CORRAPOL®-BT

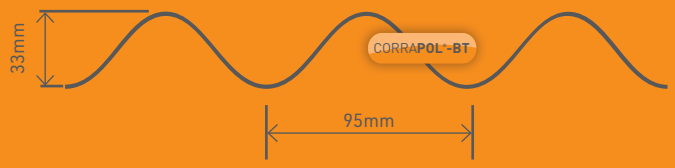
Durable Bitumen **Corrugated Sheet Installation Guide**

www.clearamber.com

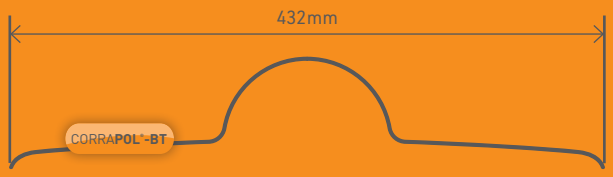
CORRAPOL®-BT

Corrapol®-BT : Installation Guide

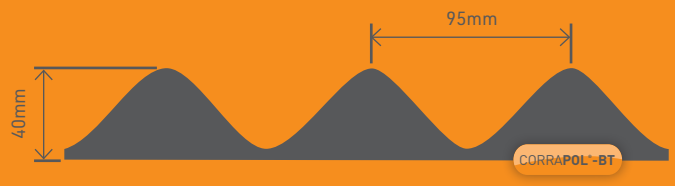
Corrapol®-BT Corrugated Bitumen Sheet



Corrapol®-BT Corrugated Bitumen Roof Budget Ridge



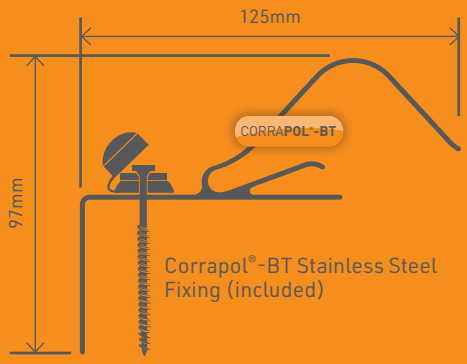
Corrapol®-BT Foam Eaves filler



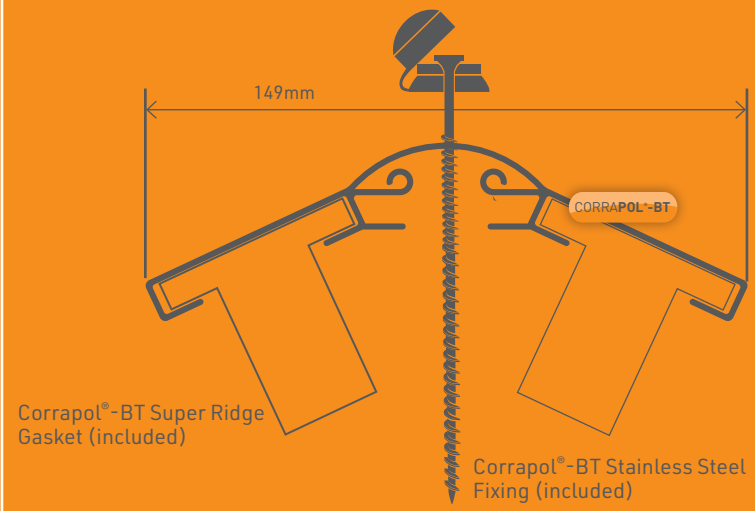
Plastic Headed Nails

Screw Cap Fixings

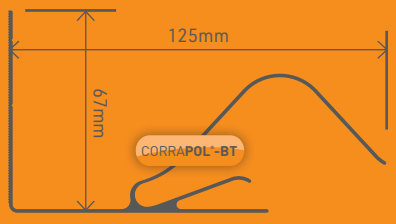
Corrapol®-BT Rock N Lock® Gable Flashing



