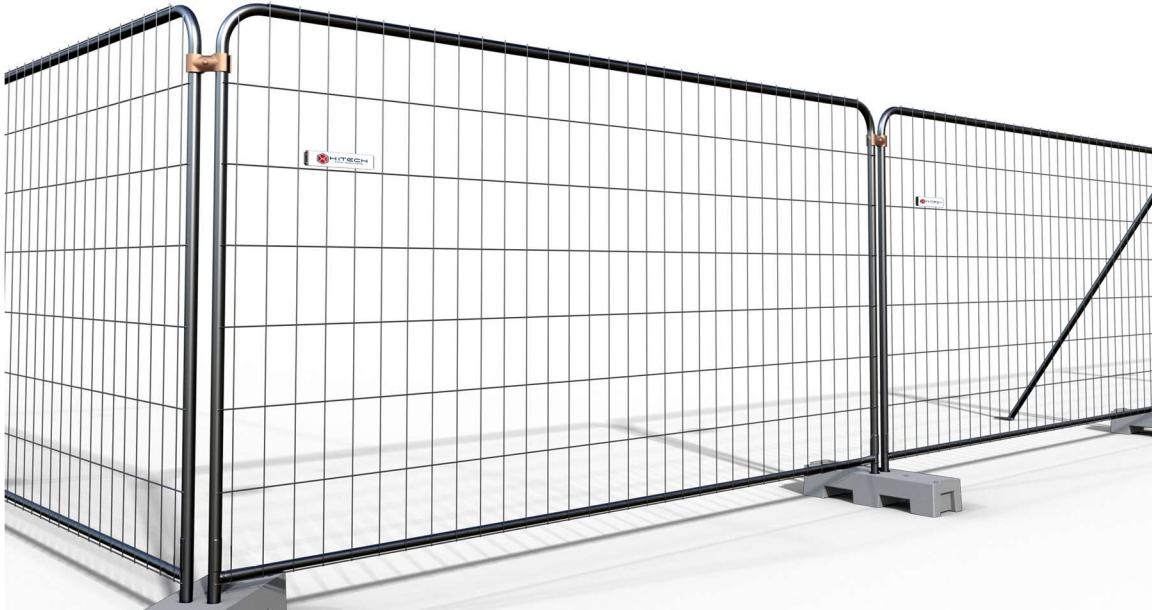


Temporary Fence Panel (Heras Panel) Installation Manual



1. Introduction

This manual provides detailed guidance for the installation of Temporary Fence Panels, also known as Heras Panels. These panels are commonly used in construction sites, public events, and areas requiring temporary restricted access.

2. Components

A standard Heras temporary fencing system typically includes:

- Galvanized Steel Fence Panels (approx. 3.5m x 2.0m)
- High-visibility plastic or concrete fence feet
- Steel fence clamps or couplers
- Security nuts and bolts (optional)
- Stabilizer bars or fence stays (for wind-prone areas)

3. Tools Required

- Socket wrench or adjustable spanner
- Measuring tape
- Spirit level or laser level
- Safety gloves, boots, and helmet
- Marker spray or chalk line

4. Site Preparation

Proper site preparation is crucial for a safe and stable temporary fencing installation. Follow these steps:

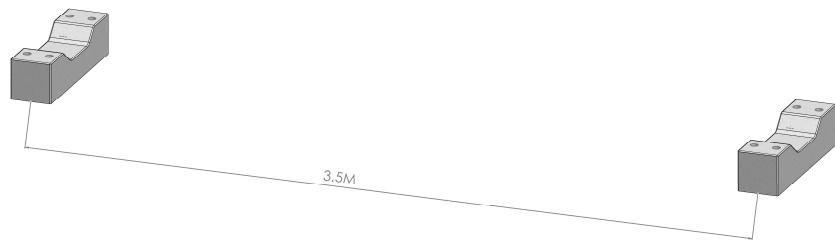
1. Inspect the ground condition. Ensure it is firm and level. Remove any debris or large rocks.
2. Use a chalk line or spray paint to mark the fence alignment path on the ground.

5. Installation Procedure

Follow these steps to ensure proper and secure installation of Heras panels:

Step 1: Placing the Fence Feet

- Start by laying out the fence feet along the marked path. Each foot should be spaced approximately 3.5 meters apart to match the panel width.
- Align the feet properly to ensure straight fencing lines.
- Place extra feet at corners and gate openings for added support.



