

# CORRAPOL<sup>®</sup>-BT

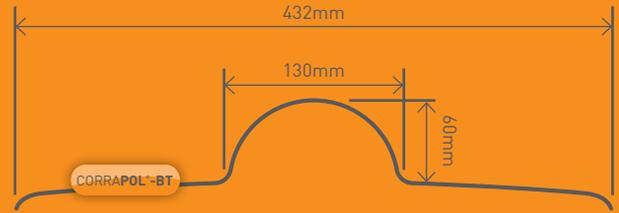
## Durable Bitumen **Corrugated Sheet** Installation Guide



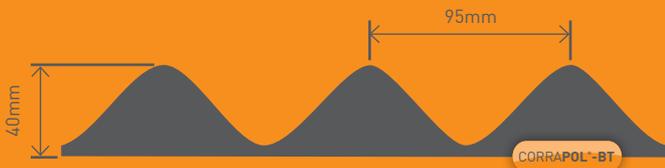
## CORRAPOL®-BT : Installation Guide



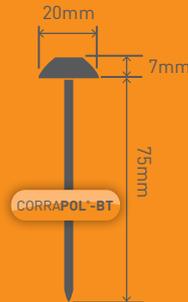
CORRAPOL-BT Corrugated Bitumen Sheet



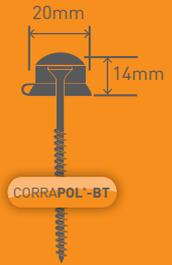
CORRAPOL-BT Corrugated Bitumen Roof Budget Ridge



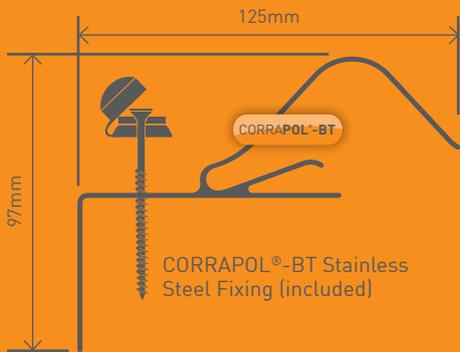
CORRAPOL-BT Foam Eaves filler



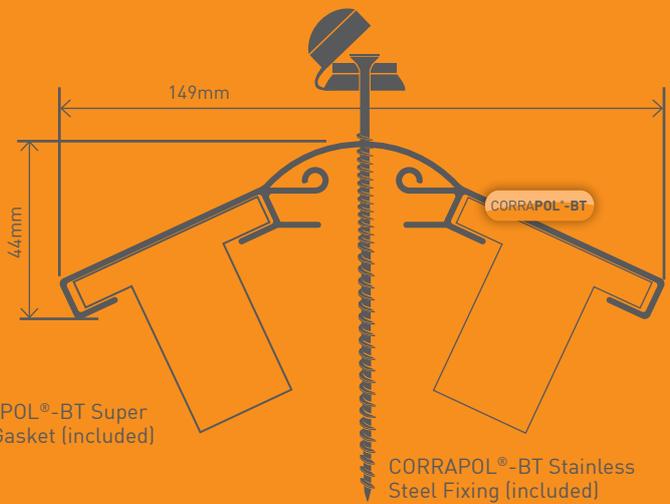
Plastic Headed Nails



Screw Cap Fixings



CORRAPOL-BT Rock n' Lock Side Flashing



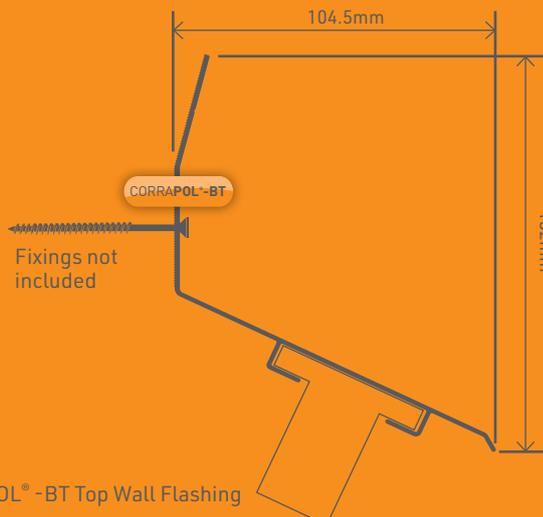
CORRAPOL®-BT Super Ridge Gasket (included)