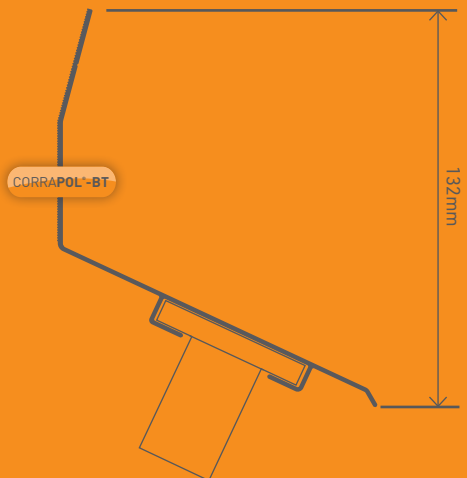
Corrapol®-BT Super Ridge



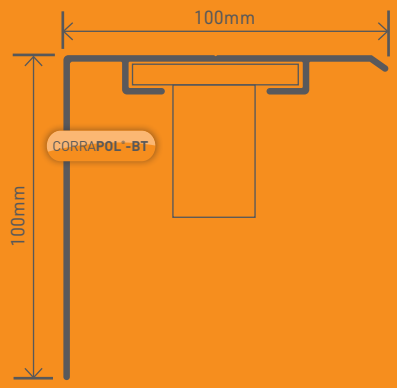
Corrapol®-BT Rock N Lock® Wall Flashing



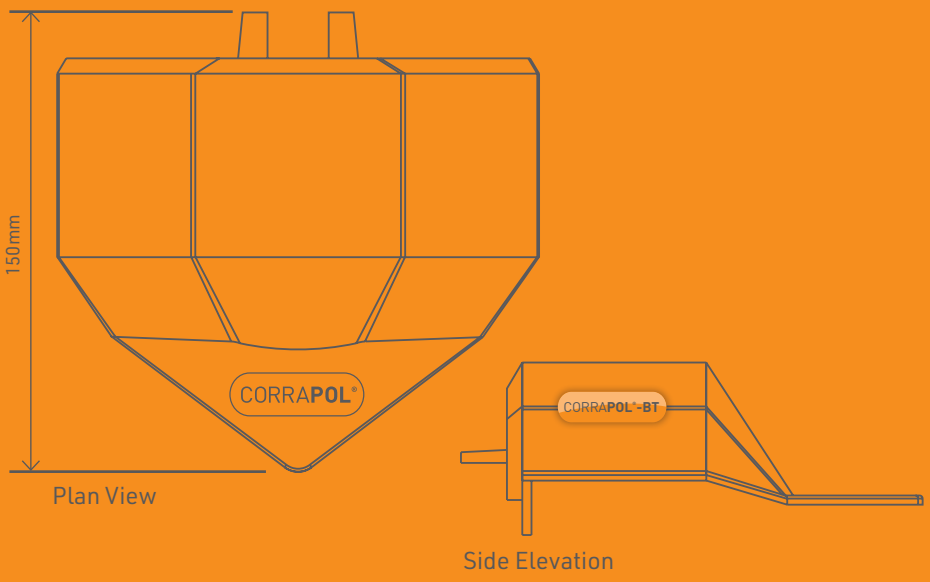
Corrapol®-BT Top Wall Flashing



Corrapol®-BT Pent Roof Flashing



Corrapol®-BT Super Ridge End Cap



Plan View

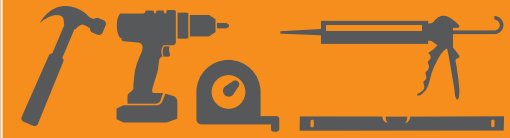
Side Elevation

Tools required

Wear protective gloves, glasses and ear protectors where appropriate.

Clamp, lubrcating oil, universal tooth blade and tin snips.

Fine toothed bladed Chop Saw

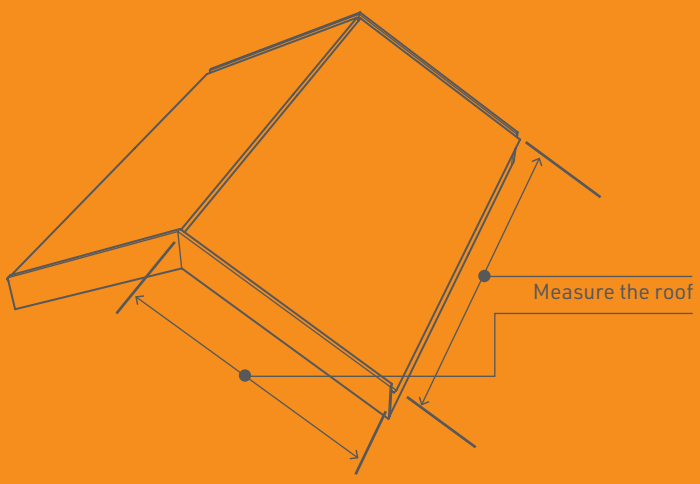


A hammer, cordless screwdriver/drill, tape measure a straight edge tool and suitable sealant / sealant gun.

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.

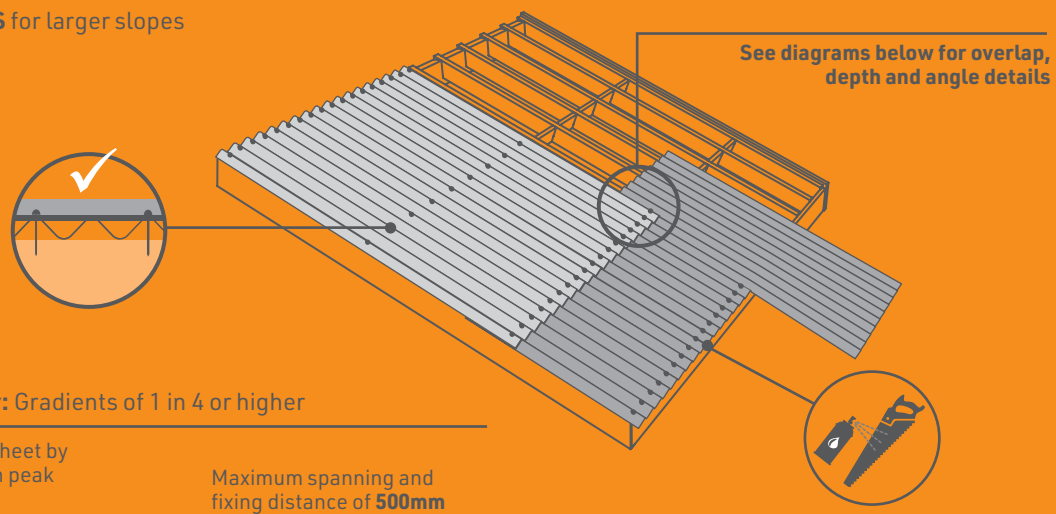


Video: **How 2 Install Bitumen Roof Sheets**

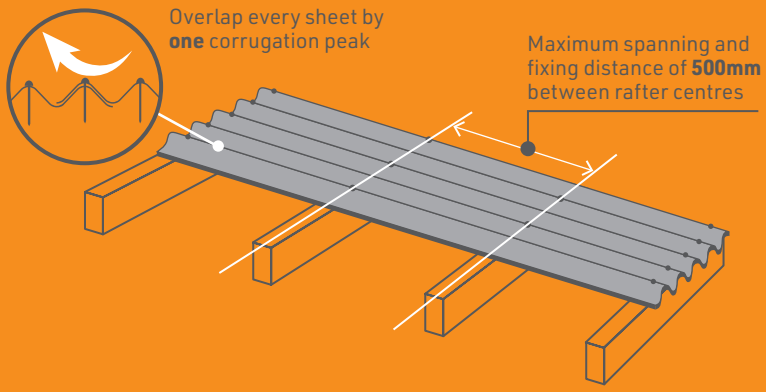
CORRAPOL®-BT

***NOTE:** It is not recommended to use this product below 5 degrees due to the fact that overlaps are required for installaton.*

