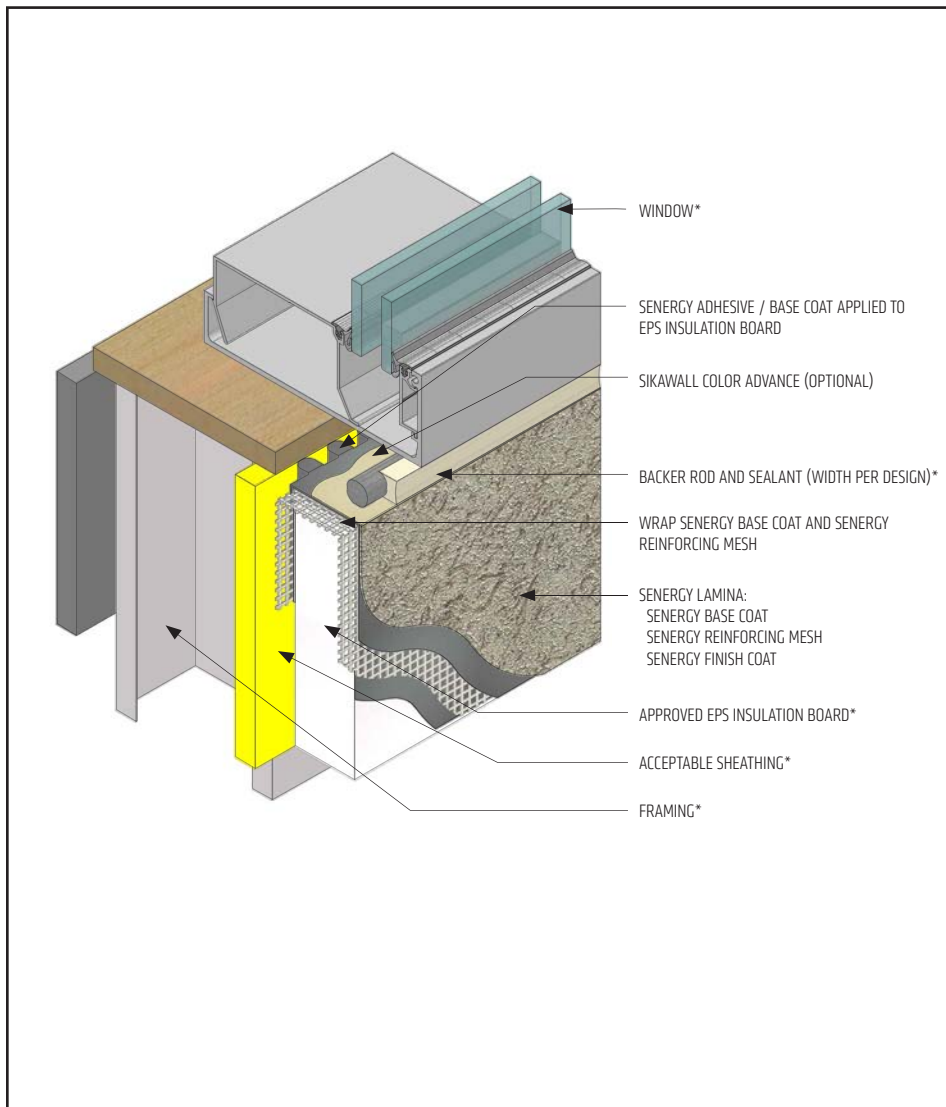
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.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

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TYPICAL WINDOW SILL (FLUSH)



- 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.

PB-07 2401

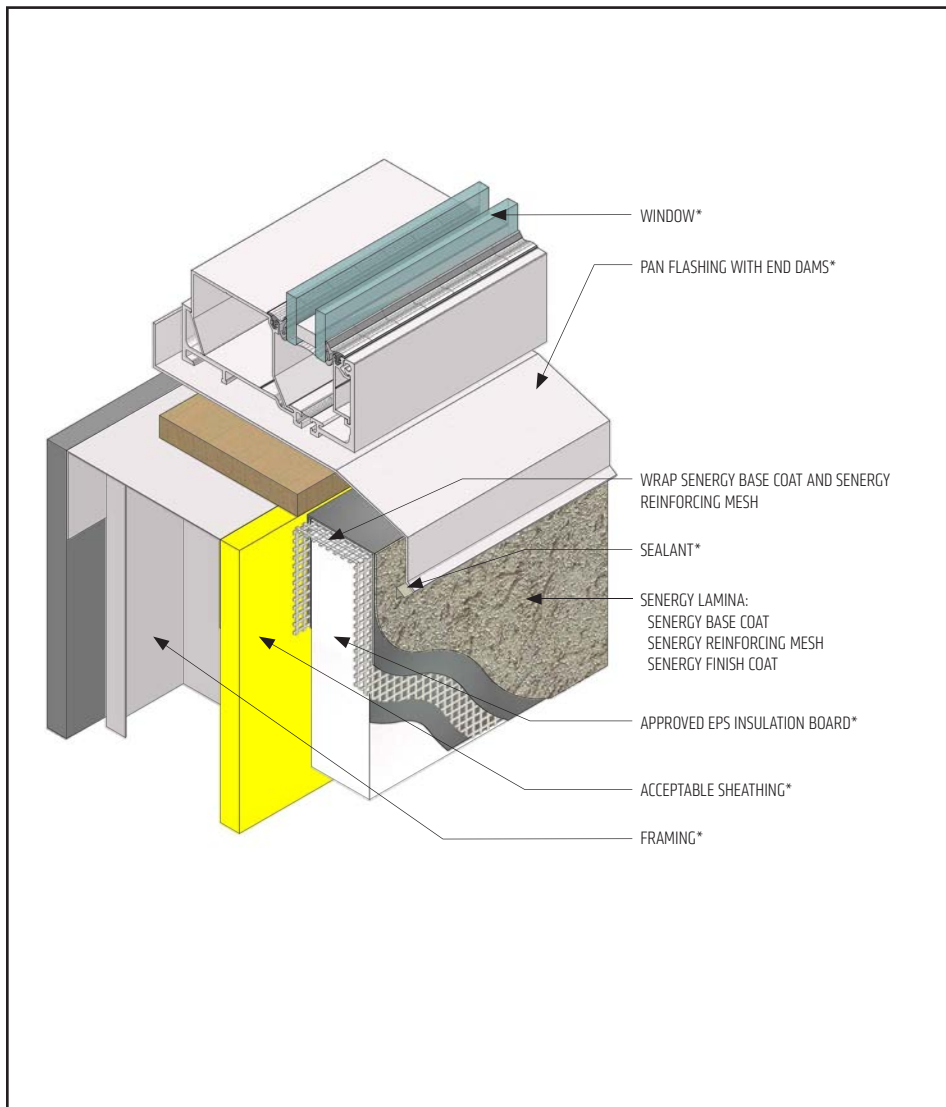
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TYPICAL WINDOW SILL (RECESSED)



