

# SHEERLINE®

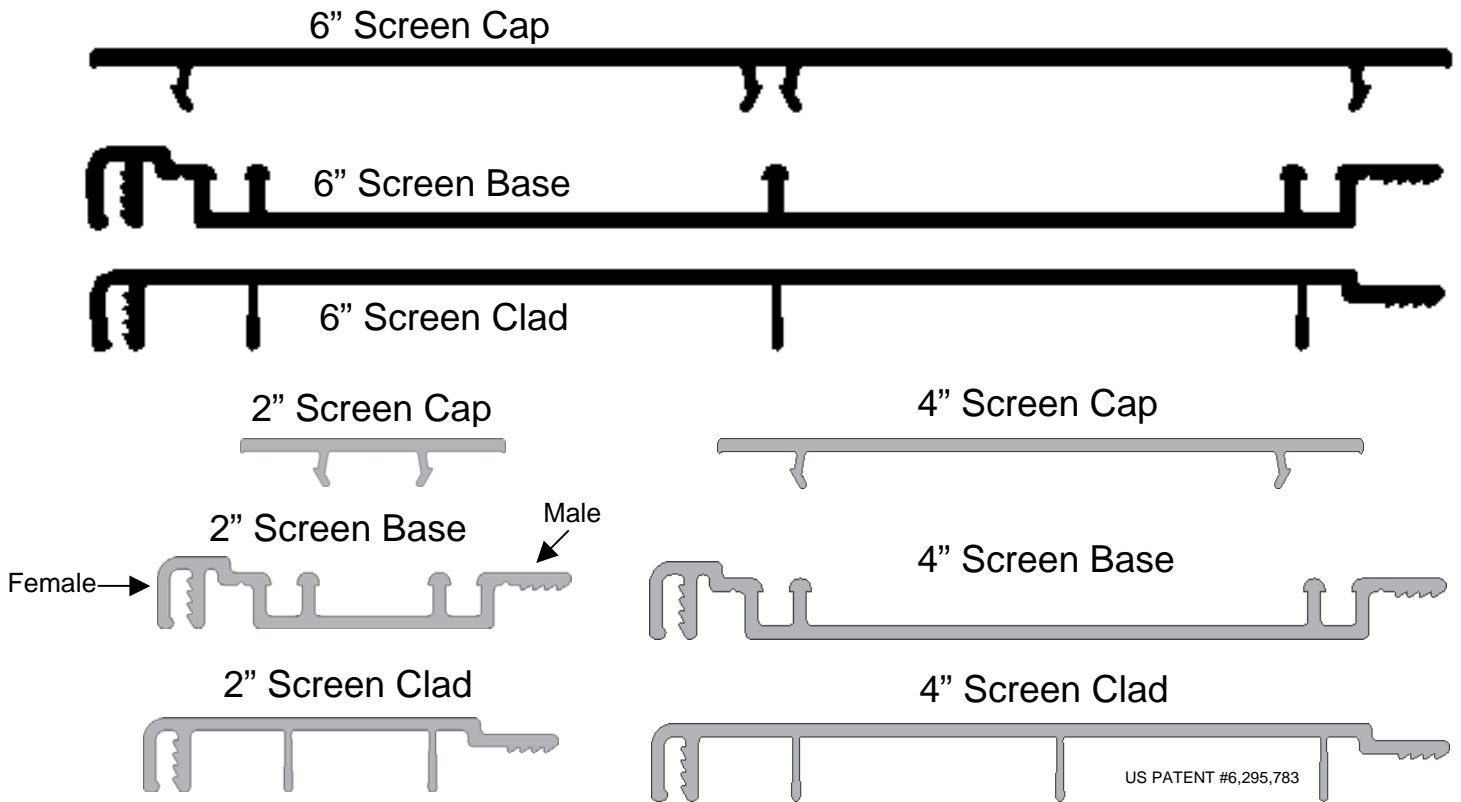
## SCREEN CLAD INSTALLATION INSTRUCTIONS