CORRAPOL-BT Super Ridge

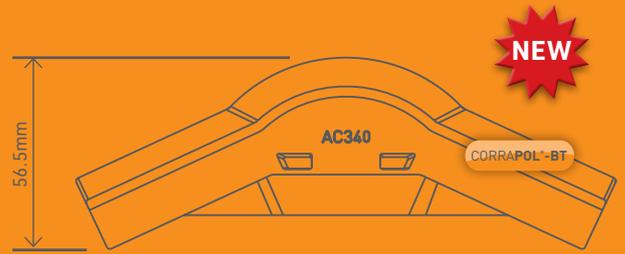
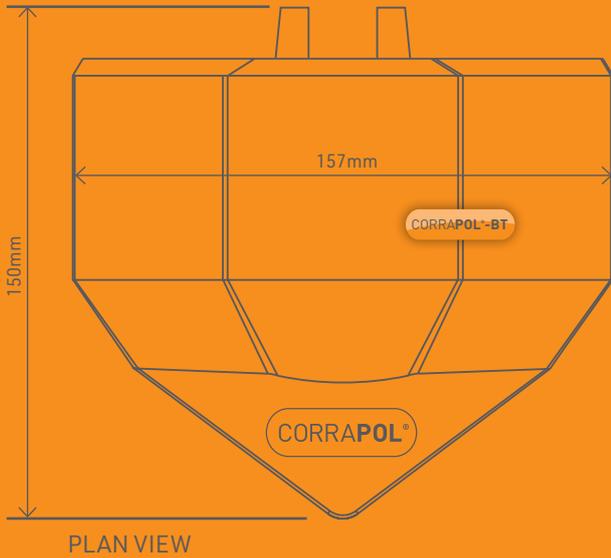
CORRAPOL®-BT Stainless Steel Fixing (included)



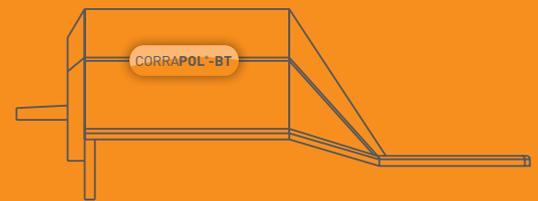
CORRAPOL® -BT Rock n' Lock Wall Side Flashing



CORRAPOL® -BT Top Wall Flashing



BACK VIEW



SIDE ELEVATION

CORRAPOL®-BT Super Ridge End Cap

Tools required



Wear protective gloves and glasses.



Clamp, fine toothed bladed jigsaw and tin snips.



Fine toothed bladed Chop Saw

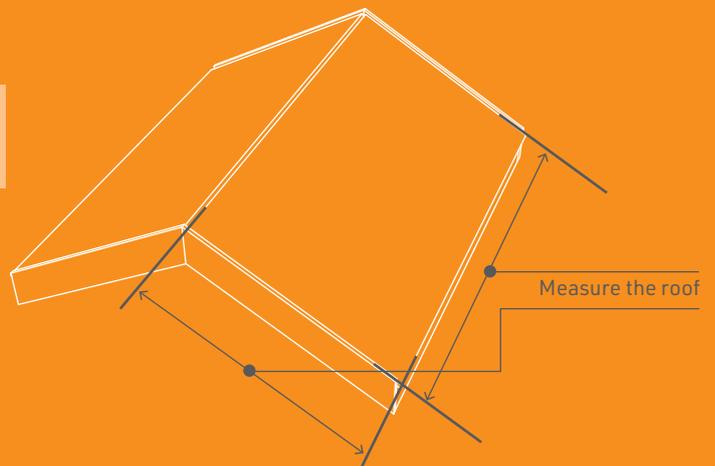


A hammer, cordless screwdriver/drill, tape measure a straight edge tool and suitable sealant / sealant gun.

Installation

**1** MEASURE the roof

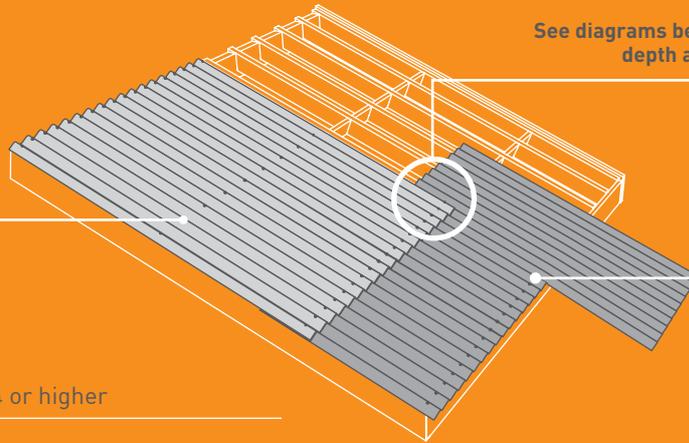
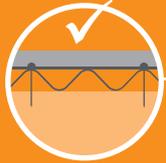
**IMPORTANT** - Take all **MEASUREMENTS** of the roof so you can work out the correct plan for the sheet coverage. Allow an **extra 70mm overhang** on the slope length for the sheet overhang.



