



Field Mulling with Structural Mull Reinforcement

LINCOLN WINDOWS AND PATIO DOORS

TOOLS REQUIRED: Safety Glasses, Tape Measure, Rubber Mallet, Chisel, Clamps, Drill/Screwdriver and Silicone Caulk

These instructions are intended for use by a qualified building contractor on assembling a 1/4" structural vertical or horizontal mull in the field. Read instructions thoroughly before mulling the products together.

Required Fasteners

- 1" Staples or Nails
- 1/2" x 1/2" Crown Staples
- 1" x 1/2" Corrugated Nails or 1" x 1-1/4" 16 Gauge Galvanized Crown Staples.
- #10 x 3/4" Screws (supplied)

ACCESSORY GROOVE CORNER NOTCHING

1. Any corner that intersects a mull must be notched to allow the mull cap to run through on multi high/multi wide assemblies. Any corner on the outside perimeter of a multi high/multi wide assembly will also need to be notched if there is clad casing or a spread mull cover applied to the perimeter of the assembly. (Figure 1)

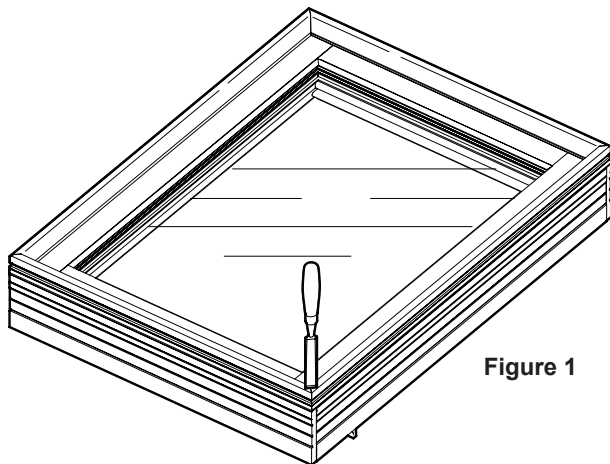


Figure 1

2. To make the notch use a sharp chisel to remove 1/8" of the accessory groove leg. (Figure 2)

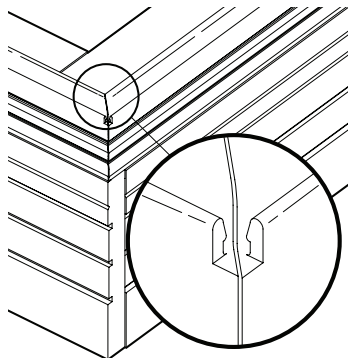


Figure 2

1/4" MULL REINFORCEMENT ATTACHMENT

3. Lay the units on a flat surface with the exterior side up. Attach the 1/4" x 7/8" wood filler strip to the side jamb with 1" nails or staples spaced 8-12" apart. Filler strip must be flush with the interior side of window or door and centered on the frame. (Figure 3)

