



USER GUIDE

Corner Bracket Assembly

FOUR-SIDED SHIELD BOX



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The ILUO Method

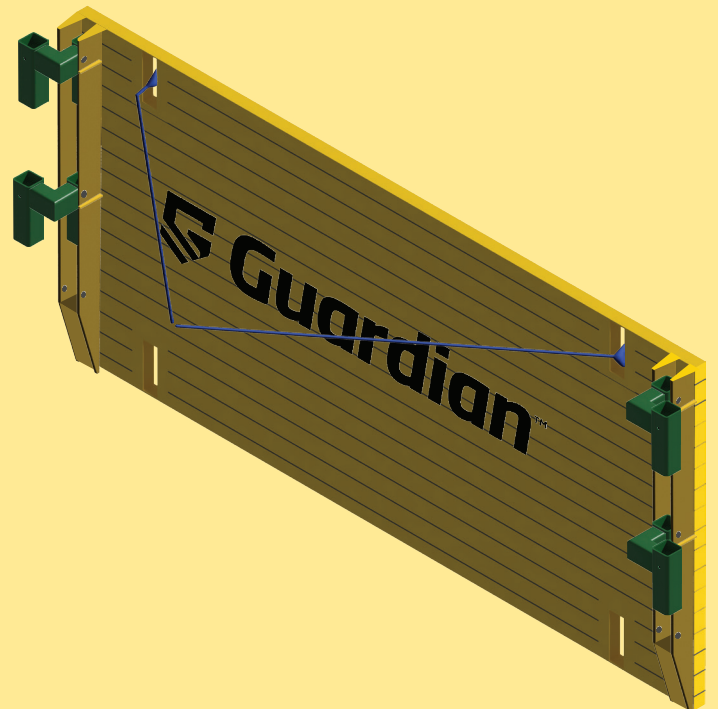
Four-sided shoring is assembled in four steps: I, L, U, O. Each step builds on the last. Work through them in order.

Start by removing all panels from the transport vehicle using the designated lifting points. Lay them flat on a stable surface, strut channel facing up. Fit the corner brackets into the channels and secure each one with the correct pins.

STEP I

STAND THE FIRST PANEL

- 1** Attach lifting chains to the top two integrated lift points.
- 2** Lift the panel upright and set it down on its knife edge or base.
- 3** Stabilise the panel by leaning it against a spoil pile, or hold it steady with the excavator bucket placed gently against the top.



SAFETY

Never stand in front of or behind a panel. All work at this step must be done from the side. Keep everyone clear of the fall zone.

STEP L

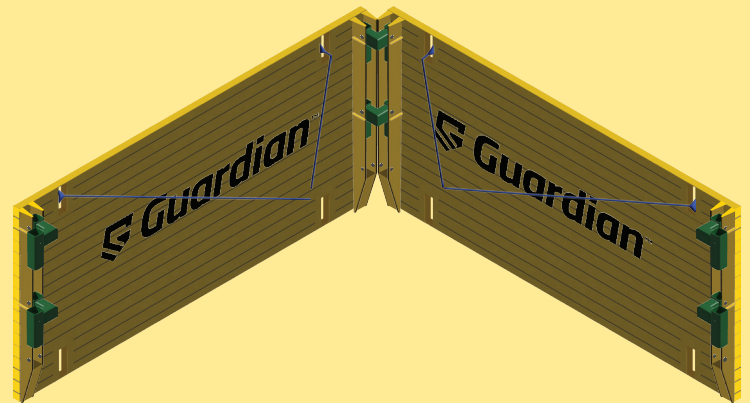
STAND THE SECOND PANEL

1 Bring in the second machine and attach a fresh set of lifting chains to the top two lift points of the next panel.

2 Lift the second panel upright and bring it to meet the first pane

3 Secure the corner bracket pins.

4 Fit the R-clips then remove both sets of lifting chains. The L is now self-supporting — one machine is all you need from here.