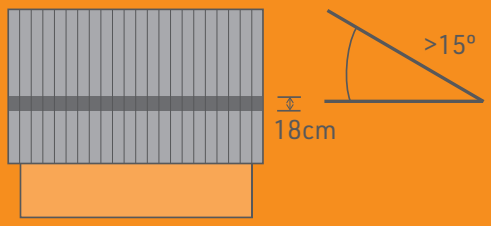
2 DETERMINE OVERLAPS for larger slopes



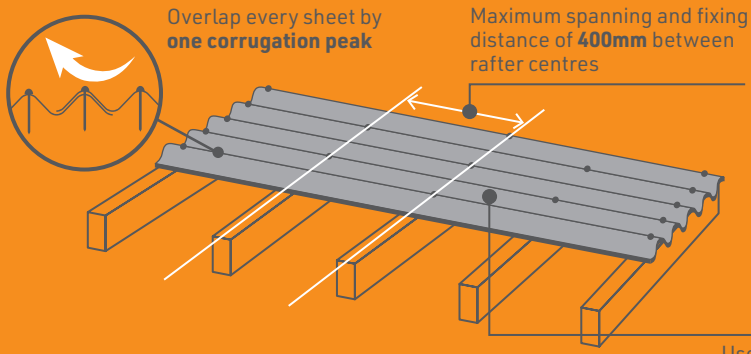
Roof slopes of 15˚ or greater: Gradients of 1 in 4 or higher



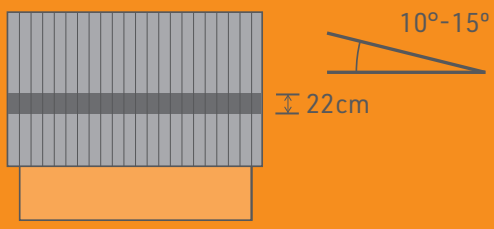
Overlapping sheets



Roof slopes of 10˚ – 15˚: Gradients of 1 in 6 – 1 in 4

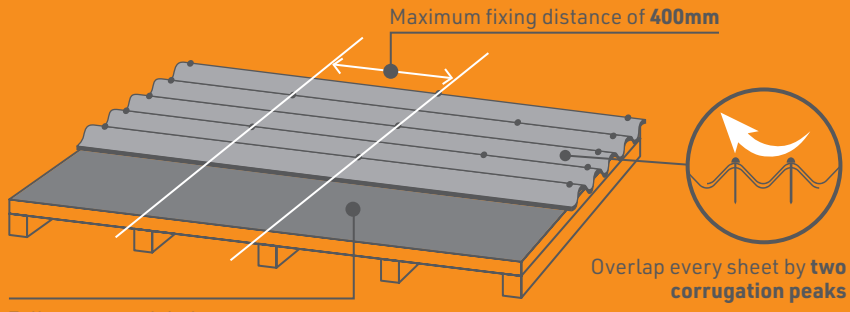


Overlapping sheets

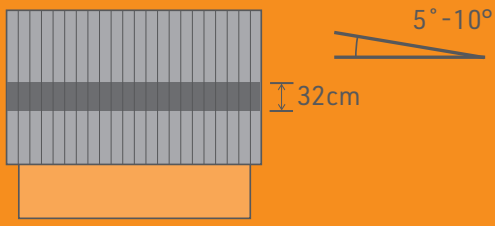


Use fixings sheets every corrugation at the eaves and sheet overlaps.
Use fixings every other corrugation on intermediate purlins.

Roof slopes of 5˚ – 10˚: Gradients of 1 in 11 – 1 in 6



Overlapping sheets



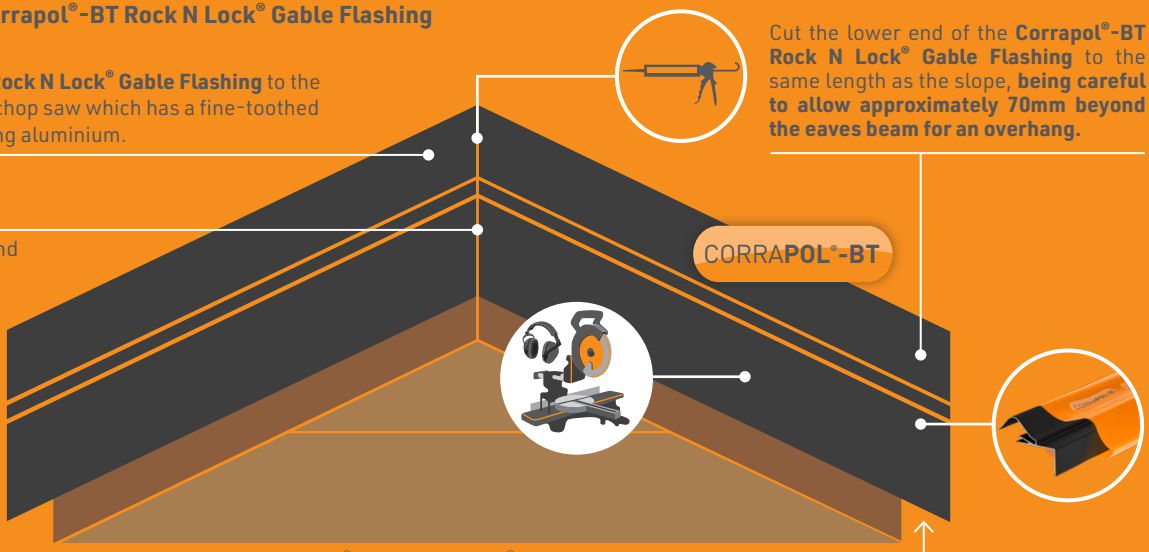
Video: **How 2 Overlap Corrugated Roof Sheets**

3 Prepare the **Corrapol®-BT Rock N Lock® Gable Flashing**

Cut the **Corrapol®-BT Rock N Lock® Gable Flashing** to the required length with a chop saw which has a fine-toothed blade suitable for cutting aluminium.