PB-08 2401

(*NOTE: BY OTHERS)

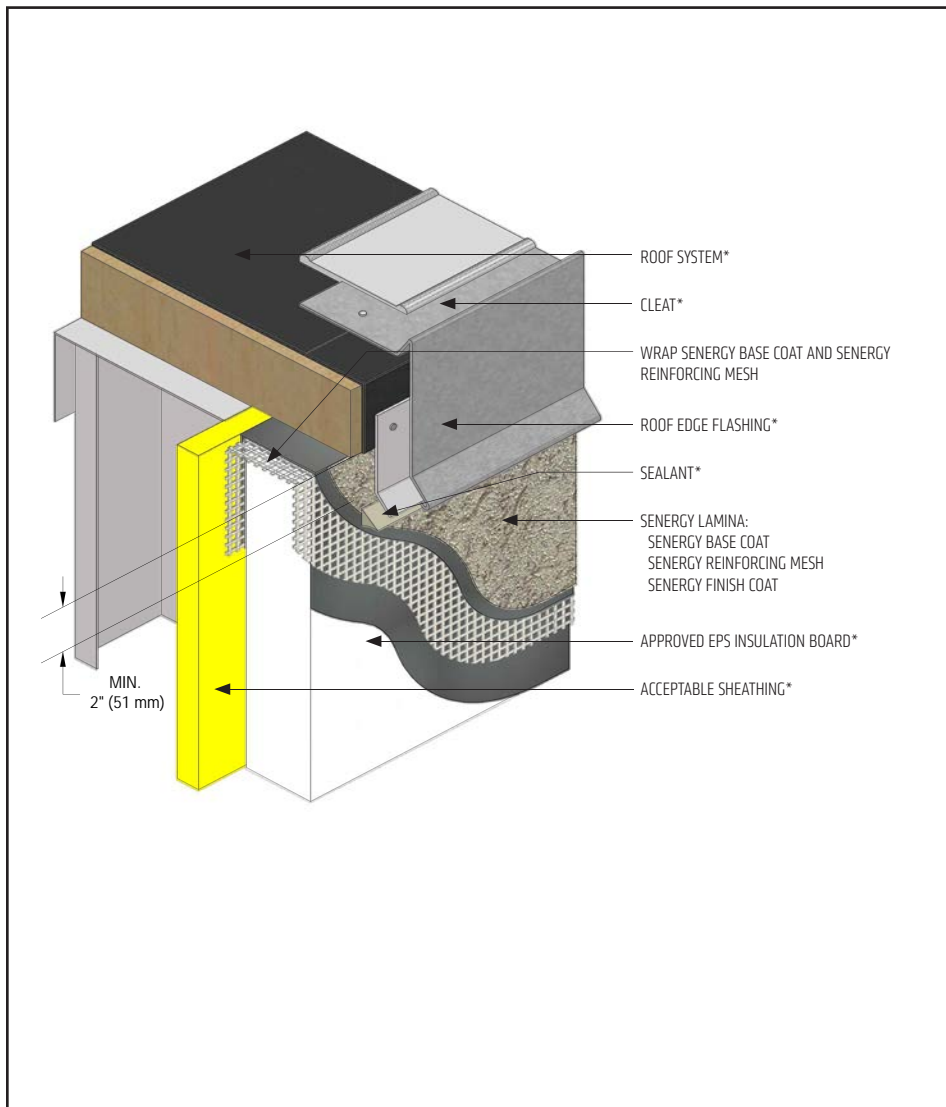
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Provide a properly configured back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a watertight seal is achieved.
- Joint and EPS insulation board must not line up with corner of rough openings.
- Ensure flashing extends onto the system a minimum of 2" (51 mm) and that flange is sealed.

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TYPICAL ROOF EDGE FLASHING



- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure that metal coping/flushing extends onto the system a minimum of 2" (51 mm) and that the flange is sealed.

PB-09 2401

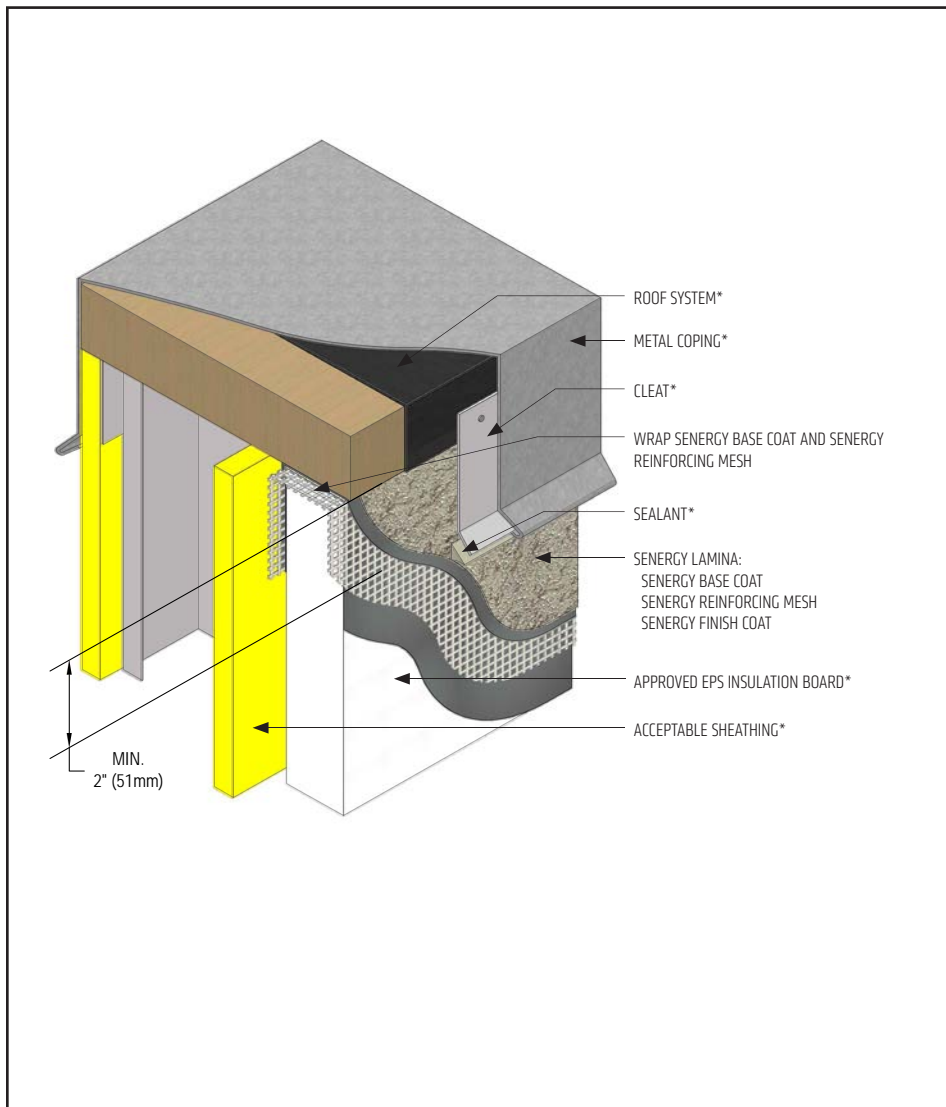
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TYPICAL PARAPET CAP FLASHING



- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure that metal coping/flashing extends onto the system a minimum of 2" (51 mm) and that the flange is sealed.

