

The Loewen logo is a red square containing the word "Loewen" in a white, elegant script font.

60T INSWING TERRACE DOOR FIELD MULL SILL NOSE INSTALL

Addendum Guide

IMPORTANT NOTICES & INFORMATION

The building envelope must be correctly prepared with weather resistant barriers – that meet local and state codes. All frame and sill surfaces must be correctly prepared for air, water, and structural integrity by the builder or contractor before attempting installation. In order to meet warranty requirements, all systems are required to be installed by a certified installer.

- Read these instructions in their entirety prior to installing windows. Contact Loewen at 1.800.563.9367 for clarification.
- Loewen is not responsible for site measurements nor the structural and architectural requirements for the installation of the patio doors.
- Building design, construction methods, building materials and site conditions unique to your project may require methods different from these instructions.
- Choosing the appropriate method is the responsibility of you, your architect, or your construction professional.
- Confirm with sealant/foam/barrier manufacturers that all materials used are compatible with one another.
- Remove shipping blocks and related staples prior to installation.
- All drawings are shown not to scale.
- To ensure accuracy, make sure you have the latest approved shop drawings and assembly and installation guides.
- Any local, regional or national building code requirements supersede these instructions.
- Safety is top priority for Loewen. Use proper work procedures and protective equipment.

Notes on Building Envelopes

Improper design and/or non-conforming application of building envelope materials has been demonstrated to cause premature building envelope failure. Even with premium materials, shortcuts and errors in the final installation can impact budgets, time frames, building life span, and increase legal liabilities.

As one of the elements that bisect the interior/exterior plane, window and door integrations are a critical element of the building envelope as a whole. Poor installations can carry significant liability, due to building envelope failure.

Finishing Requirements

Metal Clad:

- Interior - within 14 days of installation.
- All door panels - Interior - immediately upon installation.

Non-clad:

- Exterior - immediately upon installation.
- Interior - within 14 days of installation.
- All door panels - Interior and Exterior - immediately upon installation.

Factory primed:

- Exterior - within 14 days of installation.
- Interior - within 14 days of installation.
- All door panels - Interior and Exterior - immediately upon installation.

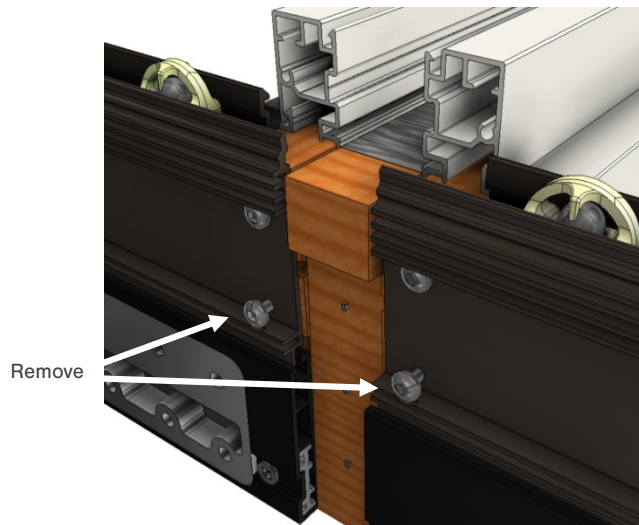
See Loewen warranty and finishing guidelines at www.loewen.com

INSTALLATION INSTRUCTIONS

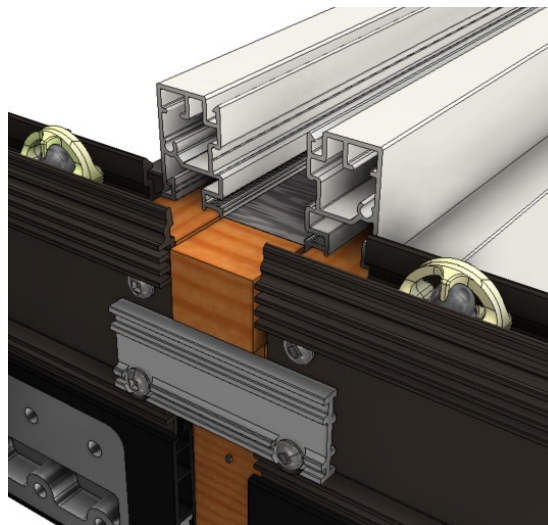
Note: This guide details 60T inswing to 60T inswing door mullions with continuous sill nosing or 60T inswing with sidelite sill mullions.