Cut a mitre at the top end of the **Corrapol®-BT Rock N Lock® Gable Flashing** so it finishes with a vertical end when offered up to the upper end of the roof slope.

Cut the lower end of the **Corrapol®-BT Rock N Lock® Gable Flashing** to the same length as the slope, **being careful to allow approximately 70mm beyond the eaves beam for an overhang.**



Front elevation of the Corrapol®-BT Rock N Lock® Gable Flashing

70mm overhang on both sides

a

Pre-drill 5mm pilot holes approximately 250mm apart on the **Corrapol®-BT Rock N Lock® Gable Flashing.**

b

TILT the **Corrapol®-BT Rock N Lock® Gable Flashing** and **ROCK** the first corrugated sheet peak into the curve of the flashing.

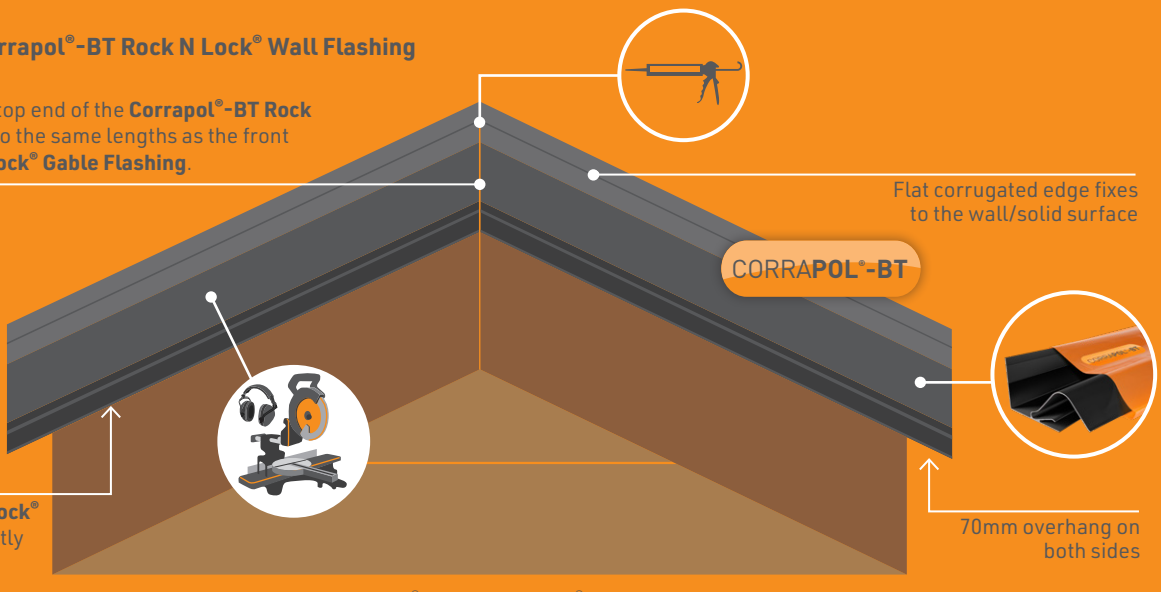
c

STRAIGHTEN and **LOCK** the **Corrapol®-BT Rock N Lock® Gable Flashing** into place giving a perfect finish to the edge of your roof structure.

4 Prepare the **Corrapol®-BT Rock N Lock® Wall Flashing**

Cut a mitre edge at the top end of the **Corrapol®-BT Rock N Lock® Wall Flashing** to the same lengths as the front **Corrapol®-BT Rock N Lock® Gable Flashing**.

Flat corrugated edge fixes to the wall/solid surface



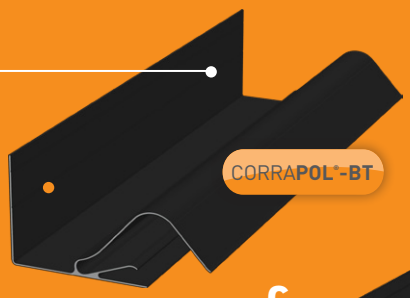
Corrapol®-BT Rock N Lock® Wall Flashing sits directly on timber rafter.

70mm overhang on both sides

Front elevation of the Corrapol®-BT Rock N Lock® Wall Flashing

a

Pre-drill suitable sized pilot holes approximately 250mm apart for fixing the vertical back edge of the **Corrapol®-BT Rock N Lock® Wall Flashing** to the wall or solid surface.
(Fixing to be supplied by installer]

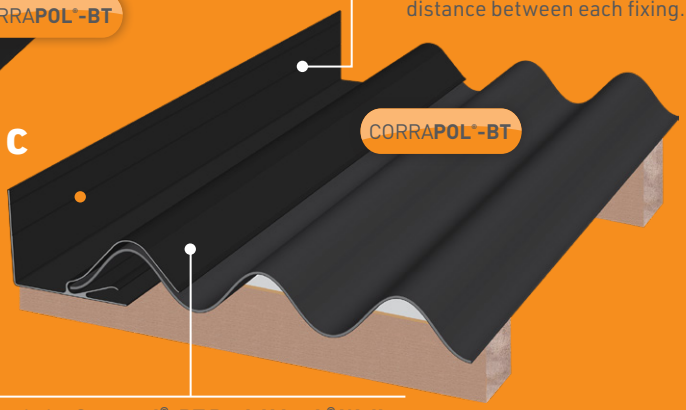


Fix the **Corrapol®-BT Rock N Lock® Wall Flashing** onto the wall using suitable stainless steel screws approximately 250mm distance between each fixing.