PB-10 2401

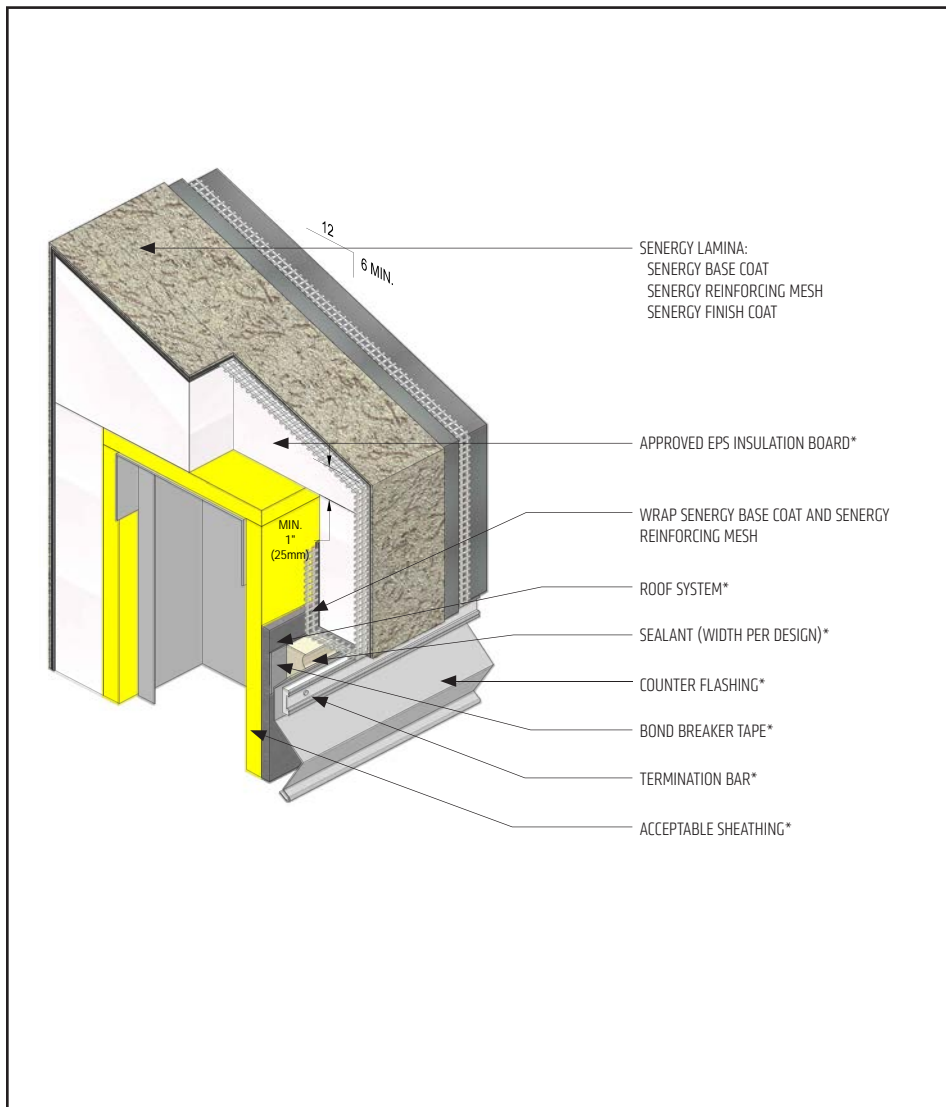
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TYPICAL PARAPET CAP



PB-11 2401

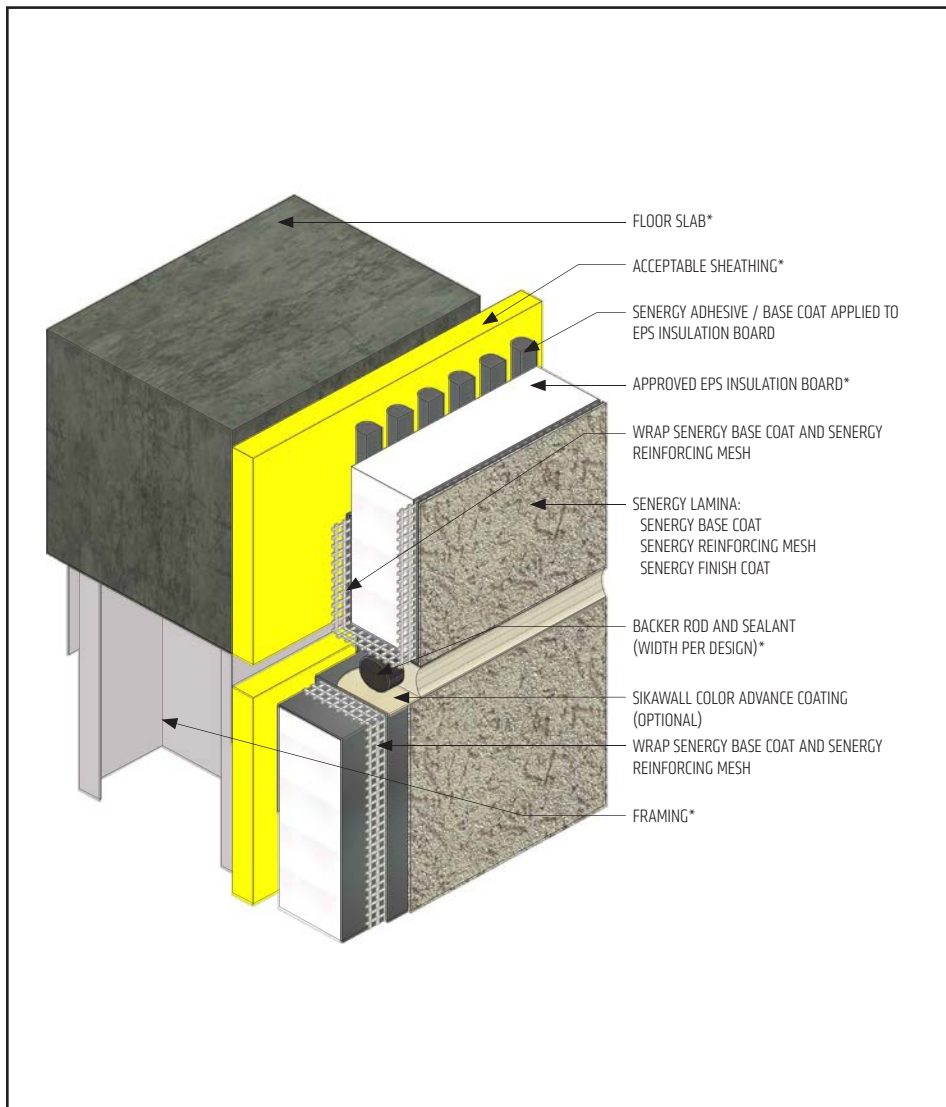
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TYPICAL EXPANSION JOINT AT FLOOR LINE



