1.0 EXTERIOR SKIN PROFILES:

A. SHADOWLINE - 1168mm (46") PANEL MODULE

1.0 EXTERIOR SKIN PROFILES:

B. MICRORIB - 1168mm (46") PANEL MODULE

GENERAL NOTES FOR SPI ISOWALL PANEL

1.0 Material:
Panel: 2" - 10" (50.8mm - 254mm) thick
Core: Rigid Expanded Polystyrene (EPS)
Exterior Siding Sheet: Fabricated from Z275 steel material conforming to ASTM A653M grade 230 steel
Profile:
Thickness: 38.1mm
Finish: Smooth or Embossed prepainted steel
Colour: Standard White or custom

GENERAL NOTES FOR SPI ROCKWALL PANEL

1.0 Material:
Panel: 2.5" - 10" (63.5mm - 254mm) thick
Core: PERMANENTLY BONDED MINERAL WOOL
Exterior Siding Sheet: Fabricated from Z275 steel material conforming to ASTM A653M grade 230 steel
Profile:
Thickness: 46.0mm
Finish: Smooth or Embossed prepainted steel
Colour: Standard White or custom
3.0 Typical Corner Installation

3.01 Once Structural Panels Inc Isowall or Rockwall panels have been erected and secured into place flashing must be installed to complete the installation.

3.02 Apply Adfast Adseal 4800 silicone sealant in one continuous bead to inside of flashing so an air tight seal is achieved.

3.03 Flashing is secured to the panel with #8 Tek self-drilling screws installed ½” – 1” from outside edge at 12” OC increments along the length.

NOTE: CORNERS MUST BE PLUMB AND STRAIGHT WITH ADJACENT PANELS CONTACTING EACH OTHER. IF THESE CONDITIONS ARE NOT MET IT IS POSSIBLE THAT ANY SUPPLIED CORNER FLASHINGS WILL NOT FIT PROPERLY.
STANDARD DETAILS - PANEL JOINT

CFIA accepted 26ga min G-90 Hot Dipped Galvanized steel pre-coated with standard finish [both interior and exterior]

Varies 2" (2.5" Rockwall) - 10"

EPS or Rockwall core

Field applied silicone on surface of panel joint

Internally caulked panel joint

PLAN VIEW  NOT TO SCALE

Externally caulked panel joint

PLAN VIEW  NOT TO SCALE

Isowall or Rockwall* panel joint

* NONCOMBUSTIBLE ROCKWALL CONSTRUCTION ONLY. FOR FIRE RATED SYSTEM DETAILS PLEASE REFER TO FIRE RATED DRAWING SET.
INSTALLING ISOWALL OR ROCKWALL PANELS FROM STRUCTURAL PANELS INC

CONCRETE FLOOR:

1.1 Apply AdFast sealant to concrete floor as shown beneath U-channel base.

1.2 Install U-channel base in desired location, fastening U-channel to concrete floor using ¼"X1" nail-in fasteners at 16" OC minimum. Special care should be taken to ensure a straight run is maintained for proper installation.

1.3 Stand panel into place and fasten bottom of panel to U-channel using #8 Tek screws @ 12" OC.

1.4 Stand each additional panel and slide into position and engage lips of adjacent panel. Maintain uniform side joints in order to maintain panel module. Repeat steps 1.3 and 1.4 until all wall panels are standing and secured in desired position.

CONCRETE CURB:

1.1 Apply AdFast sealant to concrete curb as shown beneath drip base.

1.2 Install drip base in desired location, fastening drip to concrete floor using ¼"X1" nail-in fasteners at 16" OC minimum. Special care should be taken to ensure a straight run is maintained for proper installation.

1.3 Stand panel into place and fasten bottom of panel to drip base using Tek screws, 3 screws per panel minimum.

1.4 Stand each additional panel and slide into position and engage lips of adjacent panel. Maintain uniform side joints in order to maintain panel module. Once panel is engaged and in position, repeat step 1.3.

1.5 Repeat steps 1.3 and 1.4 until all wall panels are standing and secured in desired position.
STANDARD DETAILS - WALL TO CEILING

**WALL TO CEILING CORNER**
- Colour matched OSC flashing
- Size to suit panel
- #8 Tek trim screw
- Sealant
- Varies 2”(2.5” Rockwall) - 10”

**WALL TO CEILING CONNECTION**
- Colour matched ISC flashing
- Size 1-1/2”x1-1/2”
- #8 Tek trim screw
- Sealant
- Varies 2”(2.5” Rockwall) - 10”

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**SECTION VIEW**
- Colour matched OSC flashing
- Size to suit panel
- #8 Tek trim screw
- Sealant
- Colour matched ISC flashing
- Size 1-1/2”x1-1/2”
- #8 Tek trim screw
- Sealant
- Varies 2”(2.5” Rockwall) - 10”

**ISOMETRIC VIEW**
- Colour matched OSC flashing
- Size to suit panel
- #8 Tek trim screw
- Sealant
- Colour matched ISC flashing
- Size 1-1/2”x1-1/2”
- #8 Tek trim screw
- Sealant
- Varies 2”(2.5” Rockwall) - 10”

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**NOT TO SCALE**
- Colour matched ISC flashing
- Size 1-1/2”x1-1/2”
- #8 Tek trim screw
- Sealant
- Varies 2”(2.5” Rockwall) - 10”

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**SECTION VIEW**
- Colour matched OSC flashing
- Size to suit panel
- #8 Tek trim screw
- Sealant
- Colour matched ISC flashing
- Size 1-1/2”x1-1/2”
- #8 Tek trim screw
- Sealant
- Varies 2”(2.5” Rockwall) - 10”

**ISOMETRIC VIEW**
- Colour matched ISC flashing
- Size 1-1/2”x1-1/2”
- #8 Tek trim screw
- Sealant
- Varies 2”(2.5” Rockwall) - 10”
Ensure all gaps around penetrant are filled with expandable foam prior to installation of flashing. Some trimming of expandable foam may be required for proper installation.

Flashing to be sealed to penetrant and panel with urethane sealant.
STANDARD DETAILS - Penetration Flashing

Urethane sealant around perimeter of cut-out

Install penetrant through cut-out

Install flashing around penetrant. Fasten flashing to panel using self drilling trim screws.

Seal flashing to penetrant using urethane sealant.

Urethane sealant in panel joint, continuous into cut-out.