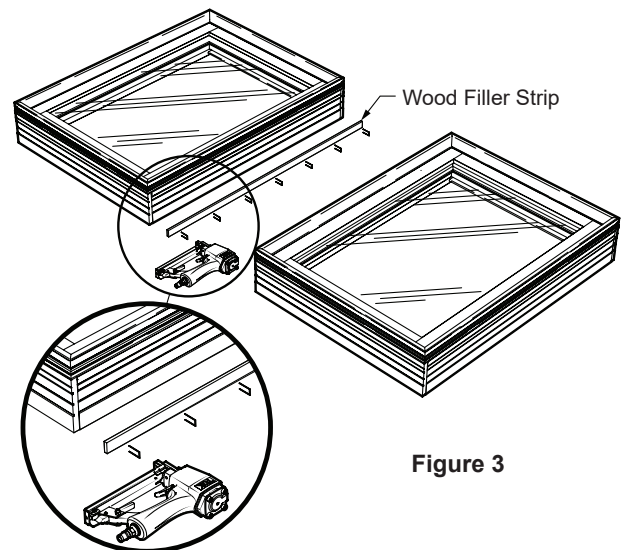


Figure 3

4. Apply a 1/4" bead of silicone full length of the jamb into each groove. (Figure 4)

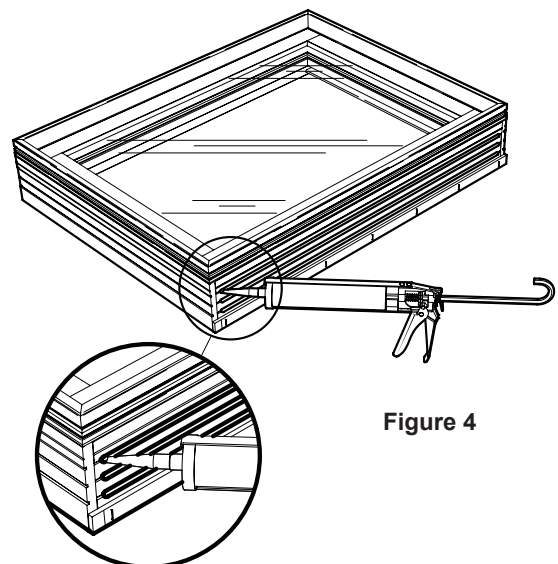


Figure 4

- Measure 3/4" from the end of the jamb and mark this location. (Figure 5)

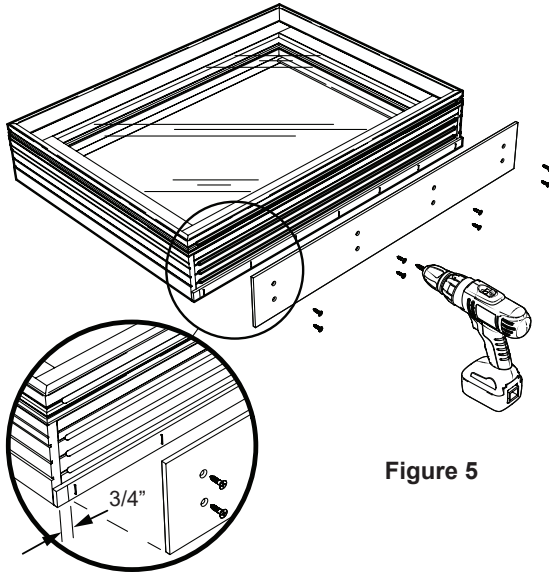


Figure 5

- Line up the edge of the reinforcement plate with the location that was marked from the end of the jamb, butt it up to the wood filler strip and attach it to the jamb with #10 x 3/4" screws through the pre-drilled holes.

Note: The opposite end of the plate should also be 3/4" from the end of the jamb. (Figure 5)

- On the unit that is to be mull to the unit with the attached reinforcement, apply a bead of silicone full length of the jamb into each groove as done in step 4. (Figure 6)

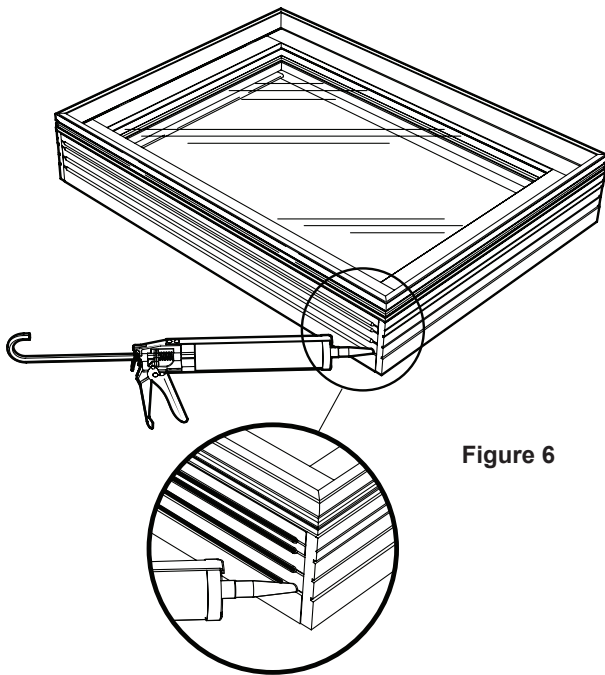


Figure 6

- Join the units together so that the head and sill are flush with one another and are tight together at the mull. (Figure 7)