PB-12 2401

(*NOTE: BY OTHERS)

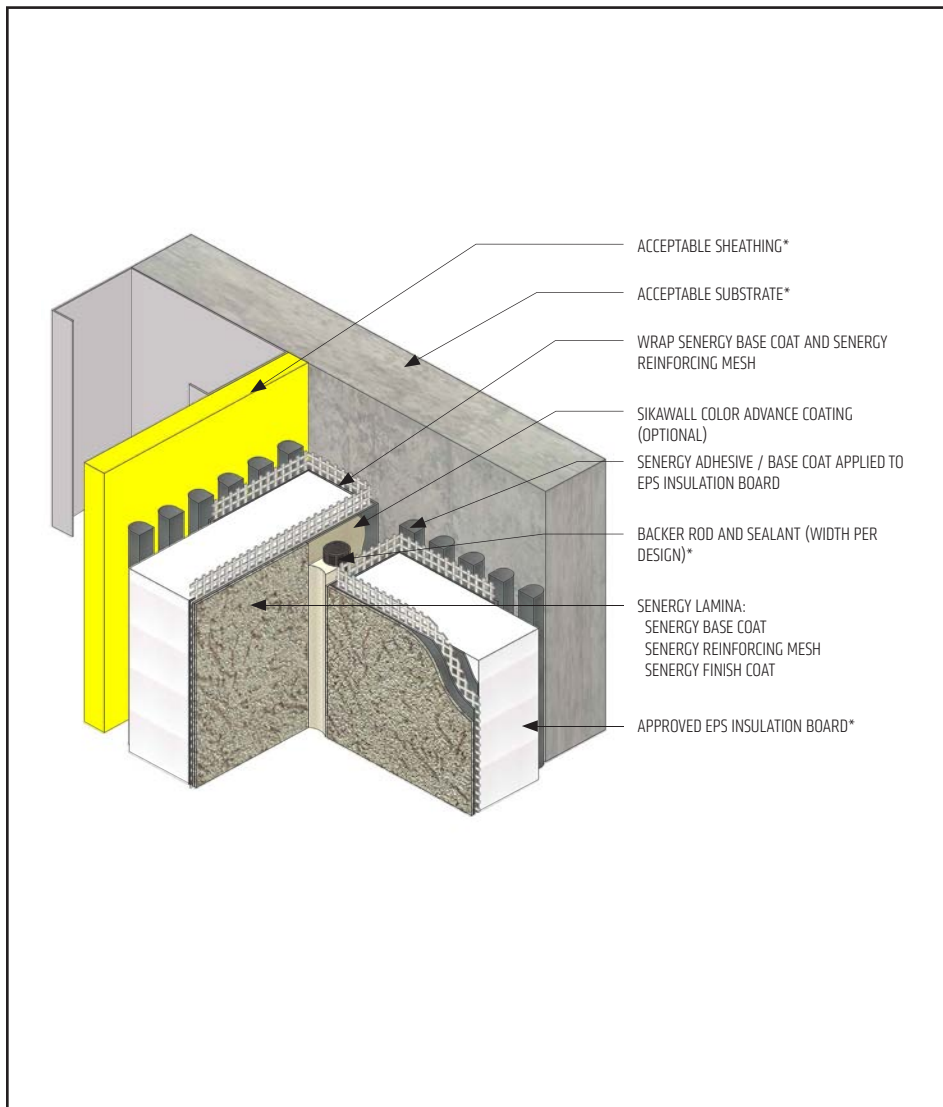
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, floor lines in multi-level wood frame construction, and where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

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TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE



- 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.

PB-13 2401

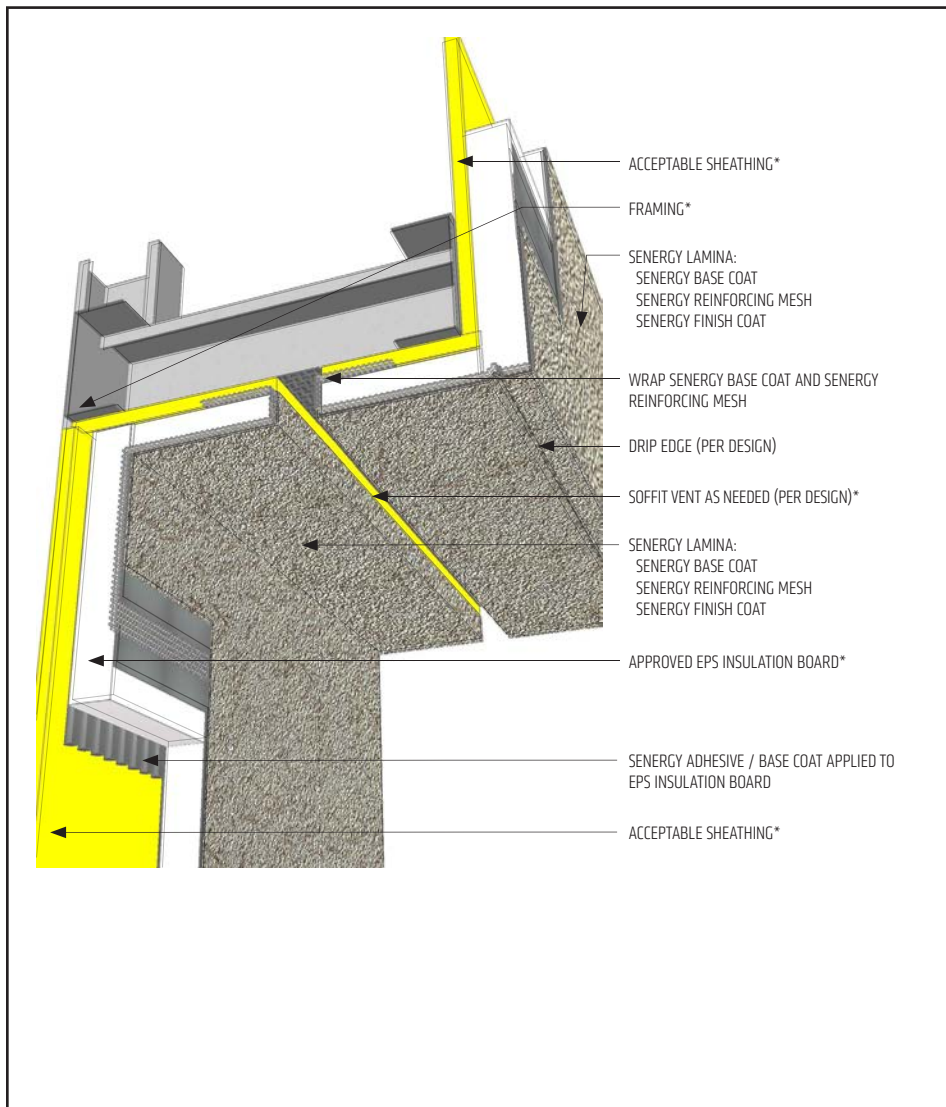
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TYPICAL TRANSITION AT SOFFIT AND FASCIA



