Channeled Adhesive CI Design with MaxGrip Veneer Mortar
Continuously Insulated System with Adhered Veneer
Typical Details
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Typical Details

Continuously Insulated System with Adhered Veneer

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Notes:
- Install BASF materials in accordance with current installation instructions.
- Unsatisfactory conditions shall be reported to the General Contractor and corrected before the application of BASF products.
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TYPICAL CHANNELED ADHESIVE PROFILE

- Install BASF materials in accordance with current installation instructions.
- Apply mixed base coat to entire surface of insulation board using a stainless steel trowel with 1/2" x 1/2" (13 mm x 13 mm) notches spaced 2" (50 mm) apart. Ribbons of adhesive must be applied parallel to the 2' (610 mm) 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.
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TYPICAL APPLICATION

• Install BASF materials 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 terminations.
• Adhered veneer shall not exceed 15 lbs. (6.8 kg) per sq. ft.

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TYPICAL OUTSIDE CORNER APPLICATION

- Install BASF materials in accordance with current installation instructions.
- BASF INTERMEDIATE 12 reinforcing mesh is lapped a minimum of 8" (203 mm) around corners.
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TYPICAL PIPE PENETRATION

- Install BASF materials 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.

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TYPICAL VERTICAL EXPANSION JOINT

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Install expansion joints in the system at all changes in substrate, terminations at dissimilar materials, through existing expansion joints, floor lines in multi-level wood frame construction, at slip track in steel framed construction and where movement is anticipated. It is the sole responsibility of the design professional to determine specific expansion joint location, placement and design.
- Ensure drainage plane is continuous and unobstructed at expansion joint.

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TYPICAL EXPANSION JOINT AT CHANGE IN SUBSTRATE

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure drainage plane is continuous and unobstructed at expansion joint.
- Install expansion joints in the system at all changes in substrate, terminations at dissimilar materials, through existing expansion joints, floor lines in multi-level wood frame construction, at slip track in steel framed 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 FLOORLINE

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Install expansion joints in the system at all changes in substrate, terminations at dissimilar materials, through existing expansion joints, floor lines in multi-level wood frame construction, at slip track in steel framed 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 TYPICAL DRAINAGE AT FLOORLINE detail).
- Do not apply finish to areas that will receive sealant.
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TYPICAL DRAINAGE AT FLOORLINE

- Install BASF materials 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, terminations at dissimilar materials, through existing expansion joints, floor lines in multi-level wood frame construction, at slip track in steel framed 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.

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TYPICAL TERMINATION AT FOUNDATION

- Install BASF materials 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 8" (203 mm) above grade.
- Extend system a minimum of 2" (50 mm) and a maximum of 12" (305 mm) at the sole plate foundation transition.

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TYPICAL TERMINATION AT FOUNDATION (FLUSH)

- Install BASF materials 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 weeps a minimum of 24" (610 mm) on center.

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TYPICAL WINDOW HEAD (FLUSH)

- Install BASF materials 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 terminations at all window, door and PTAC unit heads.
- Provide end-dams at flashing terminations.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.

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TYPICAL WINDOW HEAD (FLUSH) WITH WEEPS

- Install BASF materials 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 terminations at all window, door and PTAC unit heads.
- Provide end-dams at flashing terminations.
- Place weeps a minimum of 16" (406 mm) on center.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.

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TYPICAL WINDOW HEAD (FLUSH) WITH DIVERTER TRACK

• Install BASF materials in accordance with current installation instructions.

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

• Ensure that the diverter flashing extends 6" (152 mm) beyond opening on either side of the opening to allow potential moisture to drain down the wall to the side of the opening. BASF MAXFLASH or SHEATHING FABRIC embedded in SENERSHIELD-R/-RS/-VB or WS FLASH with Flashing Primer must be extended over flange of diverter track. Ensure the diverter track flashing is sloped to provide a means for drainage. Length of diverter track not to exceed 10 ft. (3 m).

• Maintain a minimum of 3/4" (19 mm) EPS insulation thickness over diverter track.

• Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
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TYPICAL WINDOW HEAD WITH SEALANT END DAM

- Install BASF materials 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 terminations at all window, door, and PTAC unit heads.
- Provide end-dams at flashing terminations.
- EPS insulation boards must be a single piece around corners of openings.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
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TYPICAL WINDOW JAMB (FLUSH)

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Provide a back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).

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TYPICAL WINDOW SILL (FLUSH)

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Provide a back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).

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TYPICAL WINDOW HEAD (RECESSED)

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Provide a back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Ensure that the diverter flashing extends 6" (152 mm) beyond opening on either side of the opening to allow potential moisture to drain down the wall to the side of the opening. BASF MAXFLASH or SHEATHING FABRIC embedded in SENERSHIELD-R/-RS/-VB or WS FLASH with Flashing Primer must be extended over flange of diverter track. Ensure the diverter track flashing is sloped to provide a means for drainage. Length of diverter track not to exceed 10 ft. (3 m).
- Maintain a minimum of 3/4" (19 mm) EPS insulation thickness over diverter track.
- BASF INTERMEDIATE 12 reinforcing mesh is lapped around corners.
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TYPICAL WINDOW JAMB (RECESSED)

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Provide a back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- BASF INTERMEDIATE 12 reinforcing mesh is lapped around corners.
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TYPICAL WINDOW SILL (RECESSED)

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure Senergy air/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 pan flashing extends onto the system a minimum of 2" (50 mm) down the face and that end dams are provided.
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TYPICAL FLANGED WINDOW HEAD

- Install BASF materials 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 terminations at all window heads.
- Provide end-dams at flashing terminations.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
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**TYPICAL FLANGED WINDOW JAMB**

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Provide a back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
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TYPICAL FLANGED WINDOW SILL

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure Senergy air/water-resistive barrier is properly applied into the rough openings in accordance with application guidelines and code requirements prior to EPS insulation board application.
- Provide a back wrapped joint with backer rod and sealant at system terminations to dissimilar materials, ensuring that a water tight seal is achieved (width per design).
- Consult window manufacturer for recommendations for treatment of window sill flange.

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**TYPICAL COPING**

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure that coping/ flashing extends over the system a minimum of 2" (50 mm).
- Extend the Senergy air/water-resistive barrier on to the bottom and face of blocking.

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TYPICAL RAILING ATTACHMENT

- Install BASF materials in accordance with current installation instructions.
- All terminations must be fully encapsulated with mesh reinforced base coat.
- Ensure all penetrations through the system and railing plate are properly sealed.

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