b

Tilt the **Corrapol®-BT Rock N Lock® Wall Flashing** to the side and fit the first corrugated sheet peak into the flashing.

c

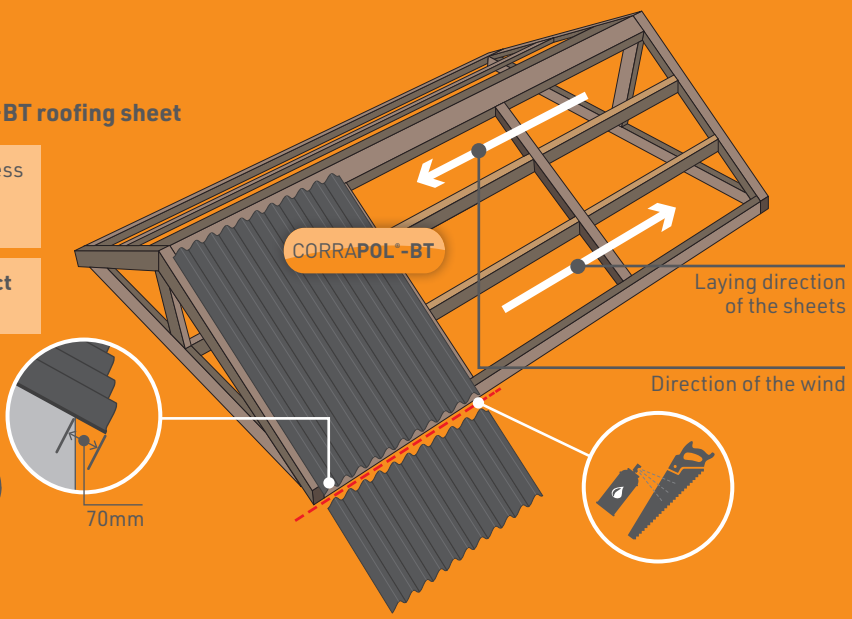


Lock the **Corrapol®-BT Rock N Lock® Wall Flashing** into place giving a waterproof and visually pleasing finish to the wall edge of your roof structure.

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

Measure, mark up the new length then cut off the excess roofing sheet with a lubricated universal bladed hand held saw allowing an **overlap eave of 70mm MAX.**

Cut all the remaining corrugated sheets to the correct length before starting the installation of your roof.

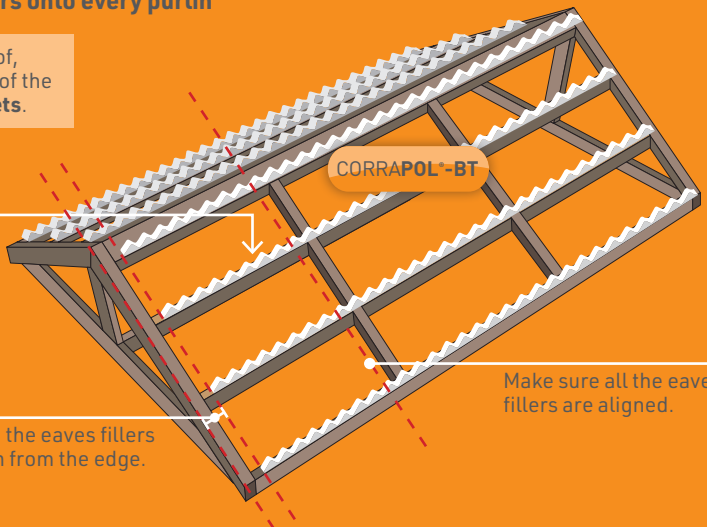


Video: **How 2 Cut Corrugated Roof Sheets**

6 Fix in place the Corrapol®-BT Foam Eaves Fillers onto every purlin

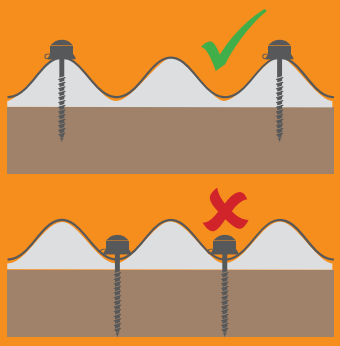
IMPORTANT – To keep the roof watertight and weatherproof, install **Corrapol®-BT Eaves Fillers** along every fixing point of the roof and **fix in place before installation of the roofing sheets**.

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 draughts etc.



