



Nextstep FRP Ladder Installation

Ladders are factory assembled to full working length and then reduced in size to suit transport requirements.

Field assembly must include the following procedures:

Ladders are laid out on a flat surface, bracket side down to avoid scratching the stiles - sections are placed in sequence according to the supplied plan.

All bracket fasteners are to be loosened off, as these are tightened prior to transport. A rubber mallet should be used on the ends of stiles (not the rungs) to aid in the assembly process.

All fixing bolts should be tightened once assembly of the individual sections is completed.

The assembled ladders should be turned sideways for carrying and lifting - this will avoid undue bending at the joining bracket areas.

The installation area must be assessed for best positioning of the ladder onto the wall surface - the ladder has a four bolt-fixing configuration on the upper bracket. The coloured reflectors on the rungs follow the International Safety Codes - Red (LHS) and Green (RHS).

The fasteners should be either 316 SS Chemical bolts (12mm X 80mm) or 316 SS sleeve type bolts sealed with a chemical resistant epoxy.

Vertical FRP ladders are generally designed to comply with AS 2865:2001 'Safe work in a confined space'. The ladder must be positioned to allow for safe vertical movement with no obstructions - the system should include a suitable elevated anchor point, davit or rescue frame tested for rescue loads (200kg minimum).

Signage must designate the ladder for use by trained operators only, when using all components of the combined safety system.