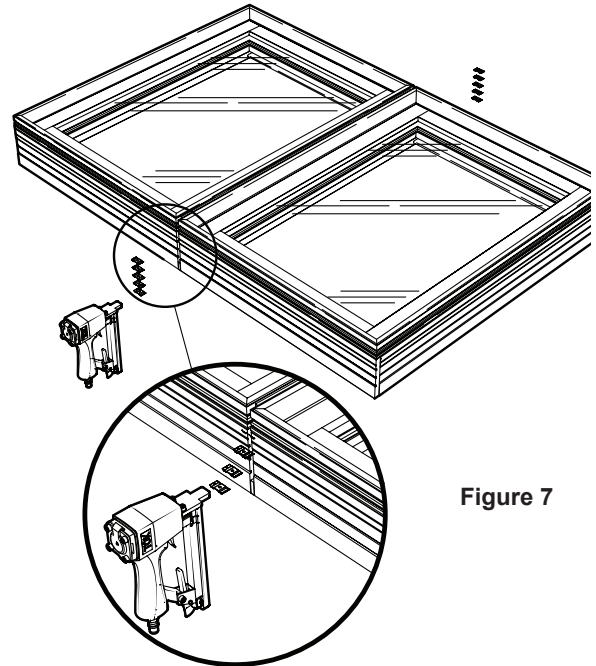


Figure 7

- Fasten the ends of the mulls with five 1" x 1/2" corrugated nails spaced evenly apart. 1" x 1-1/4" 16 gauge galvanized crown staples may be substituted for the corrugated nails. (Figure 7)

- Fill the ends of the mulls with silicone. (Figure 8)

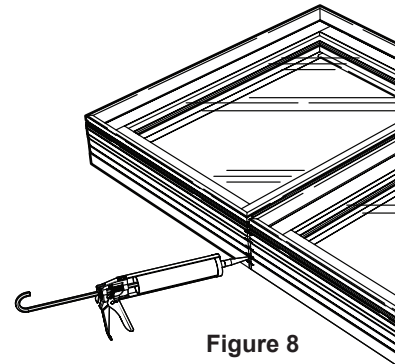


Figure 8

- Fasten the 8" mull plate to the ends of each mull joint with sixteen 1/2" x 1/2" crown staples using eight staples on each side of the mull. (Figure 9)