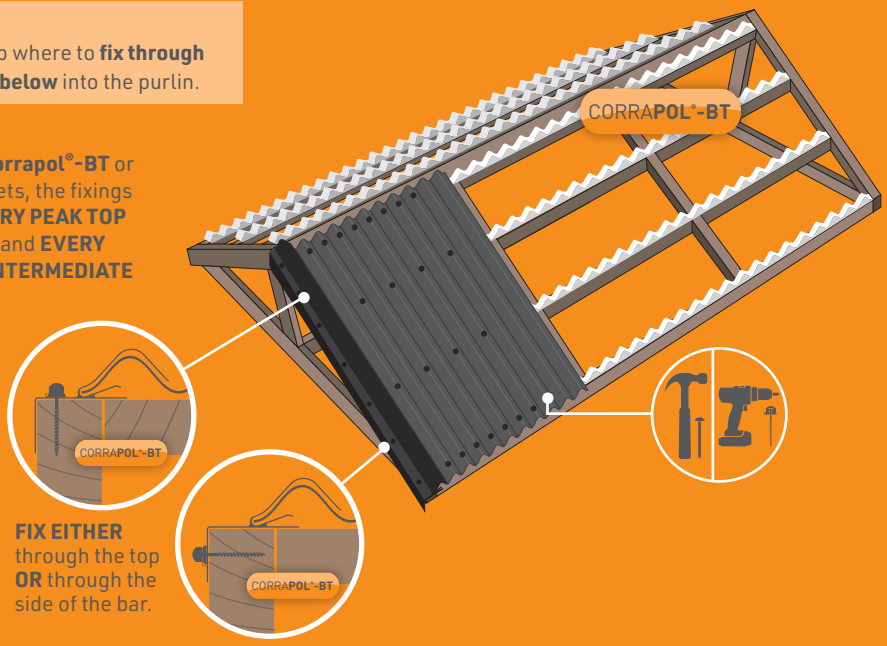
7 Fit in place the **Corrapol®-BT Rock N Lock® Wall Flashing** and **FIRST Corrugated Sheet**

TOP TIP:
Use a **long straight edge/piece of wood** to mark up where to **fix through** the **Corrapol®-BT sheet** and the **foam eaves filler below** into the purlin.



When fixing **Corrapol®-BT** or **Awnapol®** sheets, the fixings should be **EVERY PEAK TOP AND BOTTOM** and **EVERY SECOND ON INTERMEDIATE PURLINS.**

NEVER THROUGH THE TROUGH



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

Video: **How 2 Fix Corrugated Roof Sheets**

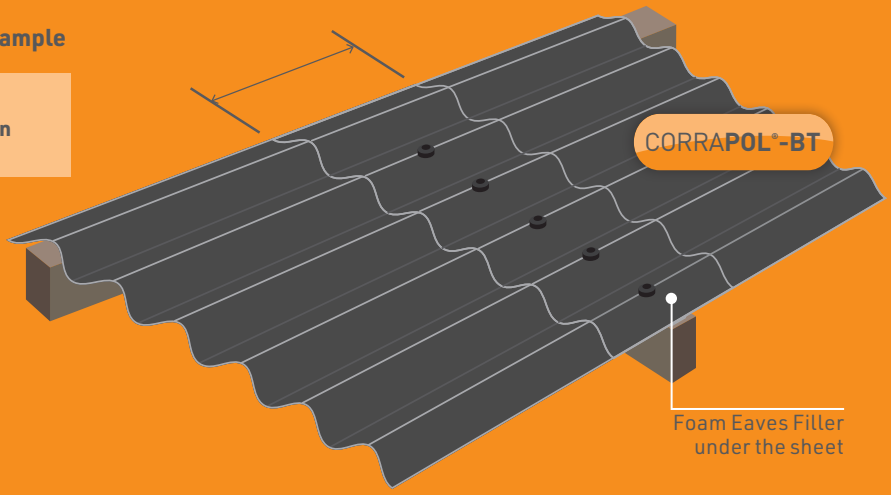
8 Prepare the **FINAL Corrapol®-BT roofing sheets** for both sides

Using the **Corrapol®-BT Rock N'Lock Gable Flashing** you should never need to make a vertical cut as there is flexibility on the width designed into the flashing.

Refer to point **number 2 of installation guide** for overlap details

9 Joining Sheets - end to end overlap example

JOINING SHEETS (END TO END):
If sheets need to be joined end to end, **ensure an appropriate overlap, refer to details in Step 2**.



Foam Eaves Filler under the sheet

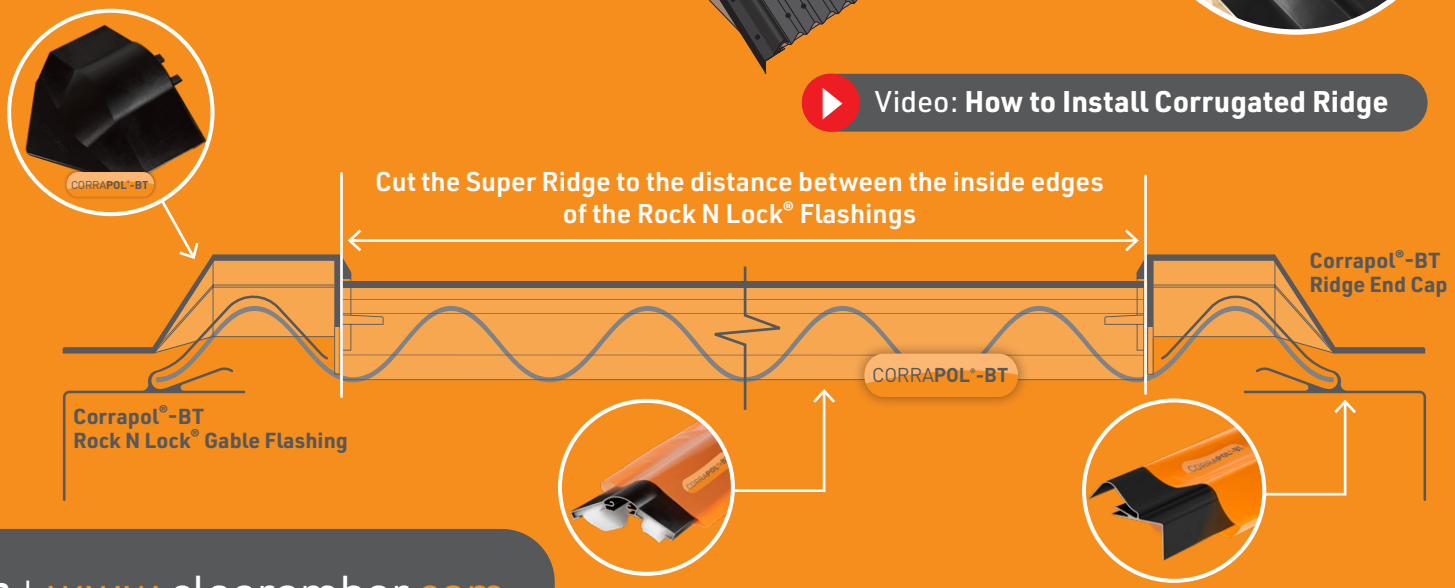
10 Fit the **Corrapol®-BT Rock N Lock® Gable Flashing** and **Corrugated Sheets**