- All terminations must be fully encapsulated with mesh reinforced base coat.
- Maintain a minimum 3/4" (19 mm) thick EPS insulation board behind drip edge

PB-14 2401

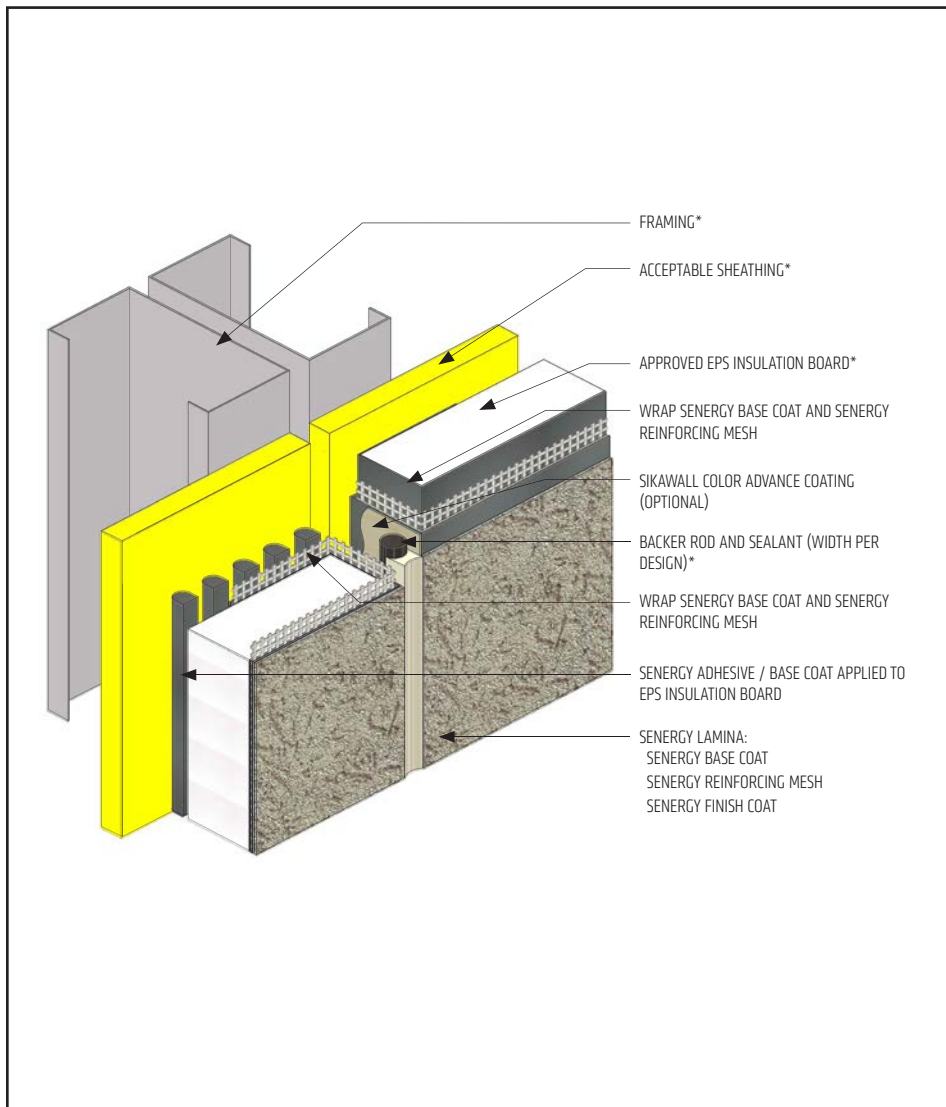
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TYPICAL EXPANSION JOINT



PB-15 2401

(*NOTE: BY OTHERS)

