

Screwpile Australia's Transportable Buildings & Remote Housing Cyclonic Anchoring Foundations

QWIK-Connect UB200/250 Interface Connecting Bracket Product Guide

The QWIK-Connect provides a secure and easy way of connecting transportable type buildings that have UB200 or UB250 rail supports to cyclonic screwpile foundations fitted with our standard 250 diameter bearing interface cap plate. Two models are currently available - UB200 & UB250:



Notes:

- ◆ A minimum ground clearance of 100mm from underside of UB to GL is recommended.
- ◆ QWIK-Connects will cater for up to an 8mm RL gap between the underside of the UB and the top of the screwpiles interface cap-plate. Tightening the two bolts will clamp the UB and cap-plate together. Any RL discrepancy between the UB & the cap-plate prior to tensioning will be taken up during the process.
- ◆ Ensure all bolts on all brackets are re-tightened and checked prior to final building commissioning to ensure none have been missed.



Screwpile installation centerline and height tolerances' need to be kept within the following range of alignment to the underside of beam:

- ◆ Plus or minus (+ or-) 25mm from beam centerline
- ◆ Unlimited along beam (subject to the buildings engineered foundation/anchor location constraints)
- ◆ Up to a minus (-) RL of 8mm below the base web of the UB chassis rails

Particular attention should be given to the location of any cross beams that come in contact with proximity of the bottom flange as these may interfere with connection. Screwpiles that fall at these locations may need to be moved slightly left or right.

Ensure the tapered washers are fitted with the wedge towards the bottom of the bracket. When placing the bolts and sleeves place the nut end of the bolts towards the outside of the UB. The bracket is designed to pull the base of the slot up to the underside of the cap-plate and the inside of the angle against the edge of the UB's bottom web.