Fit the remaining **Corrapol®-BT Corrugate Sheets** plus **Corrapol®-BT Rock N Lock® Gable** and **Wall Flashing** as shown in parts 3 and 4.

11 Install the **Corrapol®-BT Super Ridge** and **End Caps**

1. **Measure** and **Cut** the Corrapol®-BT Super Ridge to length. This should be the distance between the inside of the Rock N Lock® flashings. Use a saw suitable metal blade.
2. **Pre-drill 5mm pilot holes approximately 250mm apart along the ridge.**
3. **Slide the Foam Gaskets** into the two side slots and place the ridge on the roof.
4. Apply **Securbond® Silicone Sealant** to the back face of the **Super Ridge End Cap** and push into place.
5. Finally, **screw the Super Ridge** into place to secure.

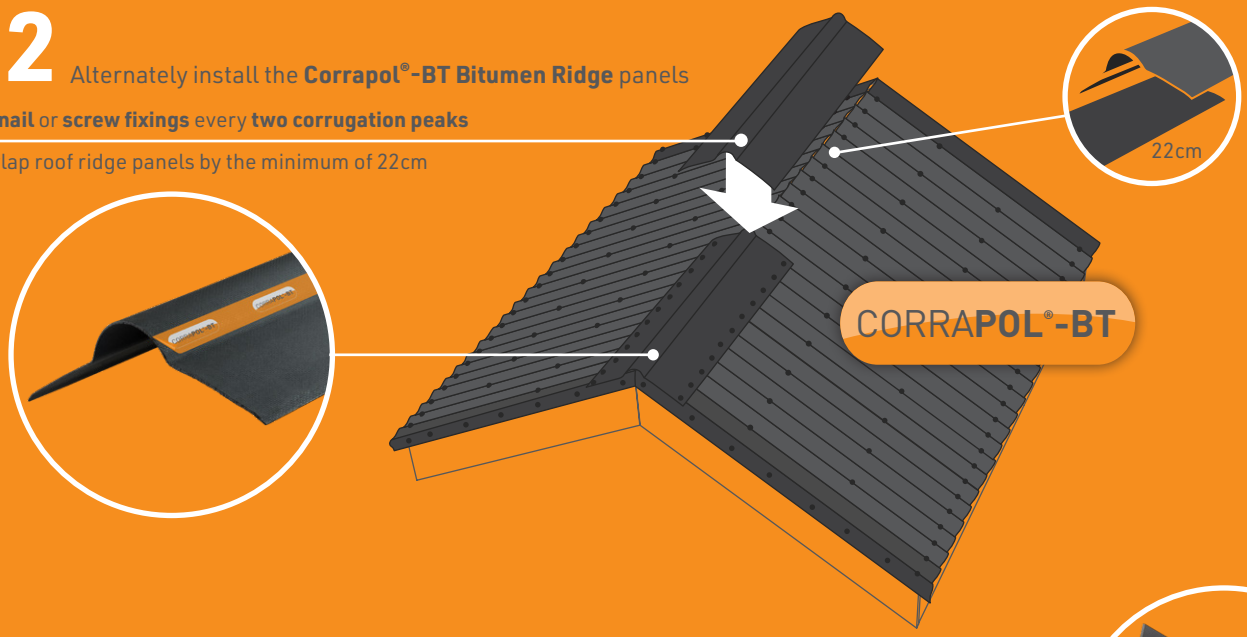
Video: **How to Install Corrugated Ridge**