Note: This guide covers sill nose installation details for 60T inswing door mullions not covered in the standard field mull guide. For information on how to mull the units together please see the Field Mulling Instructions from the Loewen website.

1. Follow Mulling With Spreadmull, Spreadmull Flash Tape Application, Gusset Plate Application (for the head only) before starting this guide.
2. Remove screws shown from sill base.

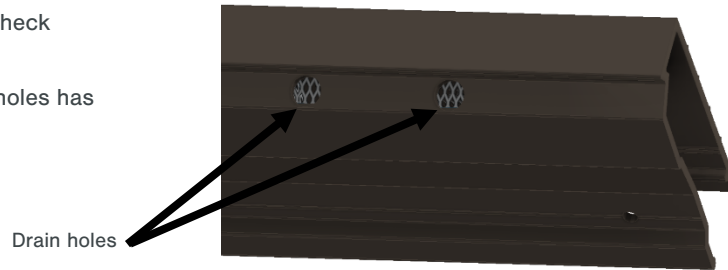


3. Pre-drill 1/8" holes. Secure sill spacer bridge with the same screws.

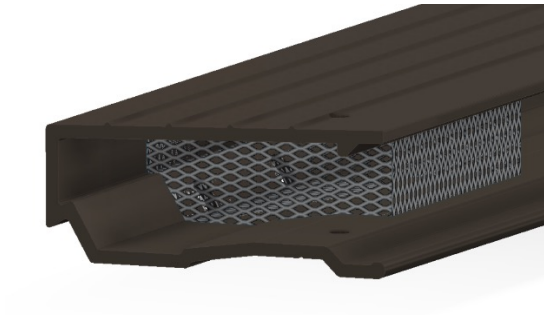


Note: Steps 4-8 cover dry fit and prep for sill nose.

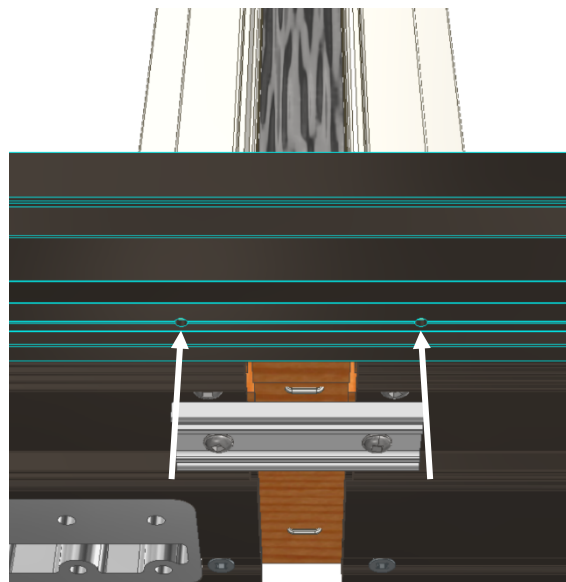
4. Remove tape from drainage check valves.
5. Ensure each set of drainage holes has foam filter (#18779) installed.



