Excellart Sign Products, L.L.C.

All ESP Frame System knockdown kits can be assembled by using mechanical fasteners, or with recommended adhesives, or by welding. Special tools are not required to assemble ESP knockdown kits. Proper structural techniques should be used during fabrication.

STEP 1 - CHECK FOR FREIGHT DAMAGE BEFORE SIGNING FOR PRODUCT. IF DAMAGE IS PRESENT, NOTE IT ON THE BILL OF LADING.

STEP 2 - FRAME ASSEMBLY

Locate all components, (Frame, Retainers, Corner Angles, Etc.). Verify frame size before assembling. Insert corner angles into frame. Square each corner of the cabinet before fastening.

> Note: Fasteners for the frame and retainers are not included in ESP knockdown kits.

STEP 3 - INTERNAL STRUCTURES

Electrical sign cabinets need to be built and structured based on the installation and size of the cabinet. Consult your engineer on the structuring and wind load specifications that your sign requires.

> Note: Excellart does not provide vertical or horizontal braces, mounting brackets or engineered drawings.

STEP 4 - RETAINER ASSEMBLY

Align the retainers to the frame. Attach each retainer by fastening it to the cabinet with a metal screw along the length of the cabinet. Pre-drilling the frame and retainers will facilitate this process. When using ESP's hinged frame systems, corner gussets are provided to connect the retainers. The Hinged Retainer is only for the top. The Standard Retainers are for the sides and bottom. Fasten the gussets to the retainer by using pop rivets or metal fasteners. At least one retainer should be mechanically fastened to allow for access to the face.

STEP 5 - PRE-PUNCHED RACEWAYS

If you ordered a sign kit that is to be illuminated, ESP includes pre-punched raceways. D-shaped holes have been punched on 12" centers unless specified differently. These holes have been placed in the center (Double Face Sign) or off set to the back (Single Face Sign) of the raceway for the lamp sockets. The raceways are designed to go across the frame section and to be fastened down.

> Note: Excellart does not provide sockets, lamps, or ballast(s).