12 Alternately install the **Corrapol®-BT Bitumen Ridge** panels

Use **nail** or **screw fixings** every **two corrugation peaks**

Overlap roof ridge panels by the minimum of 22cm

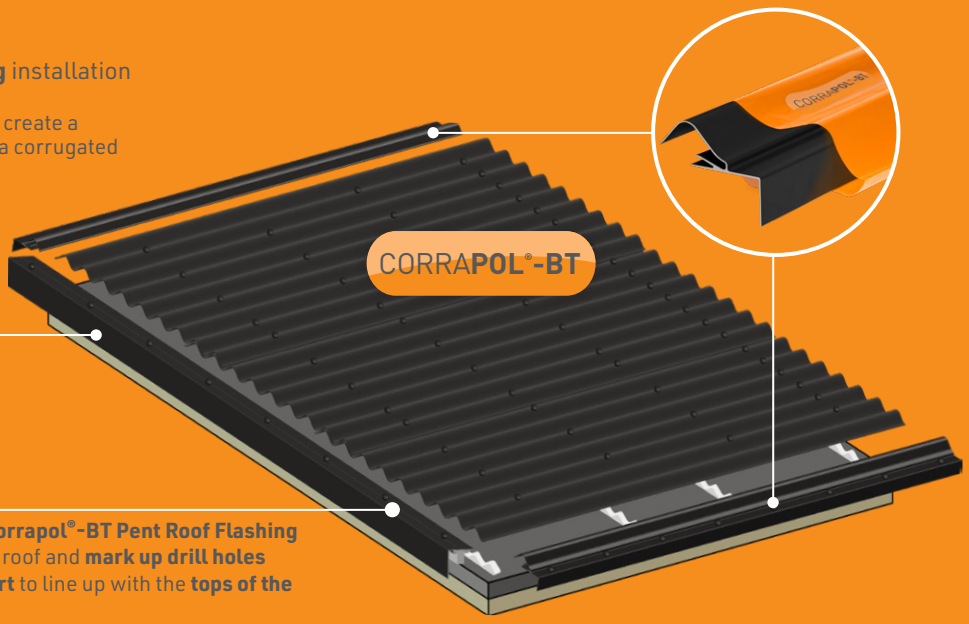


13 Finish of the back wall edge of a Lean-to roof using the **Corrapol®-BT Top Wall Flashing**

14 Corrapol®-BT Pent Roof Flashing installation

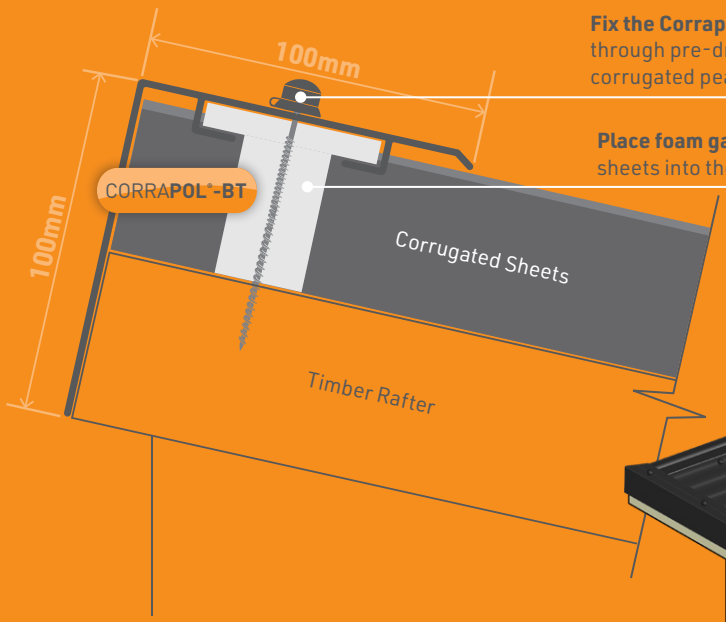
Corrapol®-BT Pent Roof Flashing is designed to create a watertight and robust seal on the upper edge of a corrugated pent roof.

Measure and cut the width of the **Corrapol®-BT Pent Roof Flashing** so the outside edges of the flashing covers the **Corrapol®-BT Rock N Lock® Gable and Wall Flashing**.



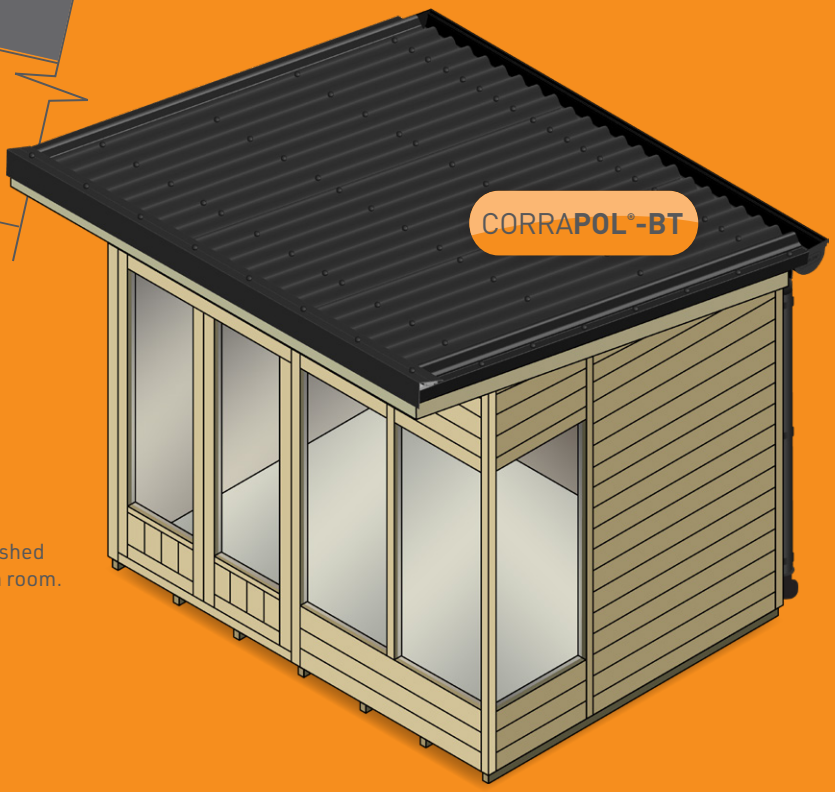
Place the pre-cut Corrapol®-BT Pent Roof Flashing onto the front of the roof and **mark up drill holes approx. 250mm apart** to line up with the **tops of the corrugated peaks**.

Remove the bar and drill approx. **4mm pilot holes** to accept the **Corrapol®-BT Flexi Cap screws**. Use a HSS drill bit for this.



Fix the Corrapol®-BT Pent Roof Flashing through pre-drilled pilot holes, the sheet corrugated peak and the foam eaves filler.

Place foam gasket designed for securing sheets into the slot under the bar.



Example of a finished pent roof garden room.

WARNING : REGISTERED DESIGNS & PATENTS

The IP of the designs in this brochure are protected by internationally registered design rights. Many products are also protected with active or pending Patents. Clear Amber will not hesitate to take appropriate legal action if its rights in this respect are infringed.

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.

clearamber group
manufacturing your leading advantage