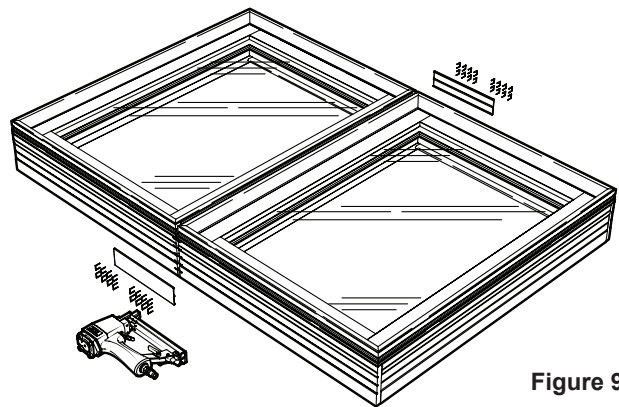


Figure 9

12. Apply a liberal bead of silicone the full length of the exterior mull joint in-between the units. (Figure 10)

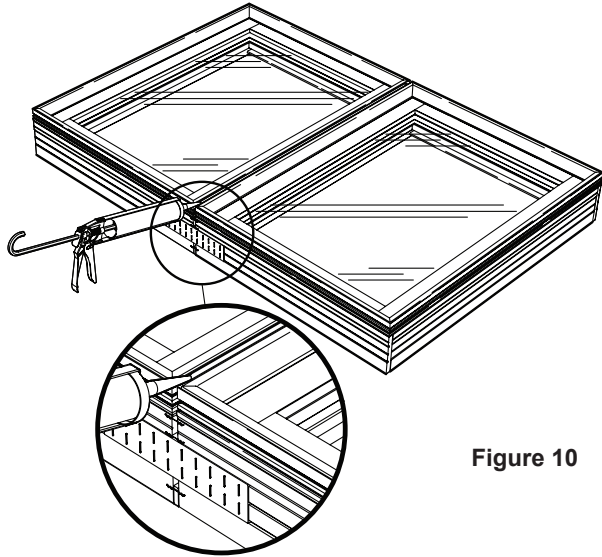


Figure 10

13. Using a plastic headed hammer or rubber mallet and starting at one end, pound the mull cap into the accessory grooves until it is flat and locks into place.

IMPORTANT: Be careful not to kink or bend the mull cap when installing. (Figure 11)

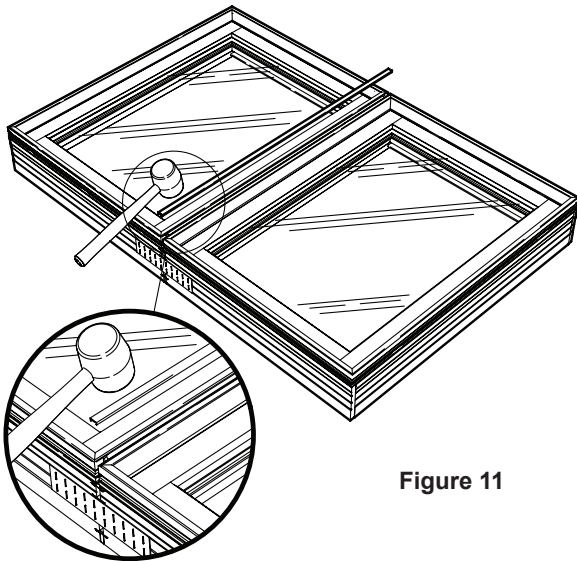


Figure 11

14. Carefully turn the units over so the interior side is up. Clamp the units together on the wood frame so the mull joint is tight. (Figure 12)

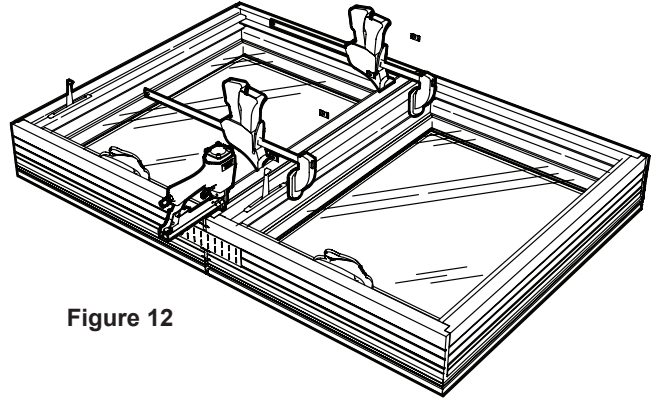


Figure 12

15. Fasten the units together with 1" x 1/2" corrugated nails. Three of the nails spaced 2" apart must be placed on both ends starting approximately 2" from the edge of the frame. Space the remaining nails 5-8" apart. 1" x 1-1/4" 16 ga galvanized crown staples may be substituted for the corrugated nails. (Figure 12)

16. Apply nail fins and drip cap to unit and install according to the installation instructions provided with the unit.

Note: Installation clips are applied on the units at the factory and must be used for the installation of multi high/multi wide assemblies. Refer to the installation clip instruction sheet provided. (Figure 13)