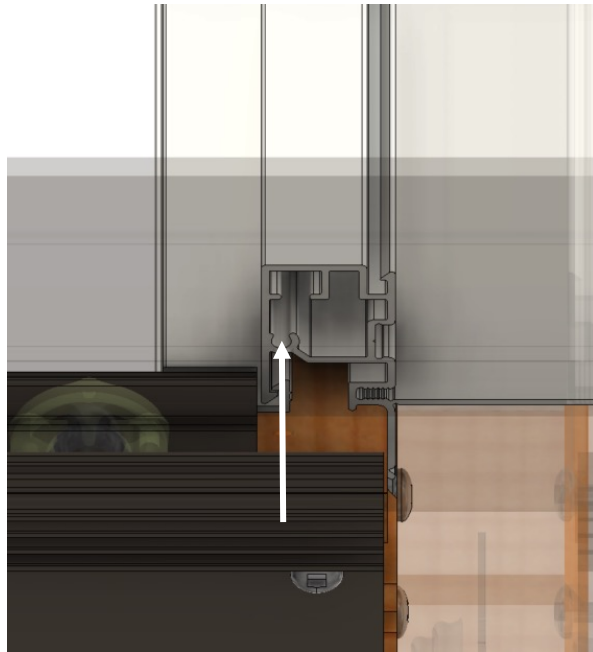
Note: Foam Filter (#18779) as seen inside sill nose.



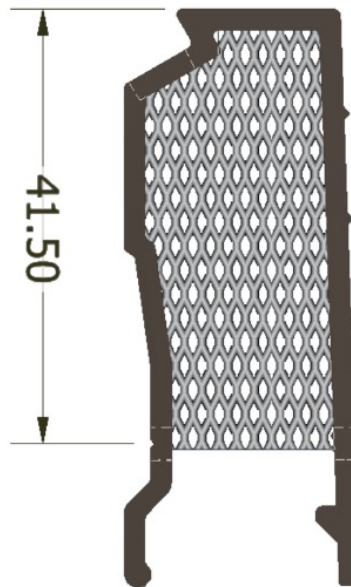
6. Dry fit sill nose.
7. Ensure pilot holes through sill nose line up with frame cladding screw chase. If no holes are present mark and drill 1/8" pilot holes. (Sill nose highlighted blue for clarity). Repeat for each jamb.
8. Remove sill nose.



Note: Pilot hole should aim towards screw chase channel on frame cladding.



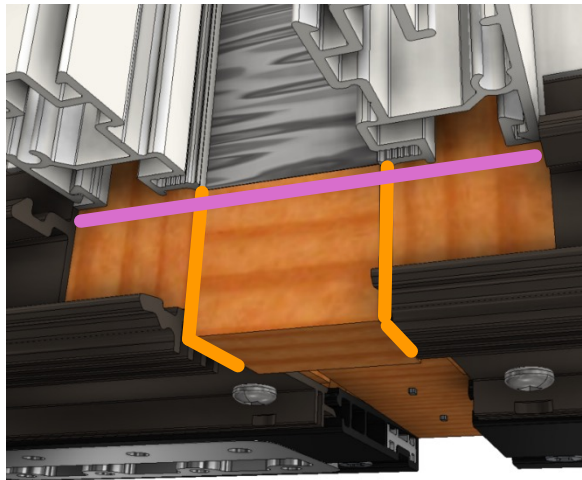
Note: Pilot hole should be drilled 41.50mm from the front face of the sill nose. There is a v-groove in the metal to help with location.



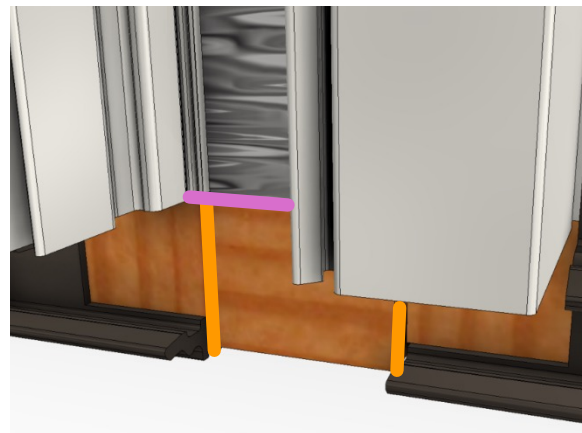
9. Remove protective packaging from ball valves
10. Cut the flashing tape even with the bottom of the frame cladding (red line shown).



11. Fill gaps between spreadmull and jambs below the frame cladding with Dymonic FC (orange line shown). Continue the bead underneath.
12. Run a 3mm bead of Dymonic FC across the flashing tape cutline and across the bottom of the frame cladding (purple line shown).

