NURI STEEL SHED INSTALLATION MANUAL

Versions 1.1

Safety Information:

- Always wear PPE when handling materials and during shed construction.
- Use appropriate equipment when working at heights.
- Use safe lifting techniques.
- Use caution in windy or stormy conditions.

Introduction:

Welcome to your Nuri Steel Installation Guide on your newly purchased product.

This manual will guide you through the installation and assembly process of your new product, from preparing the site to the final touches. Whether a first-time installer or an experienced installer, following the step – by – step instructions will ensure a safe and successful installation.

Before beginning installation, please read through the manual to ensure that you understand all the steps, tools required and safety precautions.

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WALL PANEL AND ROOF PANEL / TRUSS INSTALLATION:

Tools Required:

The following tools will be required to install the “Wall Panels” and “Roof Trusses / Roof Panels”

1. PPE (Gloves, Safety Glasses, Ear Protection)
2. Tape Measure
3. Pencil / Texter
4. Level
5. Hammer Drill
6. Masonry Drill Bit (Size 10mm and 12mm)
7. Impact Driver / Drill Driver
8. Impact Driver PH2 Screw tip
9. Impact Nut-setter Bit (Size 5/16)
10. Socket Set (Size17 and 19)
11. Hammer / Mullet
12. Ladder / Scaffold
13. Chalk line

Parts List – Wall Panels and Roof Panels / Trusses:

1. Base Tracks
2. Flat Washer
3. Hold Down Bracket
4. 10 x 80 Bolt
5. 12 x 110 Bolt
6. 10g-16mm Hex Head Self Drilling Screw
7. 10g-16mm PH2 Flat Head Screw
8. Hoop Iron
9. Turn Buckel

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Step 1: Site Preparation:

- Choose the desired location ensuring a flat, dry, easily accessible area with no overhead dangers.
- Clear the location from any obstructions.
- All the Nuri designs intended to be installed on a suitable concrete slab.

Step 2: Wall Panel installation:

1. Refer to the "Wall Layout" Plan
2. Using 2 or more people, stand the 1st panel against the 2nd panel and screw together in the corners with 5/16th hex head screws
3. Ensuring frames are stable, stand the next panel and screw together in the same method, until all wall panels are screwed together, make sure frames are installed square and level to each other

Step3: Joist Installation:

If your shed consists of joist, please follow the steps below

1. Refer to "Joist Layout" Plan. Please see notes about location of Joist
2. Once Joist is in possession, locate the Tripple Web Holes and use the Hex Head Self Drilling screws (ITEM 6) to fasten the Joist down into the Top Plate of the Wall Panel.

Step 4: Roof Truss / Panel installation:

Sheds that consist of Roof Trusses:

1. Refer to the "Roof Truss Layout" Plan
2. Measure out and mark along the top of the wall frames for truss installation.
3. Place the 1st truss into marked location and screw 2x 5/16 hex head screws down into the wall frames
4. Repeat the process until all the trusses are installed
5. Install the Hoop Iron (as shown on the plan) (ITEM 8) diagonally across the trusses, using the 5/16 Hex Head Screws. Insert a Turn Buckel (ITEM 9) in the middle of the Hoop Iron run and tighten up until tensioned, do not over tighten as will cause trusses to bend. Once tensioned, use the Hex Head Screws and fasten the Hoop Iron to each truss

Sheds that consist of Roof Panels:

1. Refer to the "Roof Panel Layout" Plan.
2. Place the 1st panel on the Wall frames and screw down with 5/16 hex head screws (ITEM 6).

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3. Repeat until all Roof Panels are installed.

EXTERNAL CLADDING OF WALLS AND ROOF:

Tools Required:

The following tools will be required to install the install the external cladding on the Walls and Roof.

1. PPE (Gloves, Eye Protection, Ear Protection)
2. Tape Measure
3. Level
4. Pencil / Texter
5. Chalk Line
6. Impact Driver / Drill Driver
7. Impact Nut-sitter bit (Size 5/16)
8. Tin Snips
9. Metal Shear
10. Ladder / Scaffold

Parts List – External Cladding:

1. Color Bond Corrugated Iron Sheet
2. Corner Flashing
3. Roof Ridge Capping
4. Sisalation Wrap
5. 12g x 51mm Self Drilling Screw with Washer (Roof Cladding)
6. 10g x 16mm Self Drilling Screw with Washer (Wall Cladding)
7. 10g x 16mm Flat Head Self Drilling Screws

Step 5: Cladding the external Walls:

1. Start off by wrapping the entire structure with the Sisalation Wrap. Cutting out the Window and Door Openings allowing overlap inside openings.
2. Measure the Noggin height from the Bottom Plate to the center on the noggin and transfer the measurement to the Color Bond Corrugated Iron Sheet (ITEM 1).
3. Mark inside every 2nd pan on sheet for screw location.
4. Place first sheet against the wall panel, level the sheet and start fastening the sheet in marked locations.
5. Repeat 3,4 & 5 until all walls are cladded
6. Keep checking alignment.
7. Cut out the Window and Door Openings with an Metal Shears.
   (Don’t use grinders on tin, it leads to rusting and sharp burred edges)

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Step 6: Cladding the Roof:

1. Refer to “Cladding Guide” to ensure that the correct Corrugated Iron Sheets are being installed on the Roof
2. Fasten the Top Hats down onto the trusses by using the 10g x 16mm Self Drilling Screws (ITEM 7). 2 screws on every top hat connection top roof truss
3. Measure the Top Hat spacing center to center and transfer the measurement onto the Corrugated Iron Sheet on both sides, use the Chaulk Line to flick a straight line across the Iron Sheet.
4. Place the first sheet onto the roof and fasten down into the top hats using the 12g x 51mm Self Drilling Screw with Washer (ITEM 5) on the marked line. Only fasten on every second Crest of the Corrugated Iron Sheet. Using the 2, 3, 2 screw pattern (screw the 1st rib, miss 2 ribs, screw again, miss 3 ribs, screw again, miss 2 ribs, then install the next sheet and repeat screw pattern)
5. Repeat 3 and 4 until all sheets are installed.

The same process will be followed if your shed consists of Roof Panels. (Without installing top hats)

Step 7: Installing the Flashing and Ridge Capping:

1. Refer to flashing plan
2. Install the head flashings above doors and windows using flathead or button head screws
3. Install J mould to the sides and bottom of windows using flathead or button head screws
4. Install the corner flashings on each corner of the wall using colour matched 5/16 hex head screws
5. Install barge flashing on the edge of the roof to wall corner using 5/16 hex head screws
6. Install the ridge capping over the join of the roof sheets and over the top of the barge flashing. Screw ridge capping down on every 2nd rib to the roof sheets using supplied roof screws and wall screws to join to the barge flashing.

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