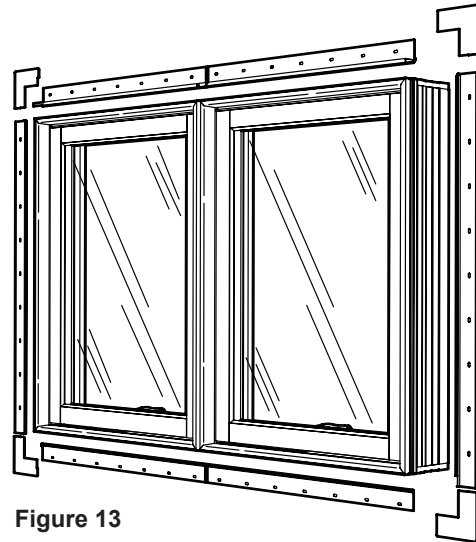


Figure 13

**This concludes the field mulling
of the 1/4" Structural Mull Reinforcement.**

Note: If the mull joint will be exposed on the sides of the mull assembly, refer to the steps on the next page to apply the spread mull cover.

OPTIONAL SPREADMULL COVER

If the mull joint will be exposed on the sides of the mull assembly on the perimeter, refer to the following steps to install the spread mull cover:

1. Ensure the mull joint is sealed with silicone and that the mull plate is attached. (Figure 14)

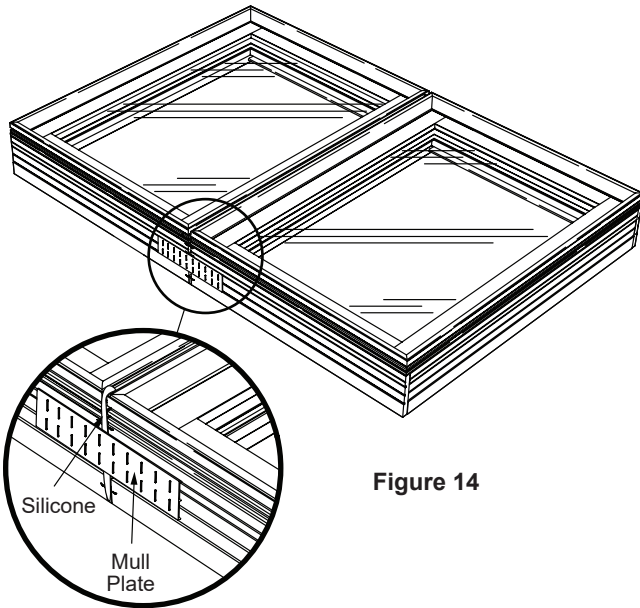


Figure 14

2. Measure the length of the mull assembly and cut the spread mull cover 1/8" shorter. (Figure 15)

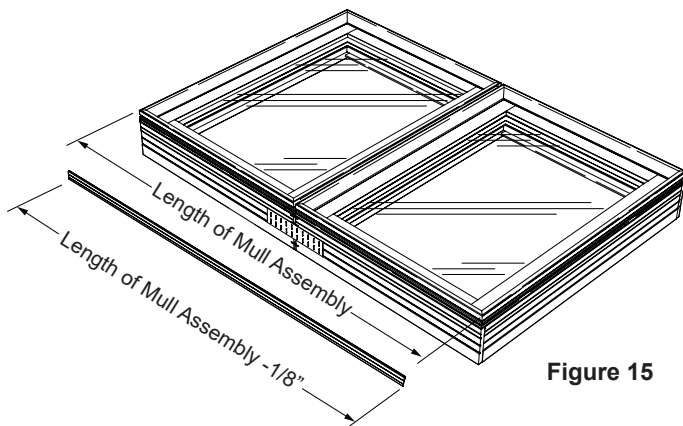


Figure 15

3. Using a plastic headed hammer or rubber mallet start the mull cover at one end of the unit, approximately 1/16" from the edge, and pound the mull cover into the accessory groove until it locks into place.

