

# CLAD ULTIMATE INSERT DOUBLE HUNG–NEXT GENERATION 2.0 MASONRY PANNING INSTALLATION INSTRUCTIONS



**ATTENTION:** The following instructions detail the installation of masonry panning on a Clad Ultimate Insert Double Hung–Next Generation 2.0 (CINDH–NG 2.0) unit using a mitered joint technique.


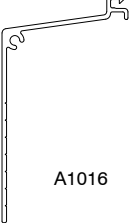
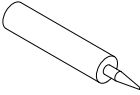

**ATTENTION:** Please read entire instruction before attempting to install the masonry panning on your Clad Ultimate Insert Double Hung–Next Generation 2.0 unit.

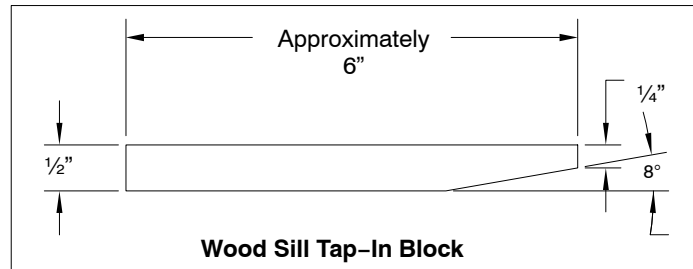
**CAUTION:** When using a power miter saw or hacksaw, always use the appropriate hand, eye, and ear protection to avoid injury. File all burrs or sharp edges from panning components after cutting them.

**NOTE:** Numbers listed in parentheses ( ) are metric equivalents in millimeters rounded to the nearest whole number.

## YOU WILL NEED TO SUPPLY

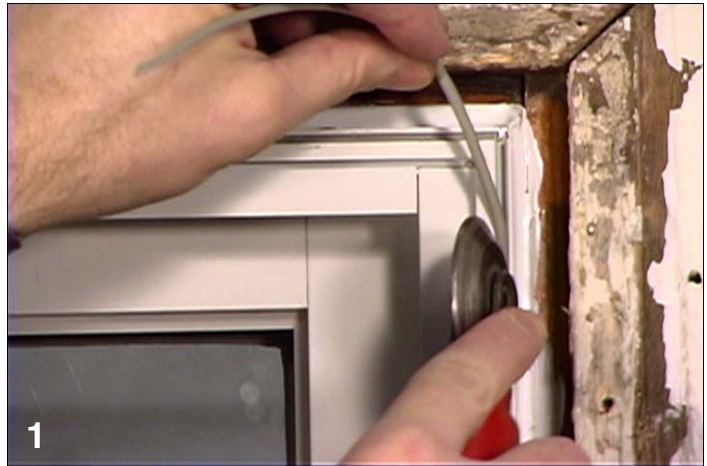
Safety glasses	Hearing protection
Gloves	Hammer
Metal file	Caulking gun
Tape measure	Screen spline roller
Angle finder	Speed square
Hacksaw or appropriate shear	Hardwood block
Power drill/driver with Phillips head bit	
Power miter saw with metal cutting blade	
Hardwood block (Wood sill tap-in block)	
Table saw with metal cutting blade (or other tool to rip panning components to width)	
Sealant – Grade NS Class 25 per ASTM C920 (must be compatible with panning components and exterior surface of structure.)	

PARTS INCLUDED WITH PANNING KITS		
ILLUSTRATIONS (not to scale)	DESCRIPTION AND COLOR	PART/PROFILE NUMBER
 A1130	Jamb/Head Jamb Flat Casing Wide Profile 150" (3810)  Stone White (SW) Bronze (BZ) Pebble (PB) Brown (BN) Evergreen (EG)	18579599 18579399 18579299 18579199 18579499
 A1016	Sill Panning 50" (1270) (available in 150" lineal lengths)  Stone White (SW) Bronze (BZ) Pebble (PB) Brown (BN) Evergreen (EG)	18576598 18576399 18576299 18576199 18576499
	Color Matched Sealant  Stone White (SW) Bronze (BZ) Pebble (PB) Brown (BN) Evergreen (EG)	11407102 11407053 11407052 11407051 11407054
	Frame kerf weather strip 13/64" diameter 16' (4877)	15910100



## Install Frame Kerf Weather Strip

- To begin, use a screen spline roller to apply frame kerf weather strip around the entire perimeter of the insert frame. Make sure not to overlap the weather strip. See figure 1.