Placing Footing at 3.5m distance

Step 2: Installing the First Panel

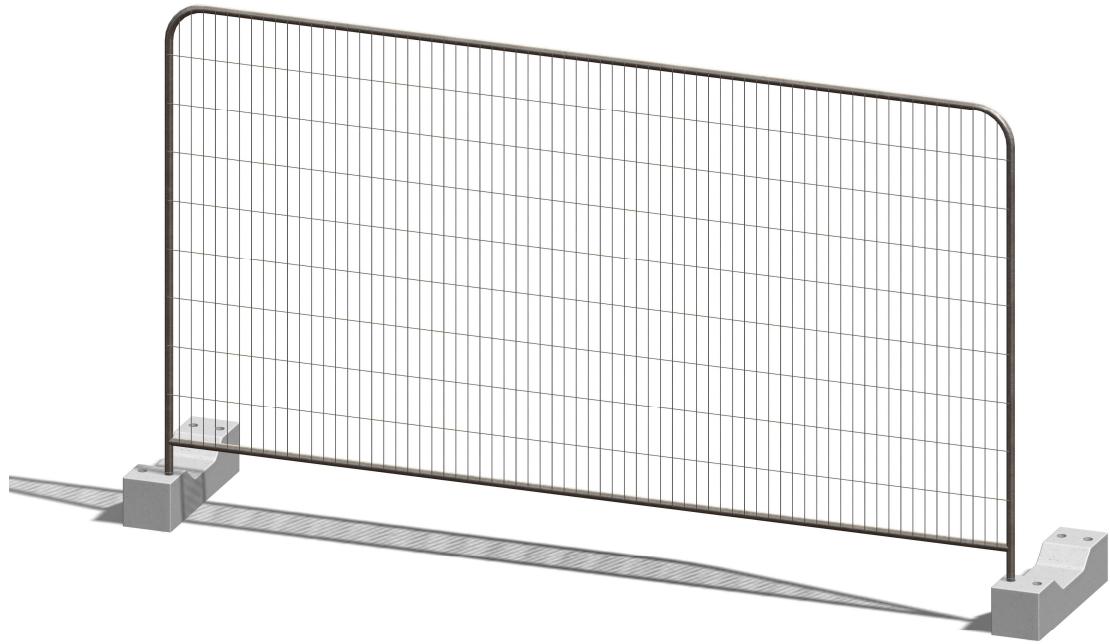
- With two people, lift the first panel and insert the vertical legs into the holes of the first foot.
- Hold the panel upright while a second person installs the next foot under the other end.
- Ensure the panel is straight and level before proceeding.