IMPORTANT: Be careful not to kink or bend the mull cover when installing. (Figure 16)

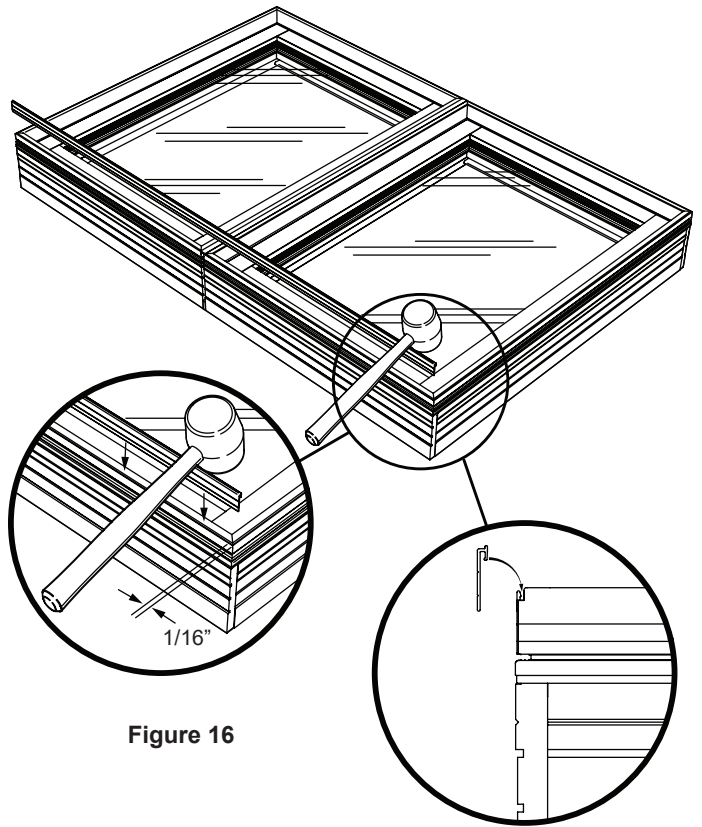


Figure 16

4. Use 3/8" self tapping pan head screws (supplied) to fasten the mull cover to the frame. Start a screw 2" from each end and space the remaining screws 8-10" apart. This completes the optional spread mull cover installation. (Figure 17)

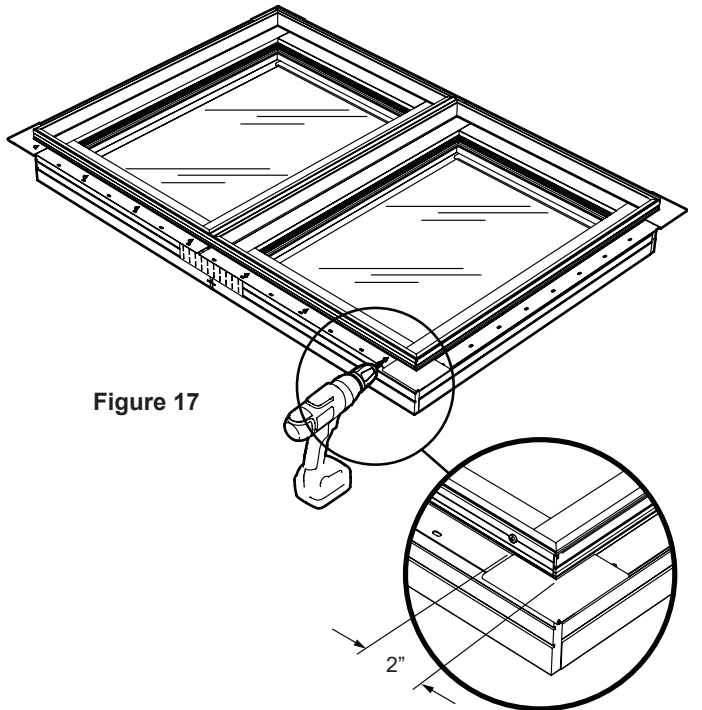


Figure 17

This concludes the field mulling of the 1/4" Structural Mull Reinforcement with Optional Spread Mull Cover Applied.