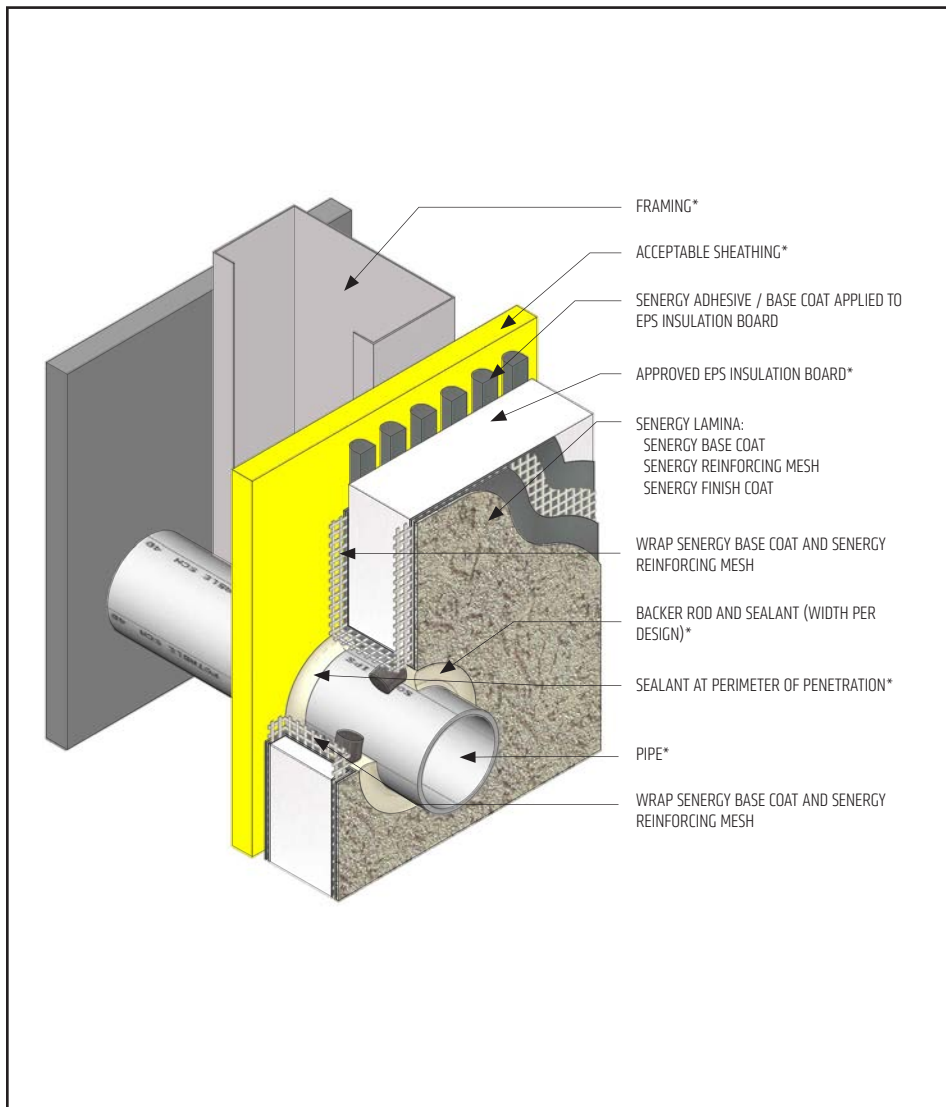
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Install expansion joints in the system at all changes in substrate, through existing expansion joints, floor lines in multi-level wood frame construction, and where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

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TYPICAL PIPE PENETRATION



PB-16 2401

(*NOTE: BY OTHERS)

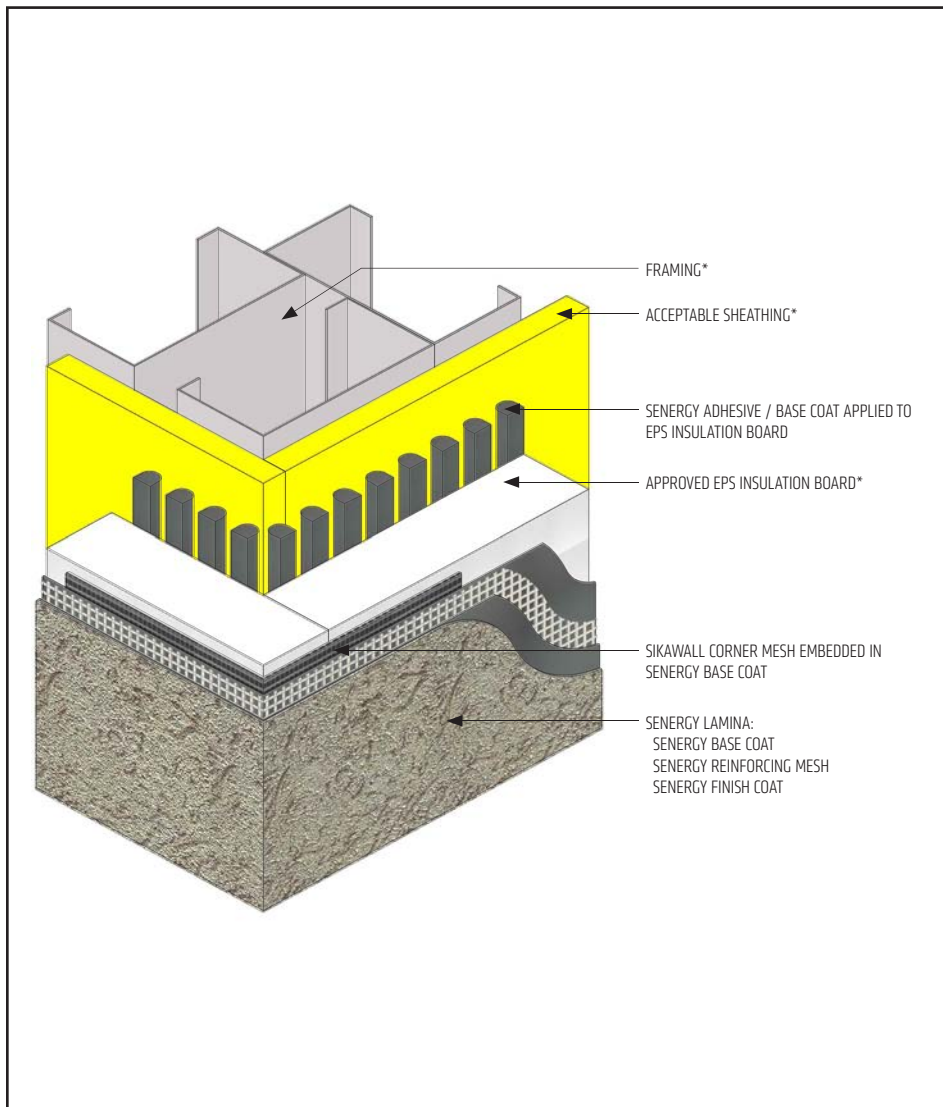
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.
- Ensure all penetrations through the system are properly sealed.

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TYPICAL CORNER MESH



- Ensure reinforcing mesh is continuously lapped a minimum of 8" (203 mm) around corners.
- Stagger vertical joints in EPS insulation board at corners.