L. B. PLASTICS, INC.  
P. O. Box 907  
Mooresville, NC 28115  
www.lbplastics.com

June 2007

**Components are available for 4"x 4" and 2"x 4" construction,  
and 6"x 6" and 2"x 6" construction.**

### PROFILES



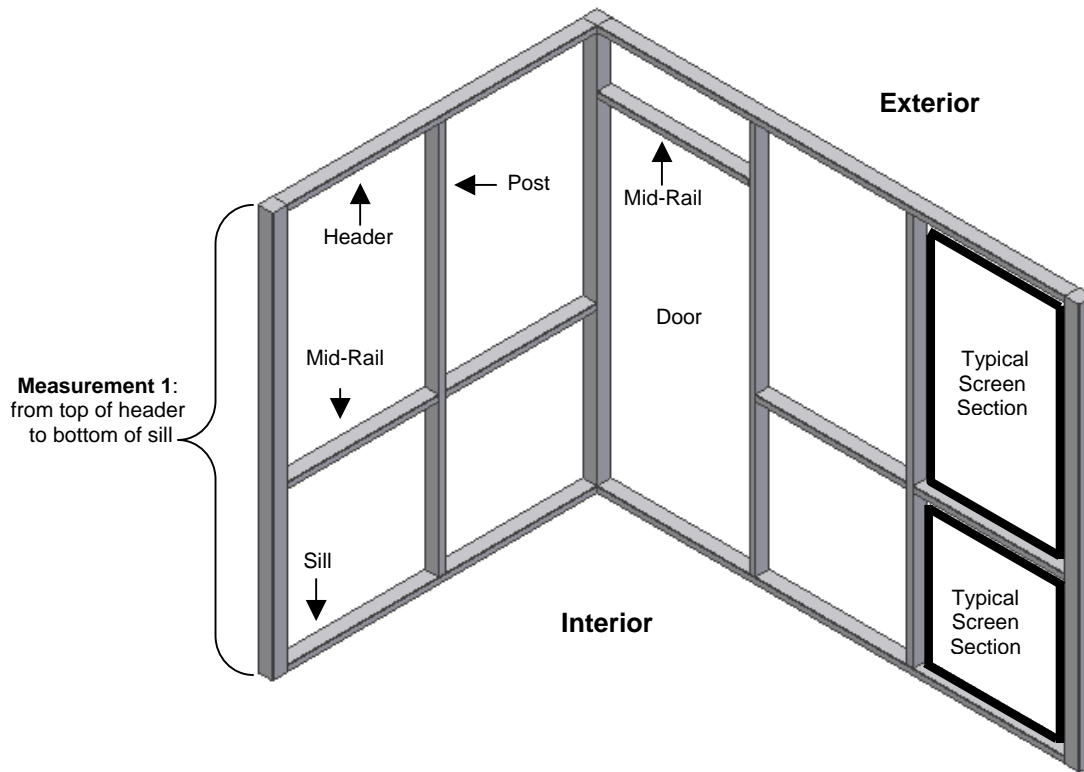
**Screen and Spline not included.**  
Suggest .175-diameter spline for typical fiberglass mesh.

### **Tools Required**

- **Tape Measure**
- **Chop Saw**
- **Spline Roller**
- **Non-Marring Mallet**
- **Utility Knife**
- **Pneumatic Stapler** (*stainless steel staples recommended*) or **Screw Gun**

*(Note: These instructions were written for 4 x 4 posts with 2 x 4 midrails (or 6 x 6 posts with 2 x 6 midrails); however, you may use these same instructions for 2 x 4 posts by applying a 2" clad, base and cap when necessary.*

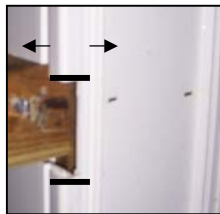
# SAMPLE SCREEN PORCH WALL SECTION



Remove male end



Remove female end



Cut a 3/8" notch



Cut a 3-7/8" notch for a 4" piece (or a 5-7/8" notch for a 6" piece)



Fasten screen base (Stagger fasteners along left and right edges)

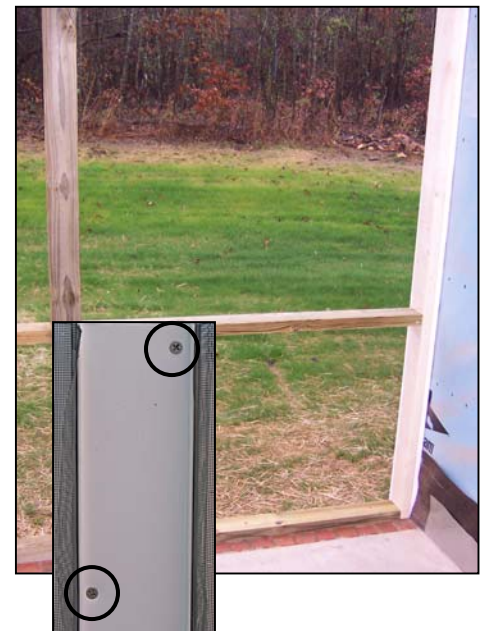
## Step 1 - Clad Posts that butt up against the house

**Side 1** – Using **Measurement 1** from diagram above, cut two pieces of 4" (or 6") **Screen Base** to length.

Score & remove male end of one piece, hold up to exterior face of post and mark on the female end where mid-rails touch, allow up to 1/16" clearance on each side of mid-rail. Cut a 3/8" notch at each location. Place **Screen Base** against exterior face of post with cut end facing the house.

**Side 2** - Score & remove female end of other piece of **Screen Base**. Place **Screen Base** against interior face of post with cut end facing the house.

**Side 3** – Using **Measurement 1**, cut one piece of 4" (or 6") **Screen Clad**, hold to inside face of post and mark the male end where mid-rails touch, allow up to 1/16" clearance on each side of mid-rail. Cut a notch 3-7/8" for a 4" piece (or a 5-7/8" notch for a 6" piece) deep at each location. Place **Screen Clad** against inside face of post with open end of notch pointing to exterior of structure. Clad assembly and fasten **Screen Base** to the 4 x 4 (or 6x6) with either a pneumatic stapler or screw gun. Stagger fasteners along edges (left to right).