Placing one side of Panel on Concrete Footing



Placing Second side of panel on second footing at 3.5m distance



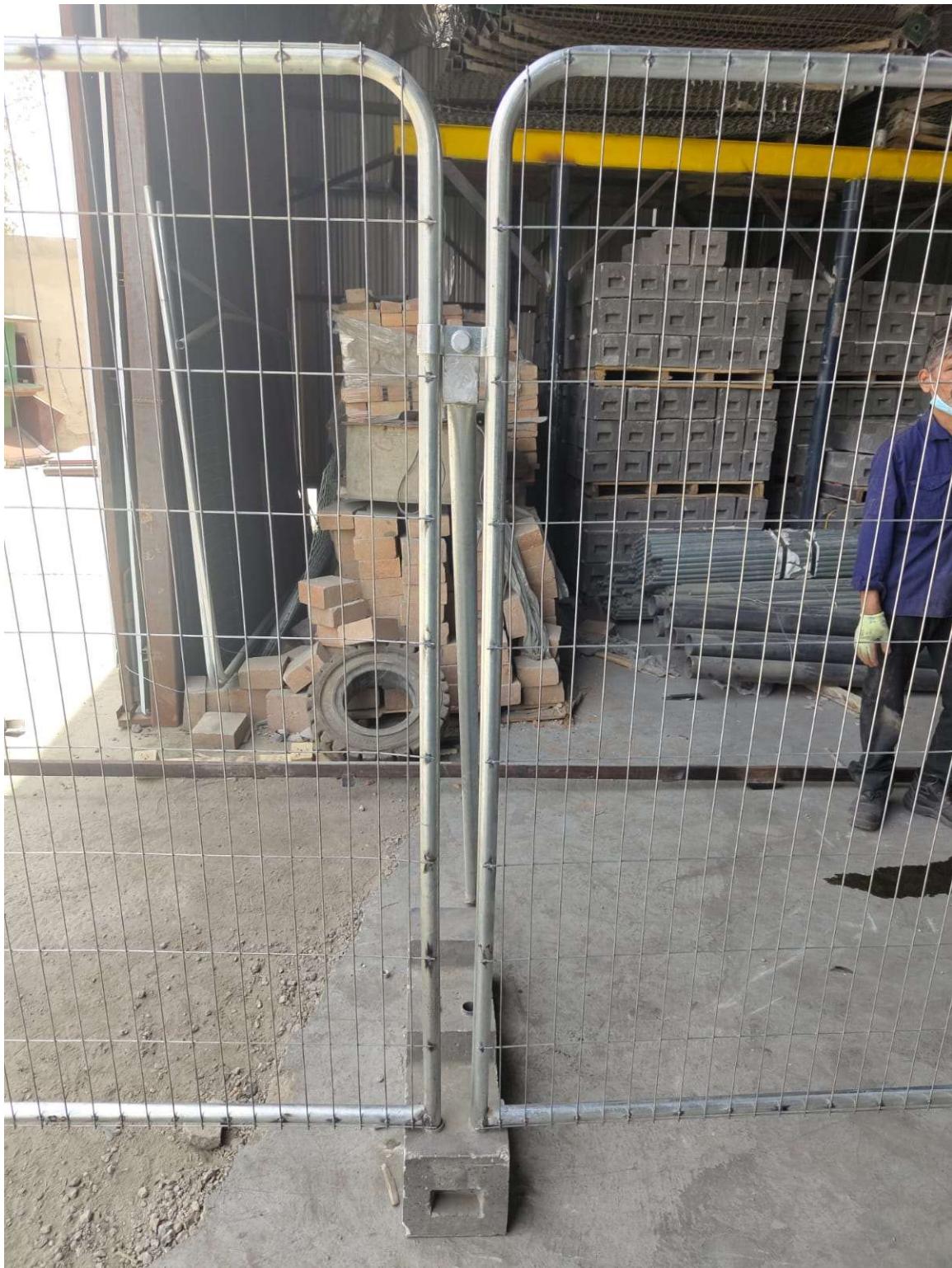
Panel Placed on footing from both side



Overall Panel placed on both footing

Step 3: Connecting the Second Panel

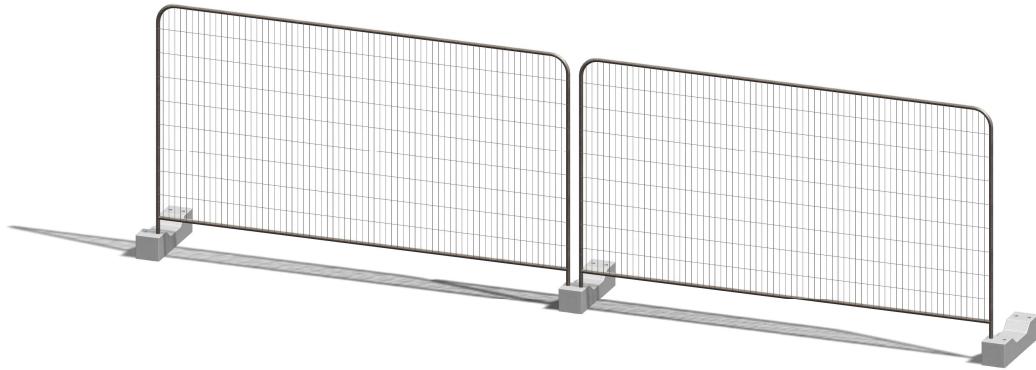
- Insert the second panel legs into the next foot, positioning it adjacent to the first panel.
- Align the top of both panels and attach a clamp or coupler at the top to secure them together.
- If added security is needed, install a second clamp near the bottom.
- Use a wrench to tighten the clamps securely but avoid overtightening to prevent damage.



Panels placed side by side footing

Step 4: Continue Panel Installation

- Repeat the process for each subsequent panel, ensuring consistent alignment and spacing.
- Regularly check vertical and horizontal alignment using a spirit level.
- If panels are being installed in windy areas or exposed environments, use stabilizer bars to prevent tipping.



Panels install side by side continuous

Step 5: Back Support Installation (if applicable)

- After successfully installing two consecutive fence panels on the same line, begin back support installation.
- Identify the midpoint or junction where the two panels meet for optimal support location.
- Place a stabilizer bar (or back stay) diagonally from the mid-height of the panel towards the ground, forming an approximate 45-degree angle.



Back Support install between each panel

- Ensure the base of the stabilizer is properly anchored using a heavy-duty block or concrete base to avoid tipping.
- Use heavy-duty clamps or couplers to securely connect the upper end of the stabilizer to the vertical post of the panel.
- Repeat this procedure for every two-panel segment or as required depending on site wind and load conditions.
- Always verify the stabilizers are tightly fixed and the panels remain vertical and rigid after support is applied.