## 2 DETERMINE OVERLAPS for larger slopes

See diagrams below for overlap, depth and angle details

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

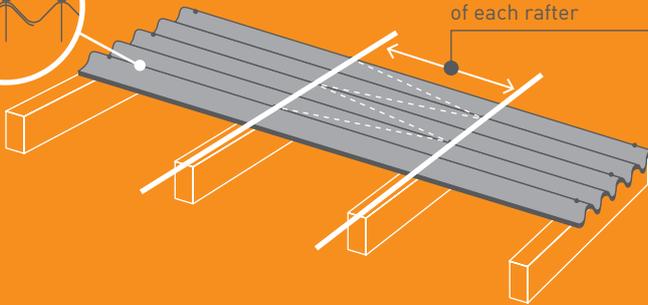


### Roof slopes of 15° or greater: Gradients of 1 in 4 or higher

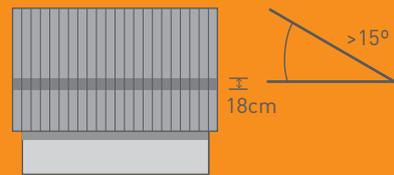


Overlap every sheet by **one** corrugation peak

Maximum distance of **50cm** from the centre of each rafter



#### Overlapping sheets

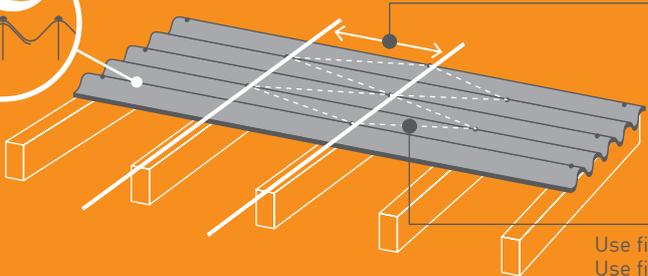


### Roof slopes of 10° – 15°: Gradients of 1 in 6 – 1 in 4

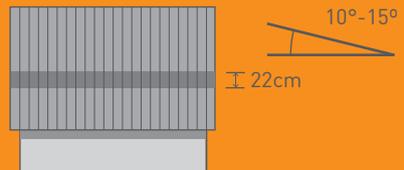


Overlap every sheet by **one** corrugation peak

Maximum distance of **40cm** from the centre of each rafter



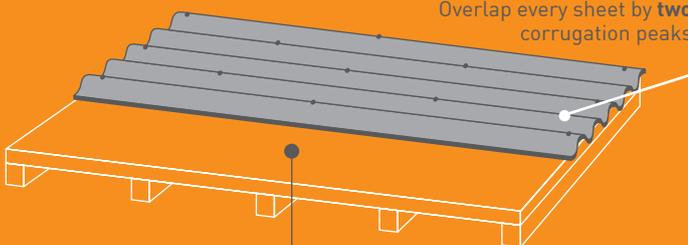
#### Overlapping sheets



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

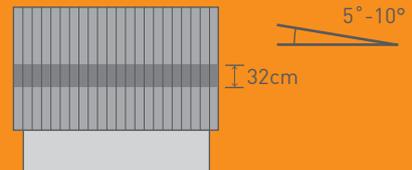
### Roof slopes of 5° – 10°: Gradients of 1 in 11 – 1 in 6