PB-17 2401

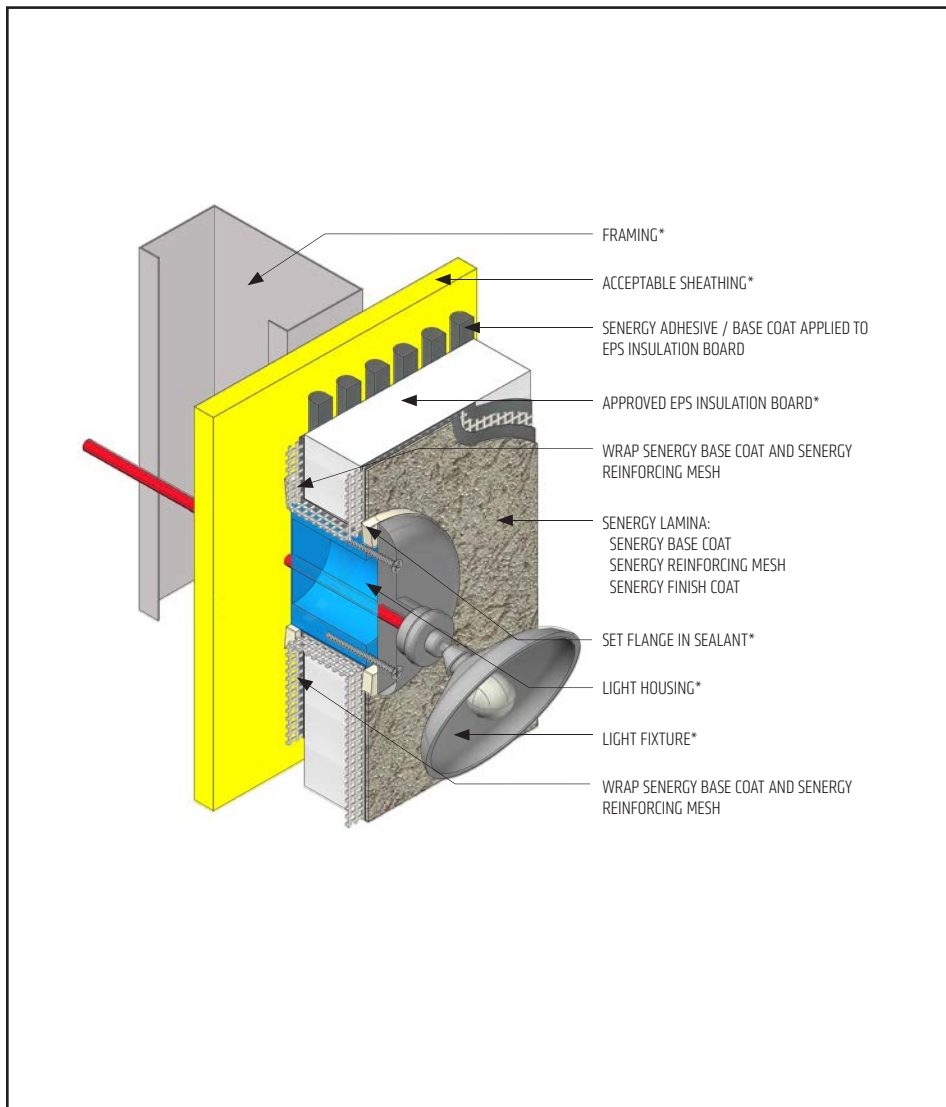
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TYPICAL LIGHT FIXTURE



- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure all penetrations through the system are properly sealed.

PB-18 2401

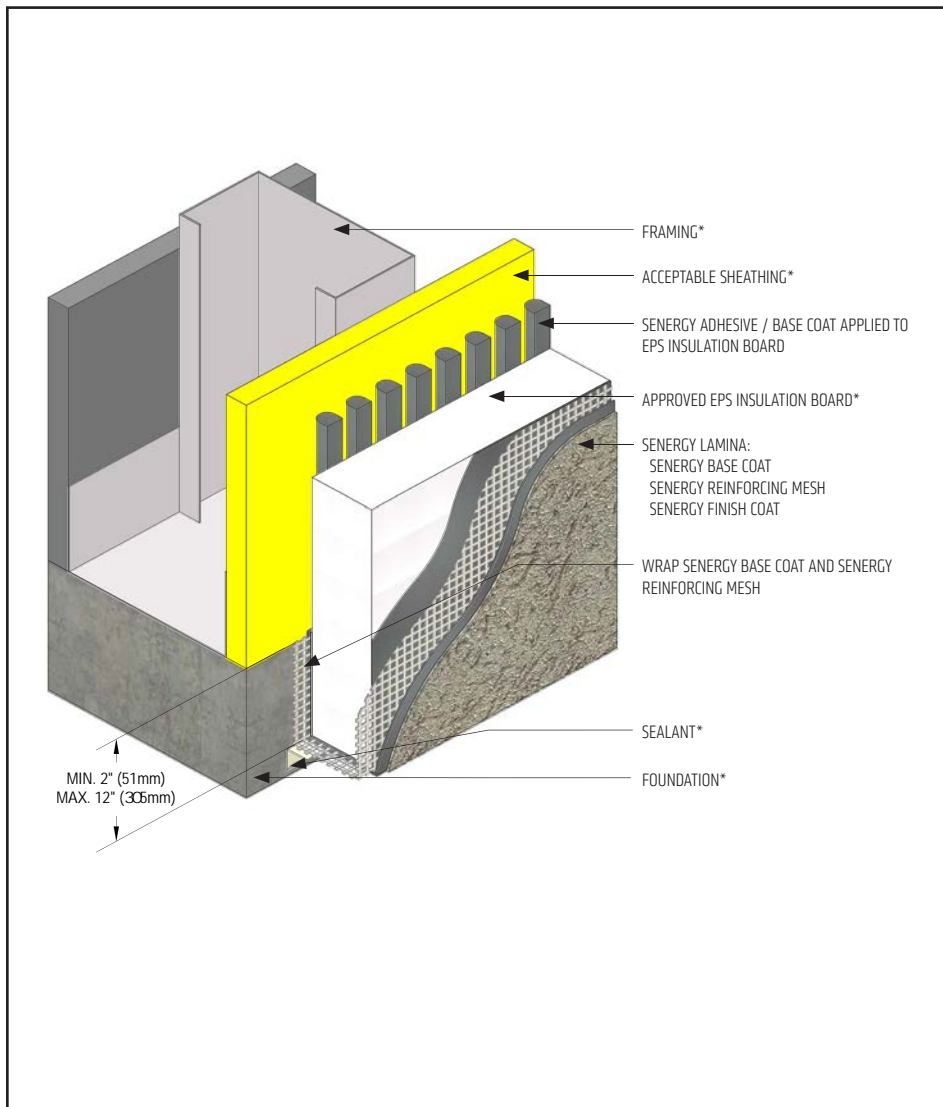
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TYPICAL TERMINATION AT FOUNDATION



- All terminations must be fully encapsulated with mesh reinforced base coat.
- Terminate system a minimum of 6" (152 mm) above grade.
- Extend system a minimum of 2" (51 mm) and a maximum of 12" (305 mm) at the foundation transition.

