

INSTALLATION GUIDE ›

## POINT SUPPORTS

### INSTALLATION

Before installation see the Point Support Guide for recommended hole locations by panel gauge and dimensions.

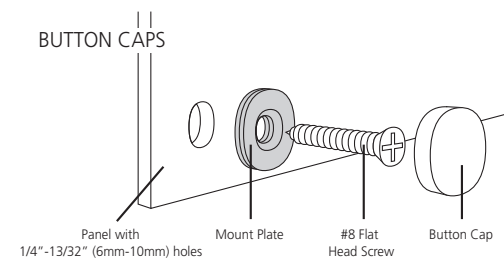
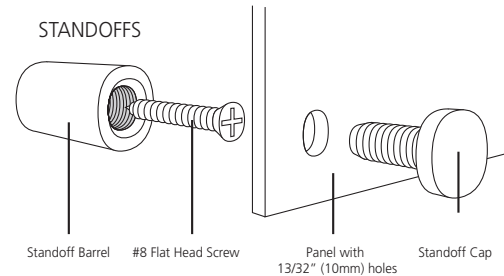
#### STANDOFFS

1. Hold the panel against the substrate in the desired location and mark the location of each hole on the substrate.
2. Remove panel and drill holes into the substrate where marked. For concrete substrates tap the Concrete Anchors into the pilot holes.
3. Unscrew and remove the Standoff Caps.
4. Insert screw into the larger opening in the Standoff Barrel and through the smaller opening at the opposite end.
5. Screw into the Concrete Anchor or wood substrate. For hollow walls, thread the toggle onto the screw and pinch the ends of the toggle together as you guide it into the pilot hole. Once the toggle opens on the other side of the wall gently screw into place. Do not over tighten.
6. Place the panel in position, insert standoff cap through hole and turn until snug.

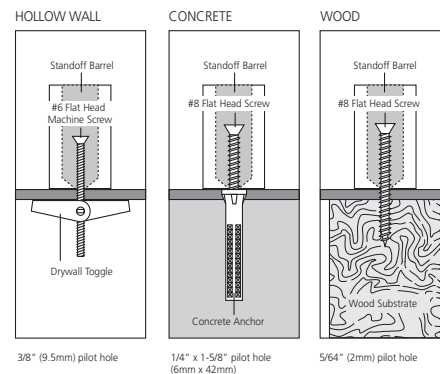
#### BUTTON CAPS

1. Hold the panel against the substrate in the desired location and mark the location of each hole on the substrate.
2. Remove panel and drill holes into the substrate where marked. For concrete substrates tap the Concrete Anchors into the pilot holes.
3. Insert screw into the hole in the Mount Plate and through the panel.
4. Screw into the Concrete Anchor or wood substrate until snug. **Do not over tighten.** For hollow walls, thread the toggle onto the screw and pinch the ends of the toggle together as you guide it into the pilot hole. Once the toggle opens on the other side of the wall gently screw into place.
5. Screw Button Cap onto Mount Plate until snug.

### DIAGRAMS



#### ANCHOR CONDITIONS



### ADDITIONAL RECOMMENDATIONS

#### THERMAL EXPANSION / CONTRACTION

Lumicor recommends oversizing holes for point supports by 1/16" for every 2 linear feet between supports. Ensure holes are measured and drilled while the sheet is at room temperature.

#### SEALING HOLES

Lumicor recommends sealing the interior of the hole with neutral cure silicon. This is especially important in sheets that will be regularly be exposed to moisture.

#### GROMMETS AND WASHERS

Lumicor recommends utilizing plastic or rubber grommets around through-bolts to minimize stress concentrations. Also, washers under caps will help prevent damage to the sheet surface.

#### TIGHTENING / SECURING

Lumicor recommends hand tightening only. Overtightening caps with tools can result in damage to the sheet or hardware. If button caps are used, a small dab of neutral cure silicon under the cap can make them tamper resistant.