## Step 2 - Clad a Corner or In-line post

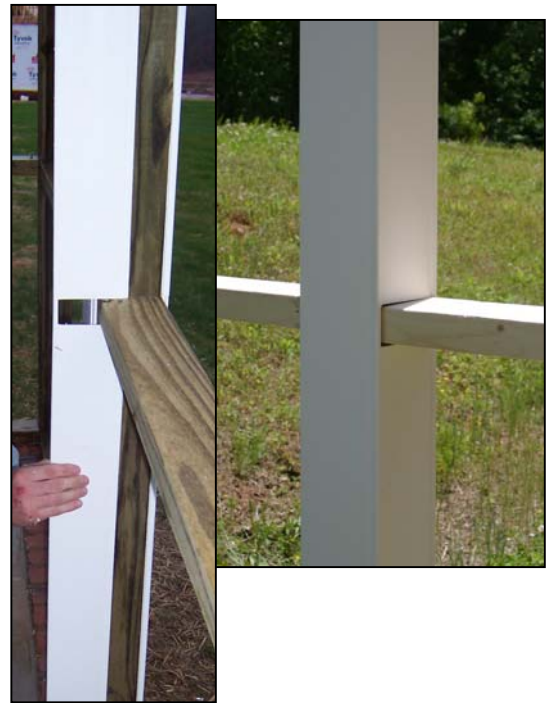
**Side 1** - Choose a side where a mid-rail meets the post, measure the post from bottom of header to top of mid-rail. Cut a piece of 4" (or 6") **Screen Clad** and position the female end to exterior face of post. Measure from top of sill to bottom of mid-rail; cut a piece of **Screen Clad** and position with female end to exterior of structure.

**Side 2** - On the other side where a mid-rail meets the post, use **Measurement 1**, then cut one piece of 4" (or 6") **Screen Clad** to length, hold to the face of post and mark male end where mid-rails touch, allow up to 1/16" clearance on each side of mid-rail. Cut a notch 3-7/8" deep for a 4" piece (or a 5-7/8" notch for a 6" piece) at each location. Place **Screen Clad** against the face of post with the female end to interior of structure.

**Side 3 - Corner Post** - On one exterior face of post use **Measurement 1**, then cut one piece of 4" (or 6") **Screen Base** and position on the exterior face of post.

**In-line Post** - On the interior face of post use **Measurement 1**, then cut one piece of 4" (or 6") **Screen Clad** and position on the interior face of post.

**Side 4** - On an exterior face of post use **Measurement 1**, then cut one piece of 4" (or 6") **Screen Base**, hold to exterior face of post and mark female end where mid-rails touch, allow up to 1/16" clearance on each side of each mid-rail. Cut a notch 3/8" deep at each location. Place **Screen Base** against the exterior face of post, clad assembly and fasten screen base staggering fasteners.



## Step 3 - Clad Header and Sill

**Sides 1 & 2** - Measure the distance between each set of vertical posts. Cut two pieces of 2" **Screen Base** to measured length, then score and detach male end of one (position on inside of header/sill) and female end of other (position on outside of header/sill).

**Side 3** - Cut one piece of 4" (or 6") **Screen Clad** to measured length. Position on under side of header or top of sill with the female end pointed towards the outside of the structure. Assemble the three pieces and slide over 2x4" (or 2x6"). Fasten Screen Base, staggering fasteners from left to right edges.



## Step 4 – Clad Mid-Rails

**Side 1** - Measure distance between vertical posts. Cut one piece of 2" **Screen Base** to measured length, position on outside face of mid-rail male end down.

**Side 2** – Cut one piece of 2" **Screen Clad** to measured length, position on inside face of mid-rail male end up.

**Sides 3 & 4** - Cut two pieces of 4"(or 6") **Screen Clad** to the measured length, place on top of mid-rail, one on bottom of mid-rail, then clad assembly and fasten **Screen Base** (staggering fasteners from left to right edges).



## Step 5 – Install Screen

- On the outside of structure, measure a section to screen (see diagram on inside page). Add at least 4" (or 6") to both width and height of section, then cut screen.
- Place screen over the section so that an equal amount overlaps each side.
- Starting at the top, hold screen and spline taut in one hand and roll spline into track with the other. Work your way down the sides and finally the bottom.
- Trim screen using a utility knife, but leave as much excess as possible.



## Step 6 – Install Screen Caps

### Vertical Posts

Measure length of a 4 x 4 (or 6x6) post from top of header to bottom of sill. Cut one piece of 4" (or 6") **Screen Cap** to length. Start at one end, position 4" (or 6") **Screen Cap** over 4" (or 6") **Screen Base** and tap into place.

### Header, Sill, Mid-Rails

Measure the distance between vertical posts. Add 1" to the measurement and cut one piece of 2" **Screen Cap** to the new length. Snip the two legs back 1/2" from each end. Start at one end; position 2" **Screen Cap** over the 2" **Screen Base** and tap into place.