Overlap every sheet by **two** corrugation peaks



Fully supported timber boarded roof deck

#### Overlapping sheets



### 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 draughts etc.

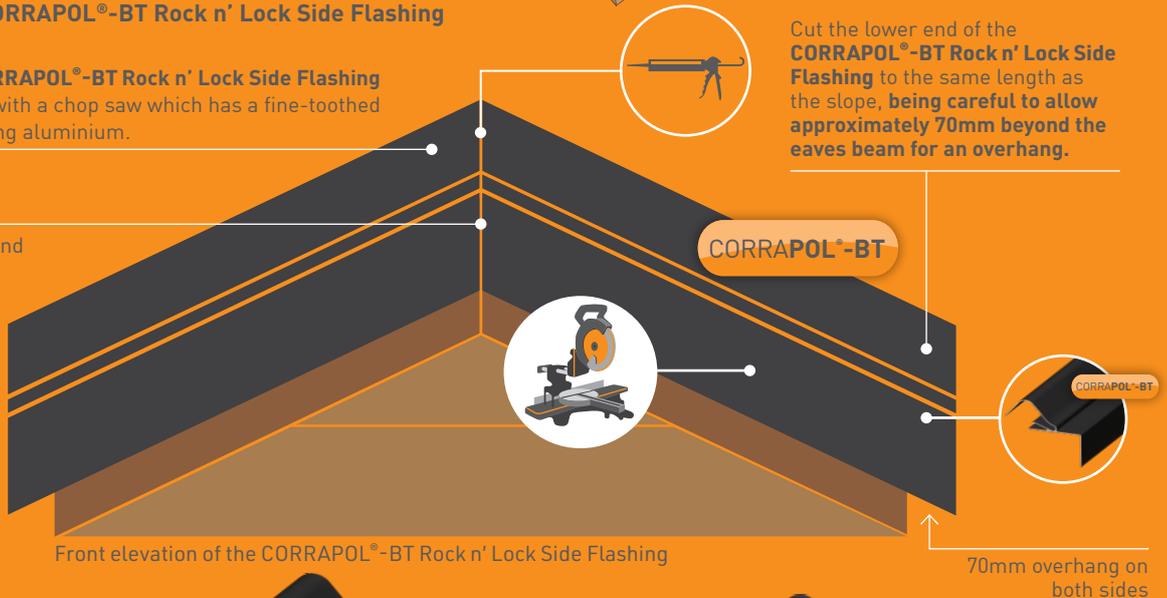


### 4 Prepare the CORRAPOL®-BT Rock n' Lock Side Flashing

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



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



**STRAIGHTEN** and **LOCK** the **CORRAPOL®-BT Rock n' Lock Side Flashing** into place giving a perfect finish to the edge of your roof structure.

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

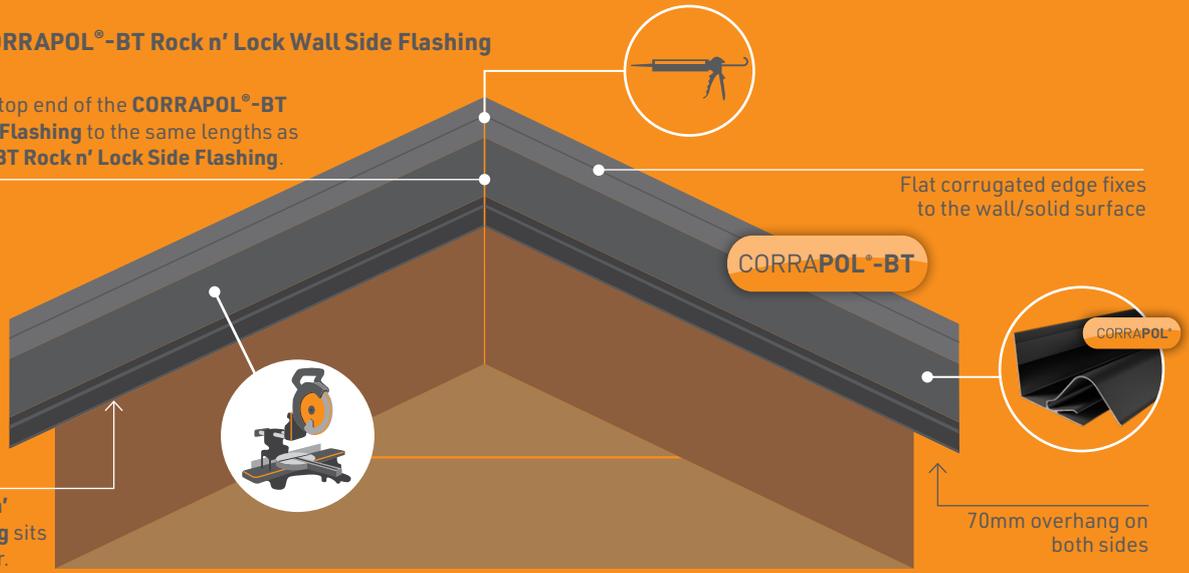
## 5

Prepare the **CORRAPOL®-BT Rock n' Lock Wall Side Flashing**

Cut a mitre edge at the top end of the **CORRAPOL®-BT Rock n' Lock Wall Side Flashing** to the same lengths as the front **CORRAPOL®-BT Rock n' Lock Side Flashing**.

**CORRAPOL®-BT Rock n' Lock Wall Side Flashing** sits directly on timber rafter.

Front elevation of the **CORRAPOL®-BT Rock n' Lock Wall Side 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 Side Flashing** to the wall or solid surface. *(Fixing to be supplied by installer)*