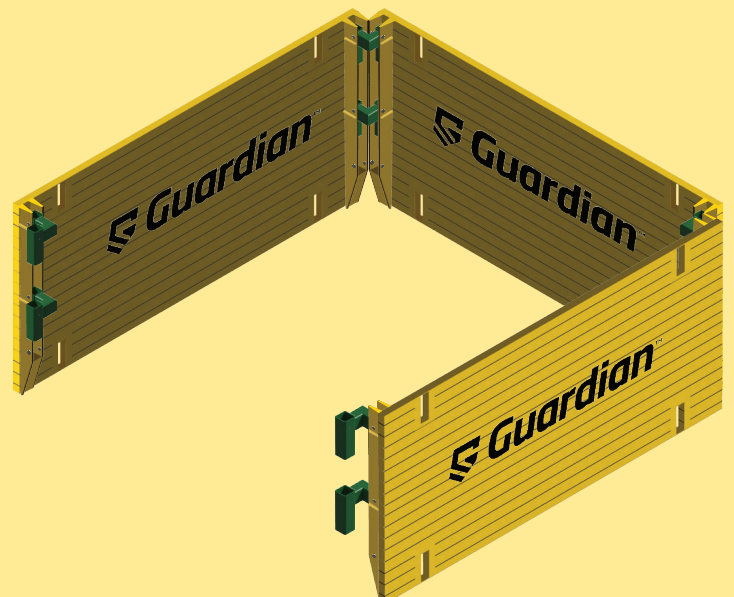
STEP U

ADD THE THIRD PANEL

1 Lift the third panel upright using the same method as Steps I and L.

2 Stand the panel upright using the same method as before.

3 Keep the lifting chains attached until the panel is fully pinned. Fit R-clips, then remove chains.



STEP 0

CLOSE THE BOX

1

Fit the last two corner brackets into the fourth panel and secure with pins and R-clips.

2

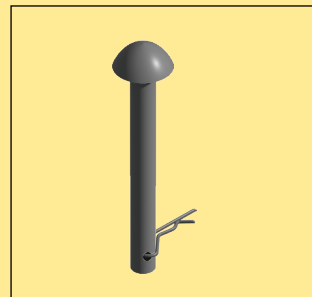
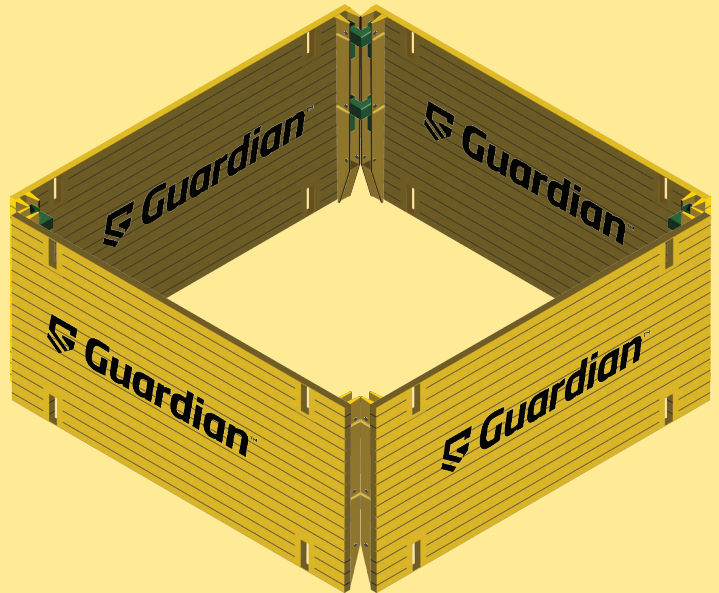
Stand the panel upright using the same method as before.

3

Bring it across to close the box. Line up the corner brackets with the channels in the adjoining panels. Small adjustments to the other panels may be needed to get the spacing right.

4

Insert the pins and secure with R-clips. The four-sided assembly is complete.



Installing into the Trench

1

Connect lifting chains to the two opposing panels and lift the complete assembly.

2

Lower the assembly into the trench.

Tip:

If using the dig and push method to bring the assembly to depth: always excavate as close as possible to the underside of each panel. Push each corner down in turn — no more than 100 mm per side relative to the opposing side. Even, gradual movement keeps the assembly square and safe.