PB-19 2401

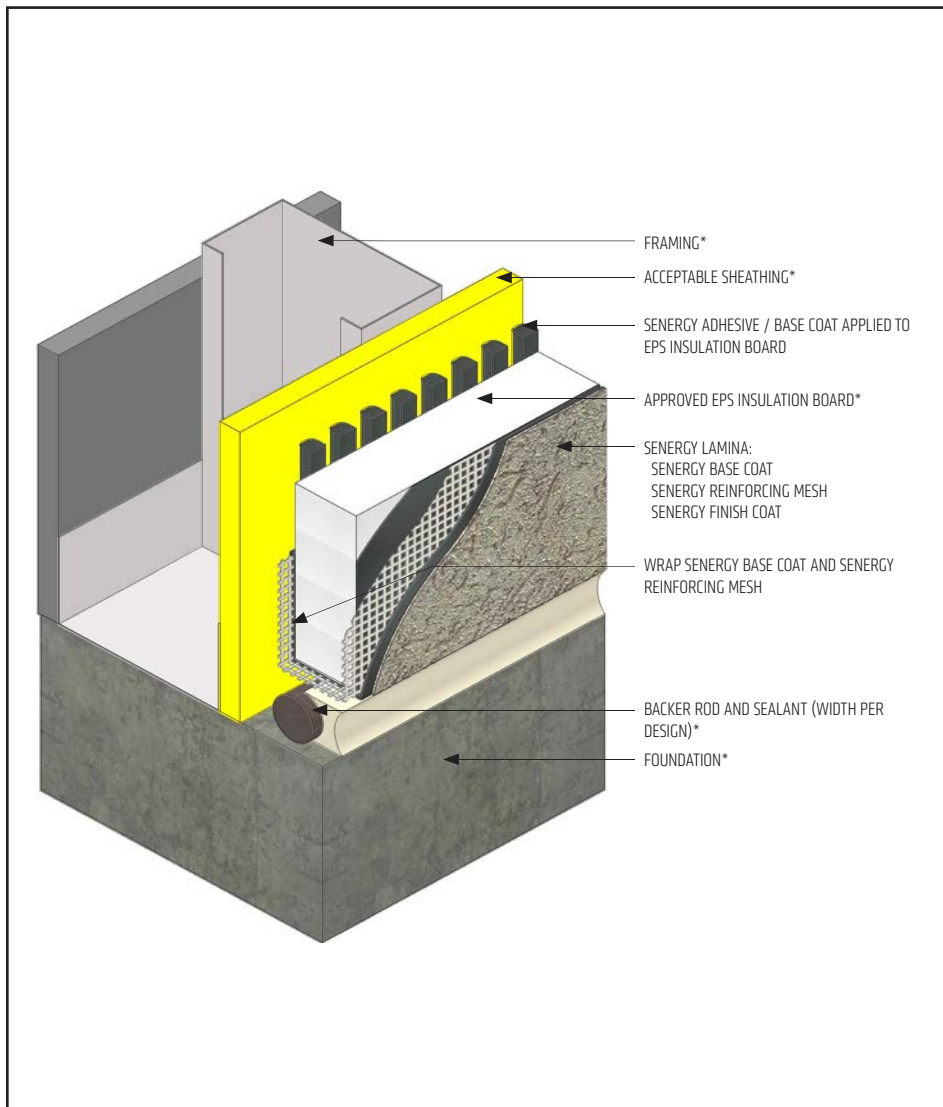
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TYPICAL TERMINATION AT FOUNDATION (FLUSH)



- All terminations must be fully encapsulated with mesh reinforced base coat.
- Do not apply finish to areas that will receive sealant.

PB-20 2401

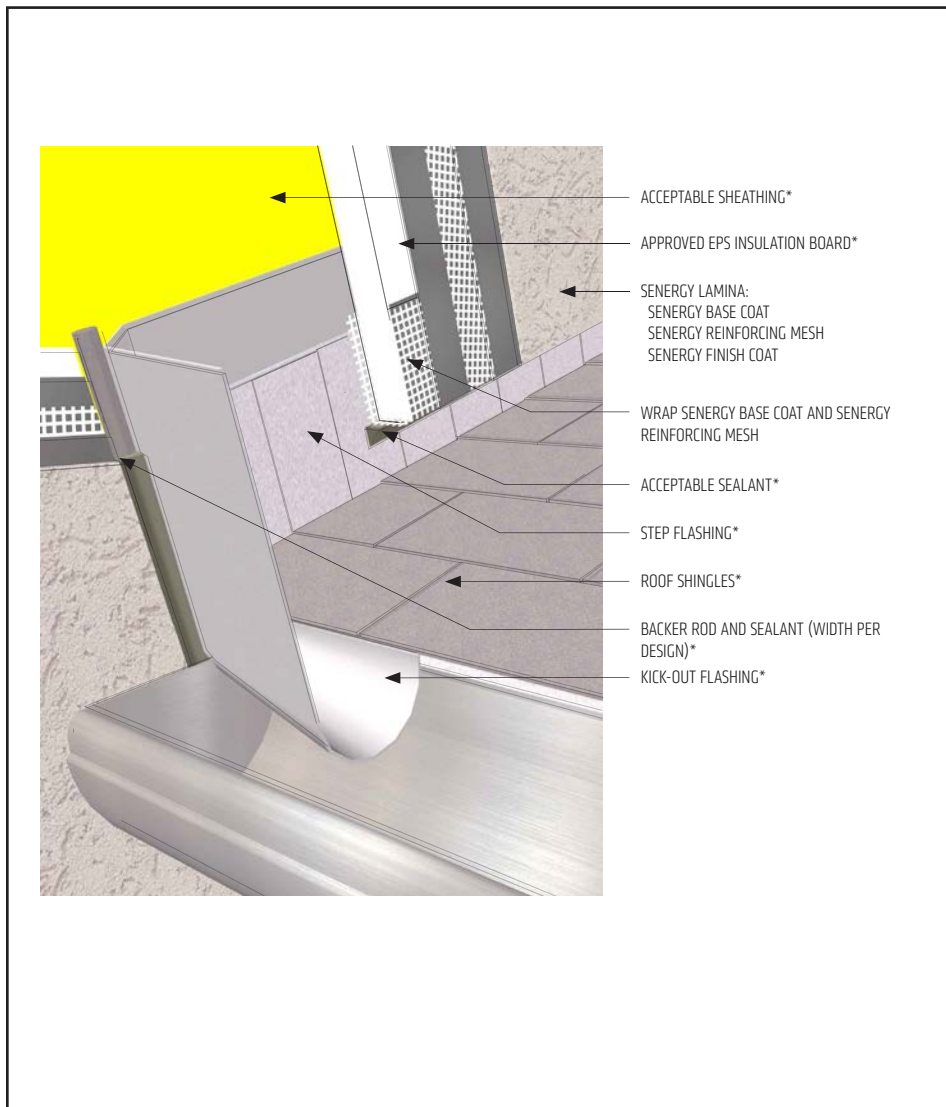
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TYPICAL KICK-OUT FLASHING



- 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 2" (51 mm) above sloped roof.
- Ensure step flashing is a minimum of 2" (51 mm) behind system.
- Kick-out flashing shall be a minimum of 4" (102 mm) in height, angled at 100° minimum; seams must be soldered or sealed with appropriate sealant.

PB-21 2401

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Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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