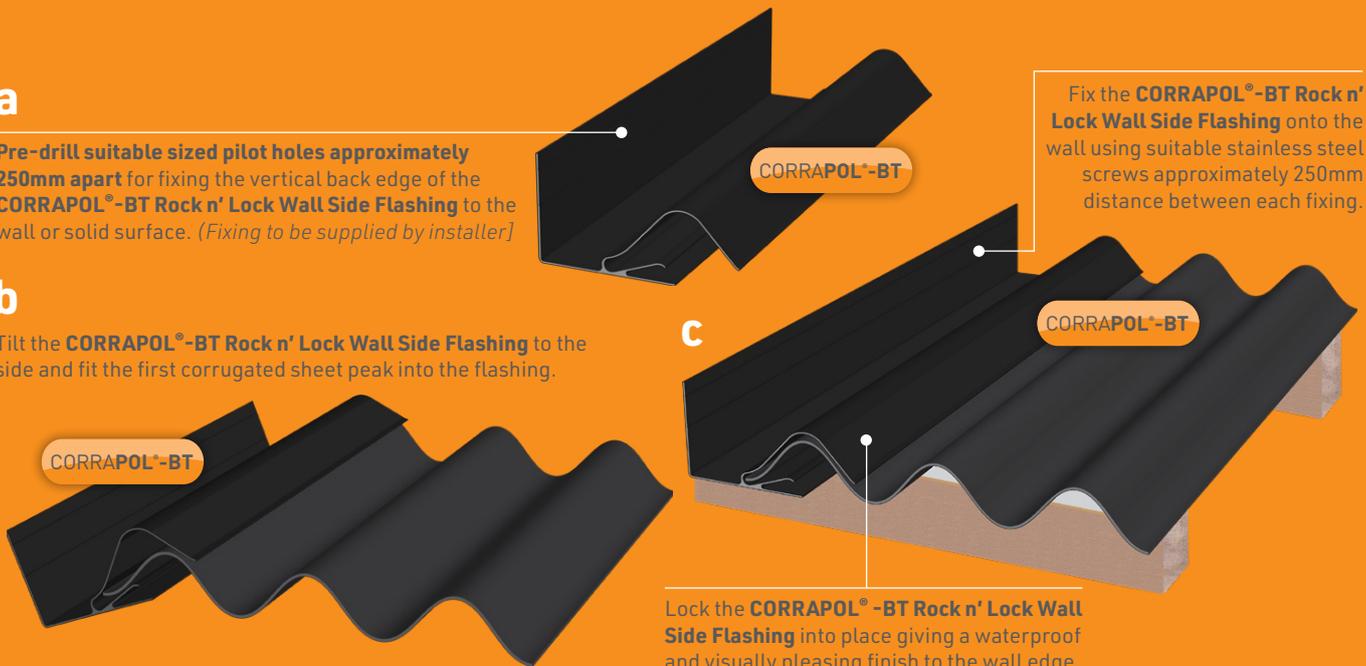
Fix the **CORRAPOL®-BT Rock n' Lock Wall Side Flashing** onto the wall using suitable stainless steel screws approximately **250mm** distance between each fixing.

### b

Tilt the **CORRAPOL®-BT Rock n' Lock Wall Side Flashing** to the side and fit the first corrugated sheet peak into the flashing.

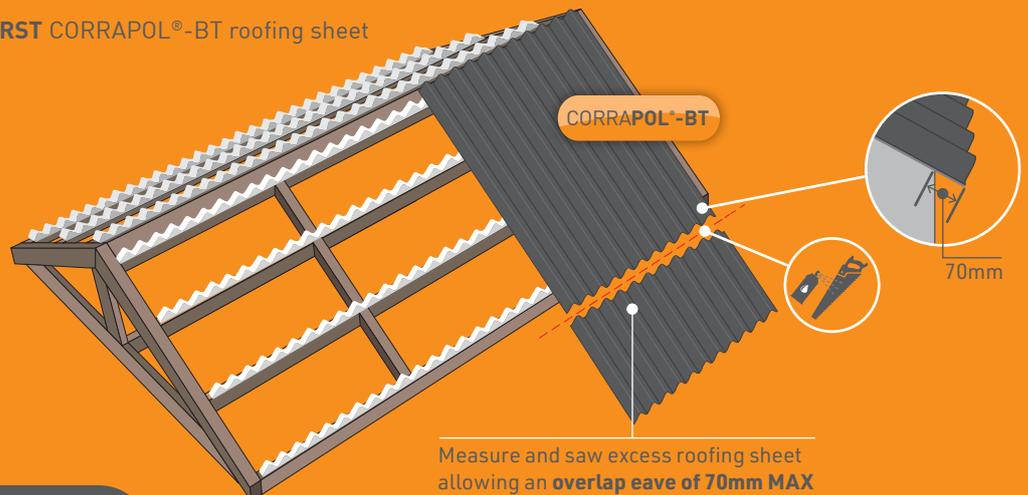
### c

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



## 6

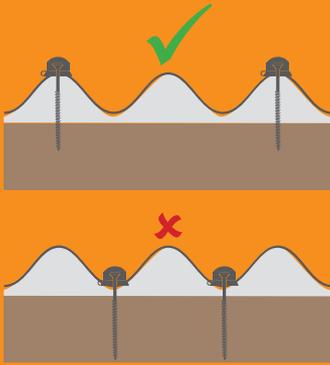
**MEASURE** and **CUT** the **FIRST CORRAPOL®-BT roofing sheet**



