

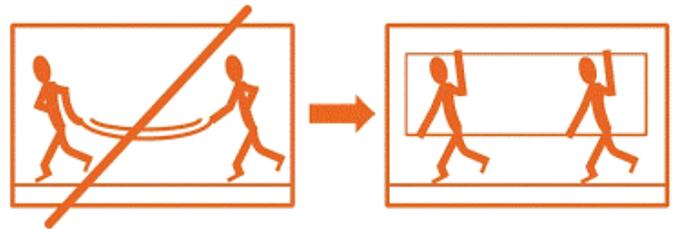


~ HANDLING, FABRICATING, & INSTALLATION GUIDE ~

## ALUMINUM COMPOSITE SPANDREL INFILL PANELS

For both 1" and ¼" Glazing Systems

**Proper Handling:** Always handle and carry panels vertically as not to induce undue shear strain on laminated layers. If panels must be stored or carried horizontally, use a wood pallet or other substructure to burden the load and provide for protection against panel deflection.



**Storage:** Keep panels stored in a cool dry location. Panels should be stored vertically where they can, but may be stored horizontally, if used with wood pallets, or other proper support to eliminate panel deflection.

### **Fabrication:**

Acceptable Cutting Equipment:

- Panel Saws, Table Saws, Circular Saws – Use Aluminum rated blades. We recommend Teneryu Alumi-Cut.
- Table Saws
- Circular Saws
- Band Saw (Vertical Downward acting)
- Router (CNC or Manual) using chipper/finisher or downward flute geometry

Not Acceptable Cutting Equipment:

- **NO** Reciprocating Saws (Sawzall or Jig Saw)
- **NO** Router using upward flue cutting geometry
- **NO** Flame or heat induced cutting of any kind (torch, laser, plasma)
- **NO** Grinding or Abrasive Disc cutting processes
- **NO** Waterjet cutting or cutting by other means of high pressure abrasives

**Installation:** Panels must be installed where the panel core is fully captured in window extrusion pocket and sealed by means of rubber gasket, glazing tape, or silicone sealant. Any cuts, or penetrations, shall be sealed with silicone sealant to protect core or substrate from the elements. In no instance shall core become exposed to the elements.

Threaded inserts may be utilized in instances where necessary to fasten elements to infill panel surface. Note that any affixation to surface skin shall not be a cause or warranty claim against delamination of panel. Ensure any metal skin penetration is properly sealed form elements my means of silicone sealant.

Ensure protective PVC film is immediately removed from both surfaces of the panel either before or immediately after installation of panels. Exposure to elements or UV light may void finish warranty. Ensure when removing protective PVC film that lateral force is applied to the film In, shear direction, as not to induce undue force against sheets bond to internal layers, potentially causing delamination.

