



Horizontal Panel Installation Guide

1. Unload and stack the pre-stressed panels horizontally with flat and level forks, always stack timber bearers directly above and below each other as the load will transfer through each timber.



2. With use of 2.5t lifting clutch insert the cam into the embedded lifting eye and close the cam handle to the outside of the panel stack.

3. Rig up a set of 5t lifting chains to the front of the telehandler and attach the chain hooks to the 2.5t lifting clutch and secure.



4. Slowly draw up the boom of the telehandler and lift the horizontal panel vertically upwards, take up the slack slowly as the panel becomes upright to avoid any swing.

5. Safely transport the panel to the installation area, keep the boom of the machine as low as possible to avoid any collisions and adverse swaying.



6. Approach the steel stanchions squarely and offer up the panel unit for installation, align the panel unit to the centreline of the steel upright. Check for alignment as you lower the panel unit slowly to the ground.



7. Lower the panel unit slowly to the ground checking for alignment as you go, keep the load secured by keeping a small amount of tension on the chains.



8. Ensure the panel unit is lined and level with the centreline of the steel column.



9. With the use of the M16 hex head and galvanised panel fixing cleat, secure the panel in place by threading the bolt into the cast in socket already cast into the back of the panel. Use a torque wrench to tighten up the fixing bolt.



10. Once panels are installed, apply a bead of construction/food safe mastic sealant to both the horizontal and the vertical joints. This will smooth out any imperfections in the joint and any production tolerances in the panel units. The finishing mastic will also provide a weathertight seal.

