

# Assembly instructions.

## Mini Ranger

- 1) Lay down floor with skids resting on the ground. The towing end of skids are best positioned at opposite end to entrance door. It is important to set this as level as possible to ensure correct and easy assembly.
- 2) Take front panel of house with entrance door and one side panel, locate at perimeter of floor with the frame sitting on edge and cladding passing down the sides. Fit corners tightly together ensuring that top of frames are at same level. Screw together with screws already located in side panel.
- 3) Repeat with other side panel and rear panel of house.
- 4) Screw sides to floor with screws located in bottom frame.
- 5) Locate vent panel in gap at top of side panel with nest box aperture and secure with screws located in drilled holes.
- 6) Fit roof bars in positions indicated by drilled and countersunk holes in apex panels. The roof bars with wire mesh attached locate in the top position with the mesh meeting at the apex. The plain one fits at the end of the extensions that form the porch feature

### Fixing Roof.

The 'Onduline' roof sheets supplied are pre-cut to size. The side that each pair fits is obvious by their size. View the corrugations as a series of peaks and troughs. Reference to this is made below.

- 7) Position sheets on roof, with the courser pattern to the underside, overlapping as necessary to allow one corrugation to extend over each side equally. The first trough at each side should be sitting on top of the sloping side panel.
- 8) Set a 2" ( 50mm ) overhang at eaves of panel to allow run-off to clear cladding. The sheets do not meet at the apex. The gap that is left at this position forms part of the ventilation and is protected by the mesh fitted
- 9) Fix roof sheets in position using special nails provided. ( square plastic heads ) These are fixed through the **peak** of the corrugation using a hammer to drive them through and the position measured so that they are fixed into the top frame of the side panels and any other roof bars fitted. The top (apex) fixings must be left until last as they share fixings with the capping sheets
- 10) Suggested order of nailing:- 1. Second peak in from each side. 2. Each overlap. 3. Fill in remaining gaps fixing at every other peak. ( Fix one, miss one ). Repeat this procedure for each line of fixings. ( Frame of side panel, each roof support bar. The position of the fixings into the roof bars is the distance measured from the bottom of the sheet to the centre of the screw securing that bar. **Do not flatten corrugations by over securing roof fixings**
- 11) Locate capping sheets on apex overlapping them so they finish in line with ends of sheets. Centralise them on apex with equal cover each side. Secure by fixing through capping sheet and peak of corrugation into roof bar. Each fixing from bottom to top should use the same corrugation peak.
- 12) Fit droppings tray rear support in position at end of slides. The plywood ledge should be on the lower edge and facing the access flap. Slide tray into position from outside with finger tabs and open end toward drop flap. Close flap and apply catches. Locate perch rack above droppings tray with stops sitting against raised tabs on tray rear support and other side resting on side panel frame.
- 13) Locate nest box in side panel aperture ensuring that the base of the nest box sits tightly on top of the board at the bottom of the aperture, screw to side frames in this position with screws provided in nest box. Slide nest box lid into gap between top of nest box and underside of hinge bar until it stops (ensuring that the lid is positioned with stiffening batten facing down into the nest box and toward the house). Centralise the lid and locate the free end of the double knuckle hinge onto top of lid where they naturally sit and secure by screwing through lid with screws provided separately.  
Fit nest box staging to front of nest box inside house and fix with screws provided.

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