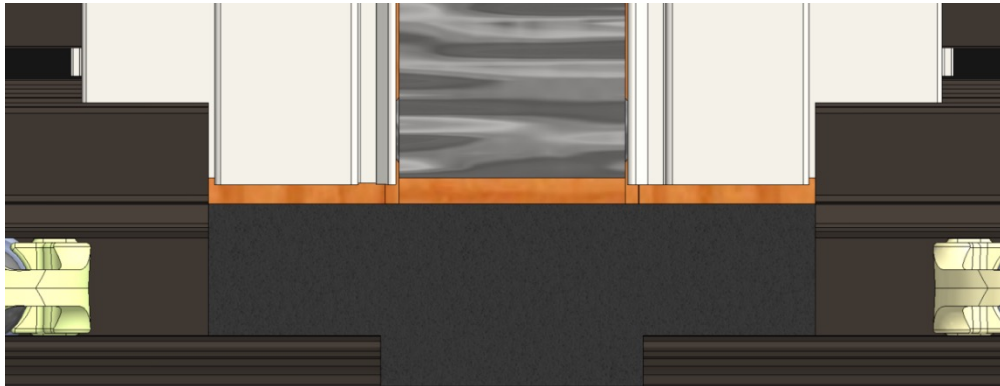
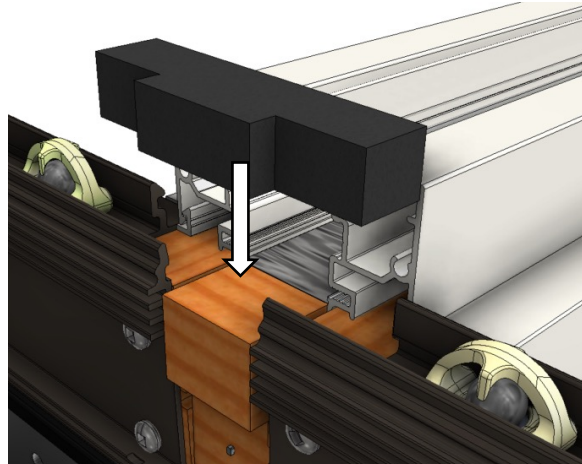


13. Apply a 3mm bead of Dymonic FC into the channel at the ends of the sill cladding (red line shown).



14. Press the spreadmull sill gasket firmly in place.

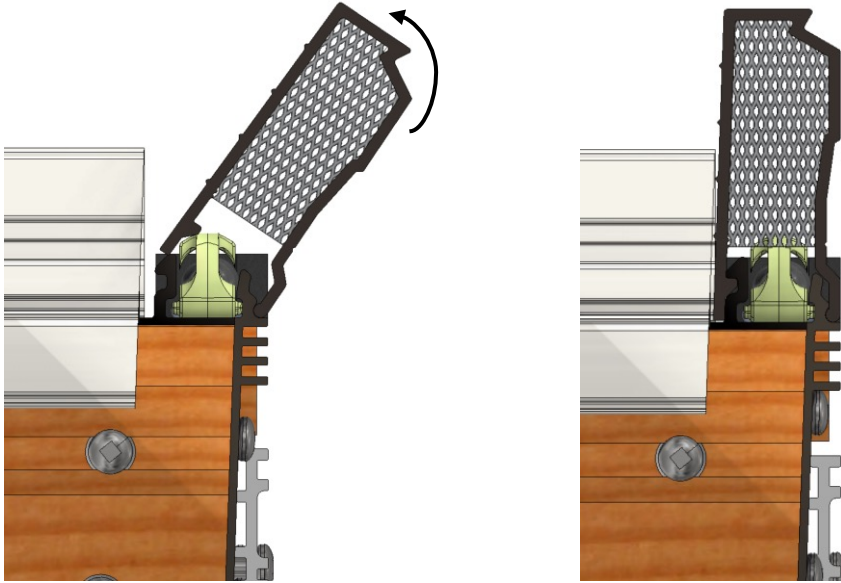
Note: Ensure gasket sits tight against the sill cladding (red dashed line). There will be a small gap between the gasket and the underside of the frame cladding.