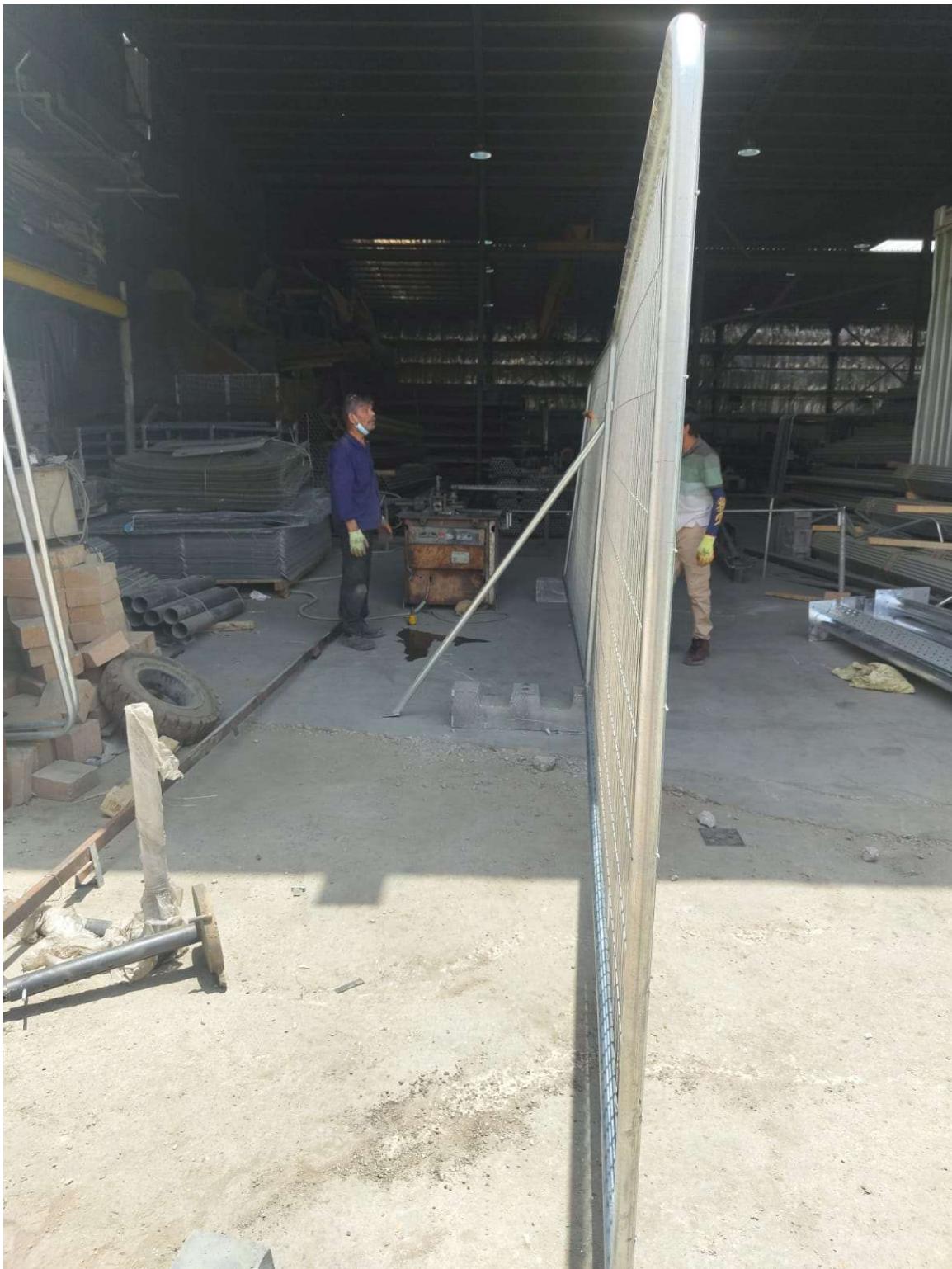


Installing Back support with Galv Clamp and Hex Bolts

- Inspect all stabilizers at the end of the installation to ensure none are loose or improperly angled.

3. Step 6: Final Inspection

- Walk the entire fence line and check all clamps, feet, and panel alignments.



All panels placed with each footing

- Verify that no panel can be lifted out of the foot easily.
- Make adjustments where necessary and ensure the site is safe for operation.



Back Support

6. Safety and Maintenance

- Inspect fences weekly and after any strong winds or incidents.
- Tighten loose clamps and replace damaged panels or feet immediately.
- Ensure access gates are closed and locked when not in use.