Measure and saw excess roofing sheet allowing an **overlap eave of 70mm MAX**

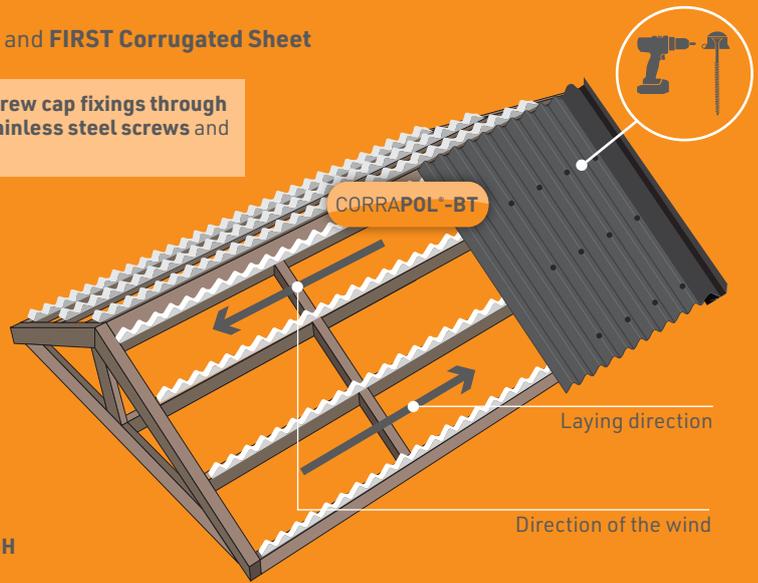
## 7 Fit the CORRAPOL®-BT Rock n' Lock Wall Side Flashing and FIRST Corrugated Sheet

**IMPORTANT:** Make sure you use either plastic headed nails OR screw cap fixings through the corrugation peak and not the trough. Fix with the supplied stainless steel screws and CORRAPOL® screw caps.



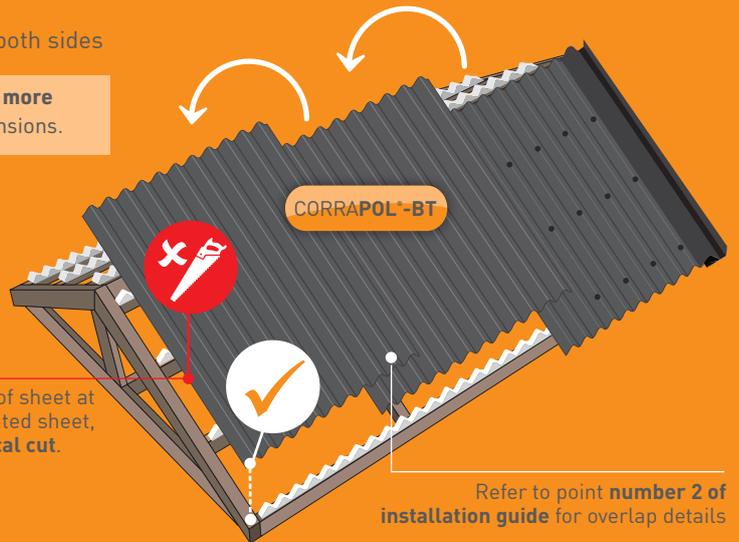
Fit **EITHER** roof nails **OR** screw cap fixings at **EVERY SECOND CORRUGATION PEAK** at each of the purlins, plus the top and bottom of the roof structure.

**NEVER THROUGH THE TROUGH**



## 8 Prepare the FINAL CORRAPOL®-BT roofing sheets for both sides

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



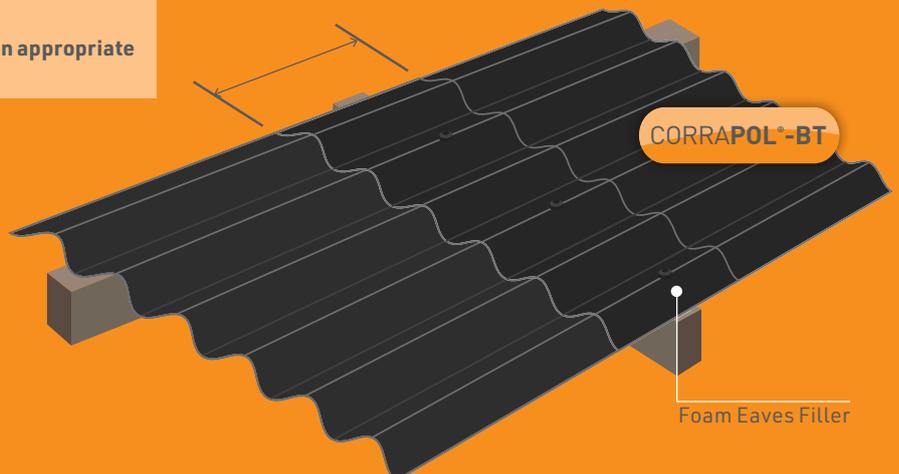
Always finish the roof sheet at the end of a corrugated sheet, never make a vertical cut.

Refer to point number 2 of installation guide for overlap details

## 9 Joint 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.



## 10

Fit the **CORRAPOL®-BT Rock n' Lock Side Flashing** and **Corrugated 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.

