

# Sign Panel Creation

## EDGE CAPPING

Panel edges can be finished with our plastic “U” channel Edge Cap to help protect and seal the panels. Omega SignBoard, LusterBoard, and SignPly have wood cores that require Edge Cap to achieve exterior durability. For these panels, we recommend DAP® AlexPlus® or comparable acrylic latex and silicone caulk or a high-quality urethane caulk as a sealant and adhesive. For a polished look, use color-matched or clear caulk.

**Note:** Warranty is void if Edge Cap from Laminators Incorporated is not used and properly installed on Omega SignBoard, LusterBoard, and SignPly.

When using Alupalite, Econolite, Pro-Lite, and Omega TerraMax, Edge Cap can help to create a more “finished” appearance. In this application, we recommend using Liquid Nails® Heavy Duty for Construction or DAP® AlexPlus® as an adhesive.

### Step 1

When wrapping edges with Edge Cap, it is important to plan the seams. A 4' x 8' panel will typically have four seams. The goal is to have Edge Cap ends (cut to 45°) join in corners. Using Laminators' Notching Tool, notch the Edge Cap at corners allowing an extra 1/16" at each corner for the sealant.

Notch each leg of the Edge Cap and bend into a 90° corner. Bend back against itself in the notch and cut with a utility knife. Filing the edges of the panel can make it easier to apply the Edge Cap, but be sure to apply Edge Cap in the same direction the panel was filed. Dry-fit the Edge Cap around the sign prior to applying the sealant.

### Step 2

For best adhesion, remove the masking and wipe panel edges and the interior of the Edge Cap with a dry cloth. For 1/2" Edge Cap, run a bead of caulk approximately 1/4" thick through the Edge Cap (slightly less for 1/4" Edge Cap). Caulk should fill the Edge Cap to the extent it is squeezed out on both sides of the edge. This ensures that the plywood edge is completely sealed.

**Note:** Exposed edges or corners will allow water to seep inside and eventually destroy the sign panel and invalidate the warranty on Omega SignBoard, LusterBoard, and SignPly.

### Step 3

When applying Edge Cap, start at the corner and work outward. Catch the bottom leg of the Edge Cap on the panel edge and stretch the legs apart to fit the top edge over the panel face. Press on face of Edge Cap until the legs are against panel edges and proceed down the panel.

### Step 4

Butt edges tightly against each other and continue application. Seams should be tight which will force excess caulk to squeeze out. Wipe away excess caulk at the corners and allow remaining caulk to dry before wiping away excess.

**Note:** Allow caulk to dry and harden (approximately 3-4 hours) before handling the panel.

## SEALING FASTENER HOLES

For wood core products such as Omega SignBoard, LusterBoard, and SignPly, fastener holes must be sealed to prevent water seepage into the wood.

Drill oversized pilot holes and fill with caulk prior to placing and fastening screws. Wipe away excess sealant once fastener is secured.