## Fabricate Sill Panning

- Now, measure the width of the masonry opening. Cut sill panning to this measurement. See figure 2.



- Determine the height of the sill panning by using a small sample of the left over component after it has been cut to width. Rip approximately an inch off the face of the component. Set this sample on the insert unit and place an angle finder on the face of the sample. When the sill component is perpendicular to the building, record the height from the bottom of the masonry opening to the front edge of the sill panning sample. See figure 3. Rip the sill panning component to this measurement.



- Temporarily set the sill panning in the masonry opening against the existing jamb casing. Mark on the sill at the interior edge of the existing casing. See figure 4.



- Measure the distance from the face of the insert unit to the edge of the sill panning. Add approximately 1/8" and transfer this measurement to the sill panning. Extend these marks at right angles until they intersect. See figure 5.



- Make an additional mark on sill panning at the interior edge of the accessory kerf and over toward the existing jamb casing. This cut will allow clearance for the jamb panning later. See figure 6.



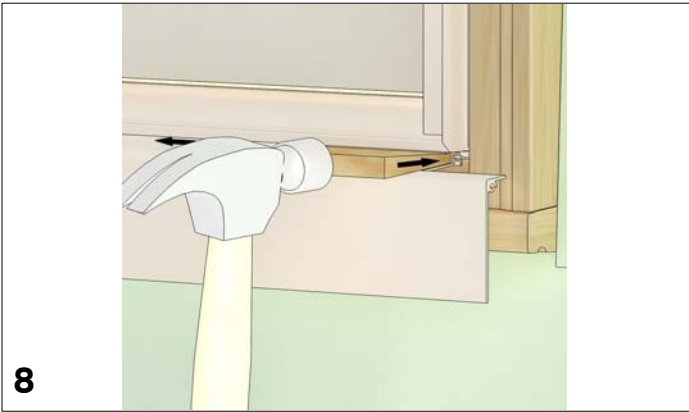
- Now, with a hacksaw, cut a notch in the sill on the lines and remove any burrs with a metal file. See figure 7.



## Install Sill Panning

- Position the sill panning lip in accessory kerf of the frame. Using a hardwood block\*, start at one end of the sill panning and firmly tap on the wood block with a hammer, making two passes, to completely seat the sill panning into the frame kerf. See figure 8.

*NOTE: Once installed, sill panning is very difficult to remove.*



\* See block specifications on page 1.

**IMPORTANT:** Make sure the sill panning component fits properly. Once installed, it is very difficult to remove.

## Fabricate Jamb and Head Jamb Pieces

- Using a power miter saw, cut the ends of the jamb pieces at eight degrees to match the sill panning bevel. Remove any sharp edges and burrs with a metal file. See figure 9.



- Measure from the top of the sill panning to the accessory kerf on the insert unit. See figure 10. This will be the jamb panning height. Cut a 45 degree angle on the jamb panning on this mark.



- Repeat for the opposite side.
- Measure from the interior edge of the vertical accessory kerf on one side to the interior edge of the vertical accessory kerf on the other side. Then, cut a 45 degree angle on the ends of the head jamb panning with a power miter saw. See figure 11.



## Install Jamb and Head Jamb Pieces

13. Place a small bead of silicone on corner where frame kerf weather strip meets. See figure 12.



14. Using a block of scrap wood and a hammer, pound the jamb panning into the accessory kerf. See figure 13.



15. Place a bead of silicone on the mitered corners of the jamb panning. See figure 14.



16. Using a block of scrap wood and a hammer, pound the head jamb panning into the accessory kerf. See figure 15.



## Sealing the Installation

17. Next, seal all of the panning joints and panning to exterior joint with color matched sealant. See figure 16.



18. Be sure to tool out bead for best performance and aesthetics. See figure 17.

