

INSTALLATION GUIDE

Fabric Building Assembly Manual

This guide summarizes the standard installation sequence for Champion tension fabric buildings. A detailed project-specific manual and drawings are supplied with every order.

1. Site Preparation

Level and compact the ground. Confirm the foundation type per engineering: cast-in concrete footings, ballast blocks, screw piles or container mounts. Verify setting-out dimensions and diagonals.

2. Foundation & Anchors

Install anchor bolts / base plates to the supplied layout. Allow concrete to cure to required strength before frame erection. Check anchor positions against the GA drawing.

3. Frame Assembly

Bolt together galvanized truss sections on the ground into complete frames/arches. Use the supplied bolt schedule and torque values. Do not substitute fasteners.

4. Frame Erection

Raise frames with a crane or telehandler and fix to the base. Install bracing and purlins progressively to stabilize the structure. Maintain temporary guying until bracing is complete.

5. Membrane Installation

Feed the PVC membrane into the keder rails and tension evenly per the tensioning sequence. Avoid over-tension at low temperatures. Secure end walls and openings.

6. Accessories & Handover

Fit doors, vents, gutters and lighting. Inspect all connections, torque-check critical bolts, and complete the handover checklist.

Safety

Installation must be performed by competent personnel using appropriate PPE and lifting equipment. Do not work in high winds. Follow all local site safety regulations. Champion can supply an on-site supervisor or full installation service on request.