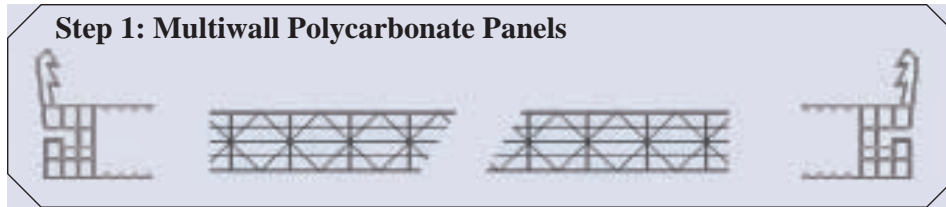
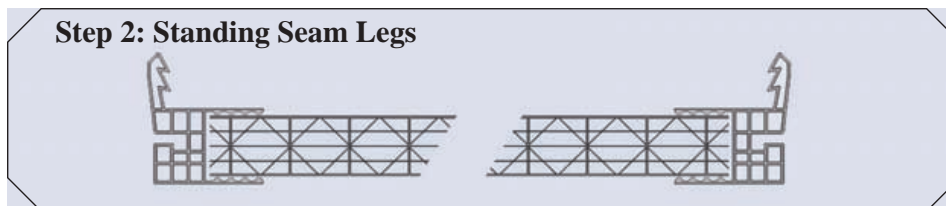


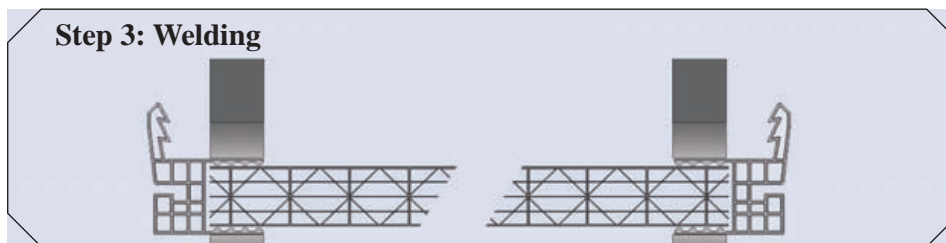
# LEXAPANEL™ Polycarbonate Standing Seam System Panel Assembly:



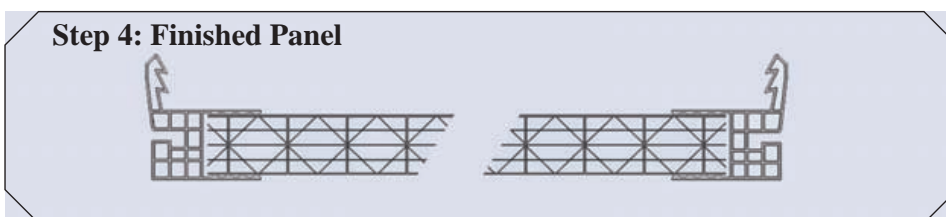
*The primary material used in the LEXAPANEL™ standing seam system is multiwall polycarbonate. Common worldwide, multiwall polycarbonate is produced in large quantities at various locations. Available in different sizes, structures, and colors, multiwall panels have coatings and co-extruded layers that improve performance and weatherability. This new standing seam system opens up the option to using a larger variety of existing multiwall panels.*



*In standard systems, the entire standing seam panel is extruded from one die. This greatly limits the type of legs and panel structure available. With this new system, the legs are welded to the panels post extrusion. This not only allows for greater panel options but also leg and connection options. Tongue and groove or clip connections can also be welded to the multiwall panels.*



*The polycarbonate panel and legs are moved through an ultrasonic welding machine. Simultaneously the legs are welded to both sides of the panel creating a single standing seam panel. This process uses welding heads on the machine and energy concentrators on the legs to create a weld that is as strong as the material itself.*



*This finished panel can be used in similar ways as other standing seam panel systems. The new size and color options allow for increased design flexibility. These high strength panels provide improved system performance.*