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



## 11

Install the **NEW CORRAPOL®-BT Super Ridge and End Caps**

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

Pre-drill 5mm pilot holes approximately 250mm apart on the top of the **CORRAPOL®-BT Super Ridge**.

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

Fit the **CORRAPOL®-BT Super Ridge End Caps** onto either end of the **CORRAPOL®-BT Super Ridge** before fixing onto the peak of the roof.



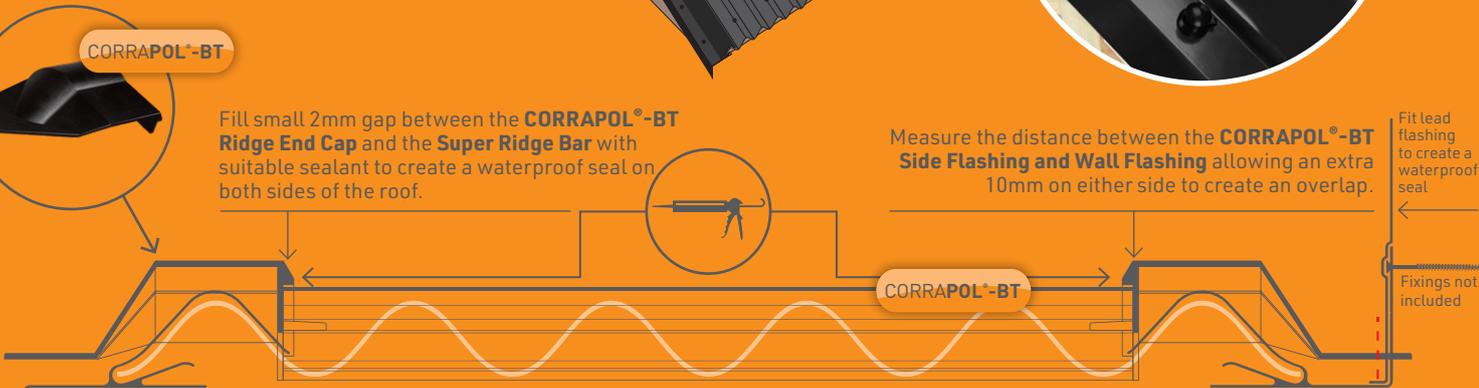
CORRAPOL®-BT

Fill small 2mm gap between the **CORRAPOL®-BT Ridge End Cap** and the **Super Ridge Bar** with suitable sealant to create a waterproof seal on both sides of the roof.

Measure the distance between the **CORRAPOL®-BT Side Flashing** and **Wall Flashing** allowing an extra 10mm on either side to create an overlap.

Fit lead flashing to create a waterproof seal

Fixings not included



Once the End Caps and Ridge Bar are fully sealed fit onto the peak of the roof

Section view of the **CORRAPOL®-BT Super Ridge Bar** and the **CORRAPOL®-BT Super Ridge End Caps** in place

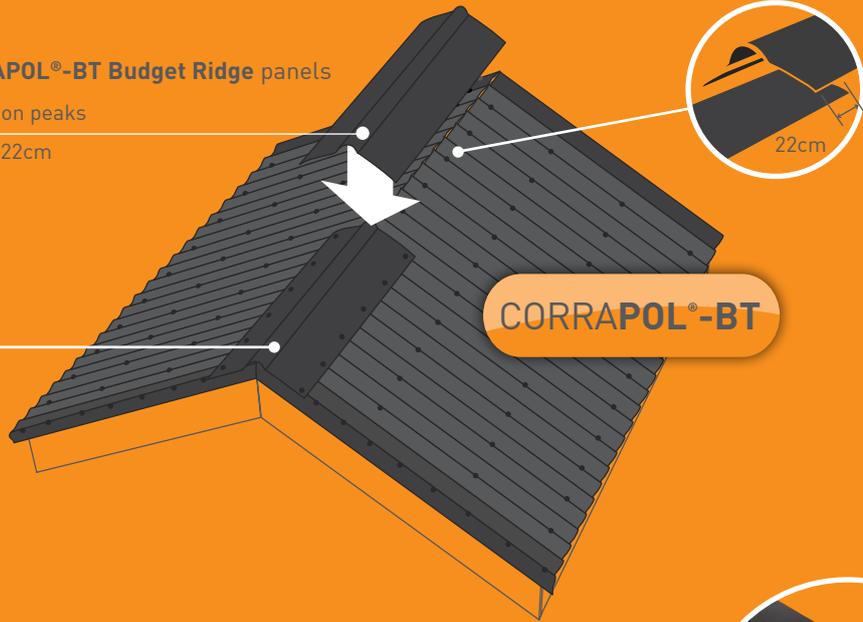
Cut the end tip of the **CORRAPOL®-BT Ridge End Cap** to fit the space at the back of the **Wall Flashing**

