

## Multiwall System High Wind Load Installation Instructions for a WOOD SUBFRAME and single piece H-Bars.

1. Create a strong wooden subframe from defect free timber having length-wise members to support H bars; cross-members for fixing through the Multiwall Sheets separated by not more than 1200mm.
2. Subframe system shall be assembled flush with the top surfaces of lengthwise members and cross-members in the same plane.
3. Minimum slope of the sheets will be 5 degrees to the horizontal lengthwise in the direction of the MWS sheet flutes.
4. Fix single piece H Bar system only with Ajax TWH1450 (576400) 14g fixings to length-wise members at separations no greater than 600mm.
5. Drill 10mm oversize holes for fixings through Multiwall Sheets at equally spaced intervals centred on top of each cross-member.
6. Centrally Fix through the sheet holes with Ajax T25H1450 (602307) 14g fixings. Do not over-tighten fixing creating a depression in the sheet.

| MWS Sheet gauge | MWS Sheet Width | Length-wise Member Centres | Max. Spacing of H-bar fixings | Max. Cross-wise Member Centres | Sheet Oversize Hole Diameter | No. of MWS Fixings at each position |
|-----------------|-----------------|----------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------------|
| 8mm             | 700mm           | 720mm                      | 600mm                         | 1200mm                         | 10mm                         | 3                                   |
| 10mm            | 980mm           | 1000mm                     | 600mm                         | 1200mm                         | 10mm                         | 4                                   |

7. Only use the fixings designated:

- Ajax TWH1450 (576400) 14g fixing Timberfixx hexagon washer head with Seal.
- Ajax T25H1450 (602307) 14g fixing Timberfixx cyclone assembly with 25mm Dekfast Seal.

8. Otherwise follow installation instructions as per documents a) and b) above.