Durable Bitumen Corrugated Sheet Installation Guide

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Tools required

- Wear protective gloves and glasses.
- Spray lubricating oil on a coarse toothed hand saw or use a power saw.
- Fine toothed bladed Chop Saw
- A hammer, cordless screwdriver/drill, tape measure and a straight edge tool.

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Installation

1. **MEASURE** the roof

   **IMPORTANT** – Take all **MEASUREMENTS** of the roof so you can work out the correct plan for the sheet coverage. Allow an **extra 70mm overhang** on the slope length for the sheet overhang.

2. **DETERMINE OVERLAPS** for larger slopes

   Fix intermediate roof supports every **two** corrugation peaks.

   - **Roof slopes of 15° or greater:** Gradients of 1 in 4 or higher
     - Overlap every sheet by **one** corrugation peak
     - Maximum distance of **50cm** from the centre of each rafter

   - **Roof slopes of 10° – 15°:** Gradients of 1 in 6 – 1 in 4
     - Overlap every sheet by **one** corrugation peak
     - Maximum distance of **40cm** from the centre of each rafter

   - **Roof slopes of 5° – 10°:** Gradients of 1 in 11 – 1 in 6
     - Overlap every sheet by **two** corrugation peaks
     - Use fixings sheets every corrugation at the eaves and sheet overlaps. Use fixings every other corrugation on intermediate purlins.

   - **Fully supported** timber boarded roof deck

   Use fixings sheets every corrugation at the eaves and sheet overlaps. Use fixings every other corrugation on intermediate purlins.

   Overlapping sheets

   - 18cm
   - 22cm

   Overlapping sheets

   - 32cm

   Overlapping sheets

   - >15º

   Overlapping sheets

   - 5°-10°
3 Install the CORRAPOL®-BT Foam Eaves Fillers

**IMPORTANT** – To keep the roof watertight and weatherproof, install CORRAPOL®-BT Eaves Fillers along fixing points of the roof.

For best performance and sealing install CORRAPOL®-BT Foam Eaves Fillers along the horizontal purlins and all fixing points of the roof. These will make installation easier, provide a stronger roof and give greater sealing properties from draught etc.

4 Prepare the CORRAPOL®-BT Rock n’ Lock Side Flashing

- **a** Cut the Aluminium Rock n’ Lock Flashing to the required length with a chop saw which has a fine-toothed blade suitable for cutting Aluminium.

- **b** Cut a mitre at the top end of the CORRAPOL®-BT Rock n’ Lock Side Flashing so it finishes with a vertical end when offered up to the upper end of the roof slope.

- **c** Cut the lower end of the CORRAPOL®-BT Rock n’ Lock Side Flashing to the same length as the slope, being careful to allow approximately 70mm beyond the eaves beam for an overhang.

5 **MEASURE** and **CUT** the FIRST CORRAPOL®-BT roofing sheet

Measure and saw excess roofing sheet allowing an overlap eave of 70mm MAX.
6 Install the CORRAPOL®-BT Rock n’ Lock Side Flashing

a
Pre-drill 5mm pilot holes approximately 250mm apart on the CORRAPOL®-BT Rock n’ Lock Flashing.

b

TILT the CORRAPOL®-BT Rock n’ Lock Side Flashing and ROCK the first corrugated sheet peak into the curve of the flashing.

7 Fit the CORRAPOL®-BT Rock N’ Lock Side Flashing and Corrugated Sheet

IMPORTANT:
• Make sure you use either the plastic headed nails OR screw cap fixings through the corrugation peak and not the trough.
• Fix the CORRAPOL®-BT Rock n’ Lock Flashing with the supplied stainless steel screws and CORRAPOL®-BT screw caps

EITHER through the top OR through the side of the bar.

Fit EITHER the roof nails OR screw cap fixings at EVERY SECOND CORRUGATION PEAK at each of the purlins, plus the top and bottom of the roof structure.

NEVER THROUGH THE TROUGH
**8** Prepare the **FINAL CORRAPOL®-BT** roofing sheets

**IMPORTANT** – To avoid vertical cuts, overlap the roofing sheets by more than two corrugation peaks to the **EXACT MATCH** of the roof dimensions.

**9** Install all the **FINAL CORRAPOL®-BT** roofing sheets

Fit the remaining **CORRAPOL-BT Corrugate Sheets** plus **CORRAPOL-BT Rock n’ Lock Side Flashing** as shown in part 6 to all sides of the roof.

**10a** Install the **NEW CORRAPOL®-BT Super Ridge**

Cut the aluminium **CORRAPOL®-BT Super Ridge** to the required length with the fine toothed bladed chop saw.

Slide the foam eaves filler into the two side slots of the **CORRAPOL®-BT Super Ridge** before installing onto the peak of the roof.

Pre-drill 5mm pilot holes approximately 250mm apart on the top of the **CORRAPOL®-BT Super Ridge**.
10b. Alternately install the CORRAPOL®-BT Budget Ridge panels

Use nail or screw fixings every two corrugation peaks.

Overlap roof ridge panels by the minimum of 22cm.

11. Fully fitted CORRAPOL®-BT Roof
Inasmuch as Clear Amber have no control over the circumstances in which our material may be used, or site specific parameters, we cannot guarantee that any particular results will be achieved. Users should carry out their own tests to determine the suitability of the material for their application.