# 12

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



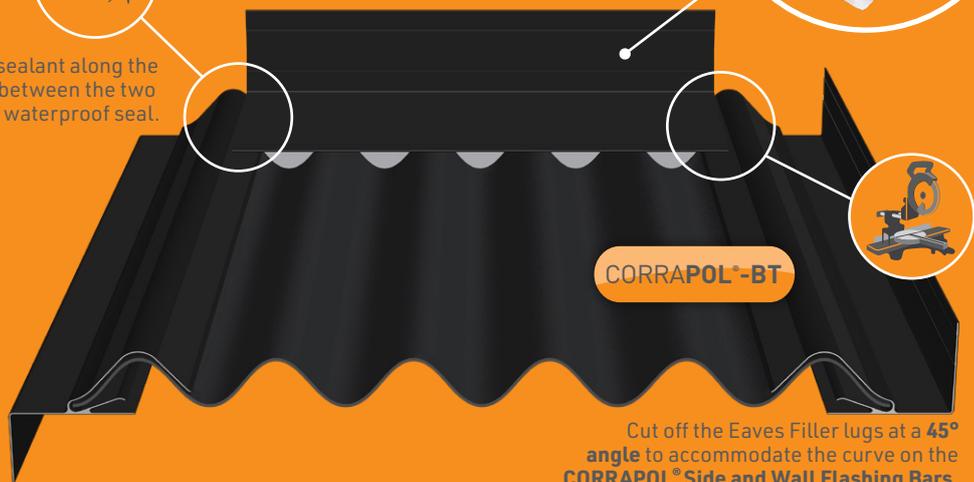
# 13

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

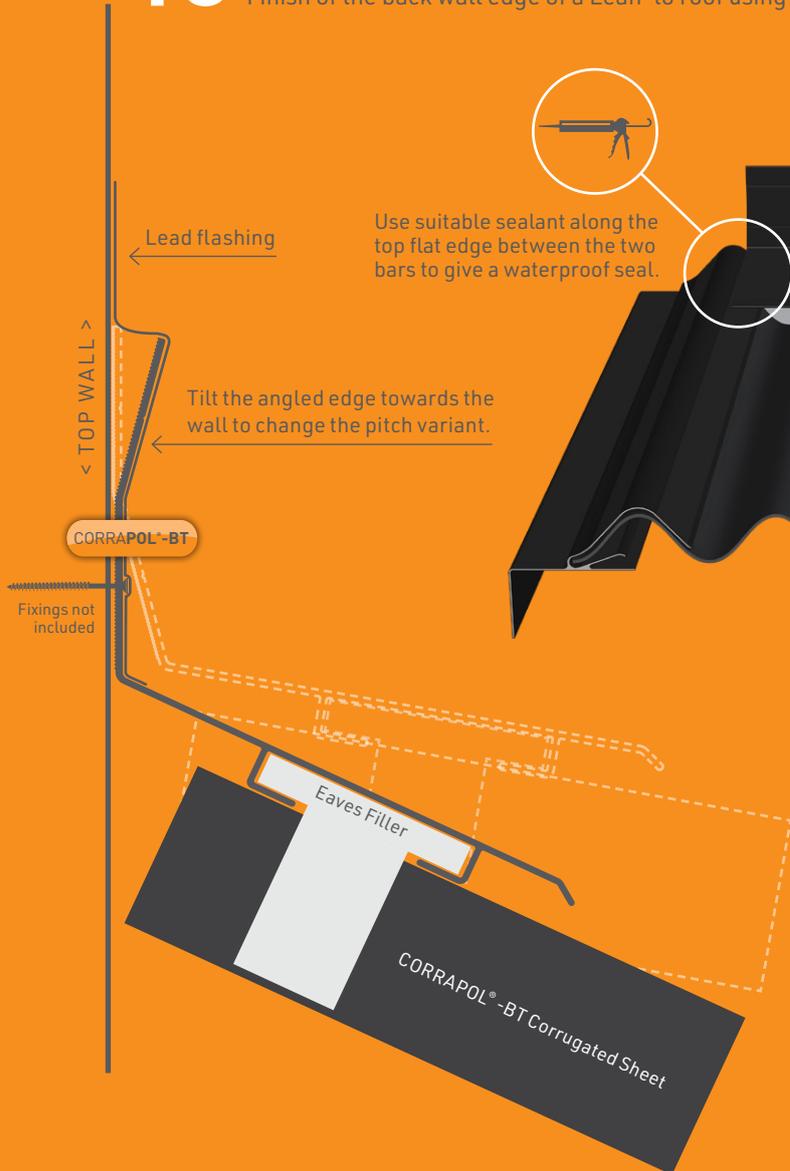
Use suitable sealant along the top flat edge between the two bars to give a waterproof seal.

Tilt the angled edge towards the wall to change the pitch variant.

Lead flashing



Cut off the Eaves Filler lugs at a **45° angle** to accommodate the curve on the **CORRAPOL® Side and Wall Flashing Bars**.



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