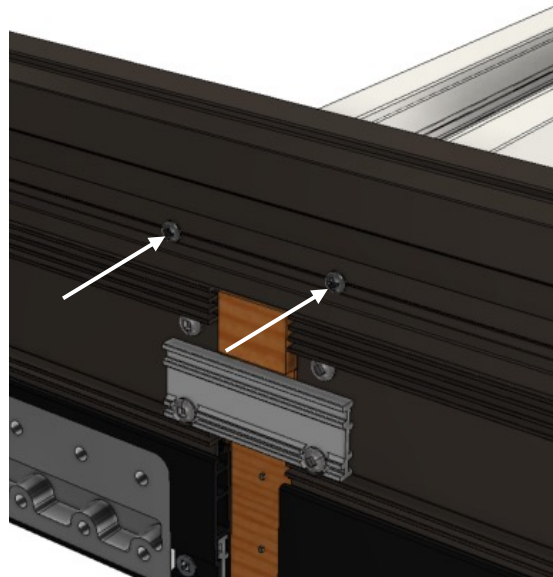
15. Apply continuous 4mm bead of Tremsil 600 Clear along entire length of sill in location shown for all units that will receive continuous sill nose. (red line).



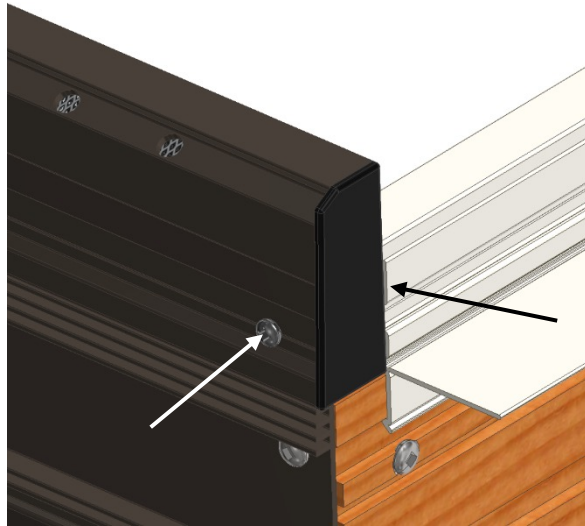
16. Snap on sill nose.



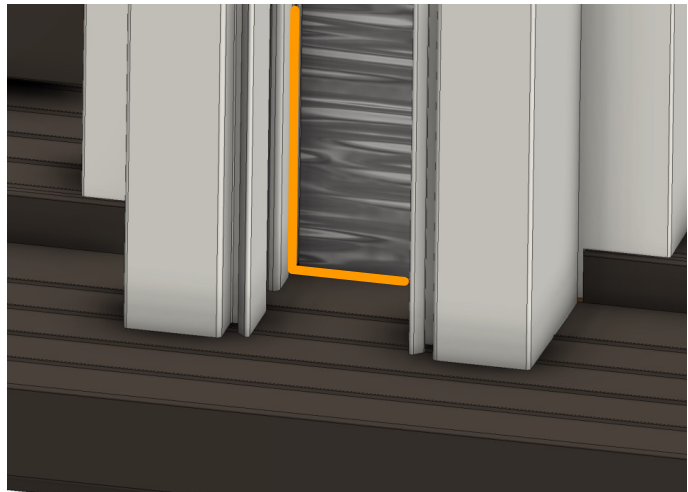
17. Secure sill nosing to frame cladding with #6 x 1 1/2" screws at all jambs.



18. Insert end caps.



19. Apply a cap bead of Dymonic FC where the sill nose meets the spreadmull. Ensure it connects to the sealant that is applied along the full length of the mull.



20. The sill nose is now installed. Refer to the Loewen Field Mulling Installation Guide for remaining steps.



21. Refer to the 2.25" Inswing Frame & Anchor Screw Guide for anchor screw details to ensure a complete install.

Note: Install required anchor screws into the spreadmull through the hinges or strike plates.



Information subject to change without notice.

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