CORRAPOL®
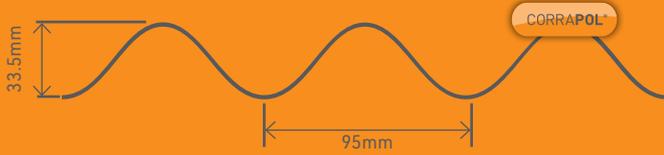
Clear **Corrugated Sheet Ranges**
Installation Guide
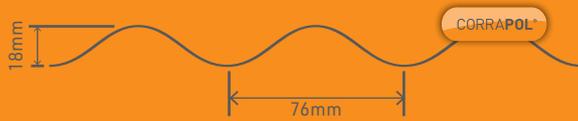
CORRAPOL®

CORRAPOL®

CORRAPOL® : Installation Guide

CORRAPOL® High Profile Corrugated Sheet

33.5mm
95mm
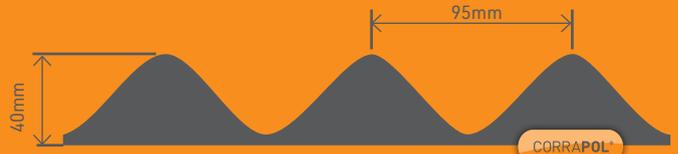
CORRAPOL® High Profile Foam Eaves Filler

95mm
40mm

CORRAPOL® Low Profile Corrugated Sheet

18mm
76mm
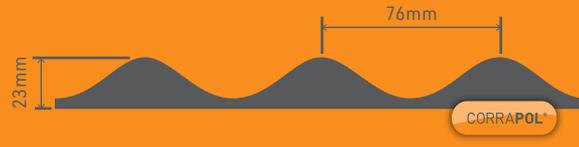
CORRAPOL® Low Profile Eaves Filler
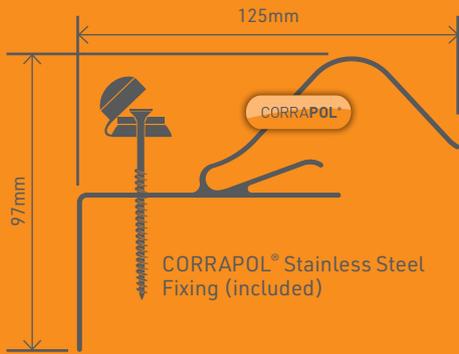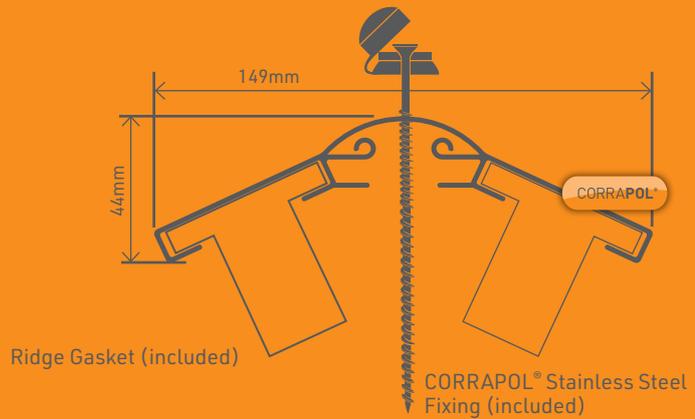
76mm
23mm

Screw Cap Fixings

20mm
14mm

CORRAPOL® Rock n' Lock Side Flashing

125mm
97mm
CORRAPOL® Stainless Steel Fixing (included)

CORRAPOL® Super Ridge Bar

149mm
44mm
Ridge Gasket (included)
CORRAPOL® Stainless Steel Fixing (included)

CORRAPOL® Rock n' Lock Wall Side Flashing

NEW
Fixings not included
125mm
67mm

CORRAPOL® Top Wall Flashing

NEW
104.5mm
132mm
Fixings not included

NEW

157mm

150mm

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PLAN VIEW

56.5mm

AC340

CORRA**POL**®

BACK VIEW

CORRA**POL**®

SIDE ELEVATION
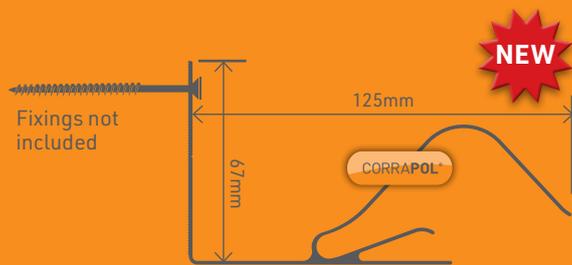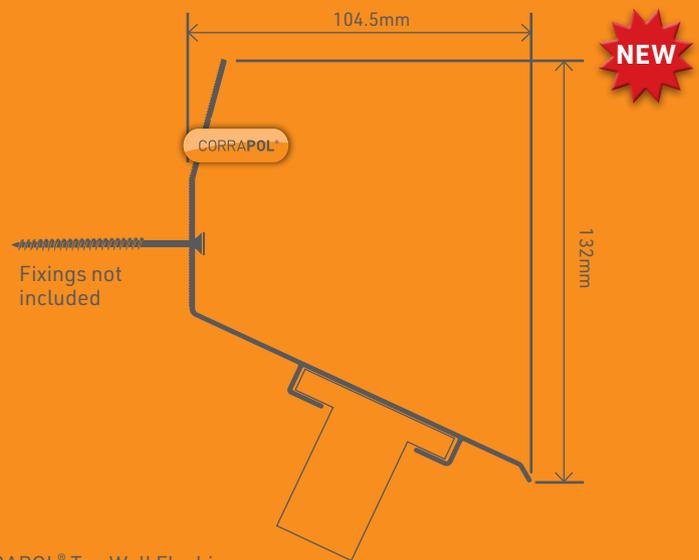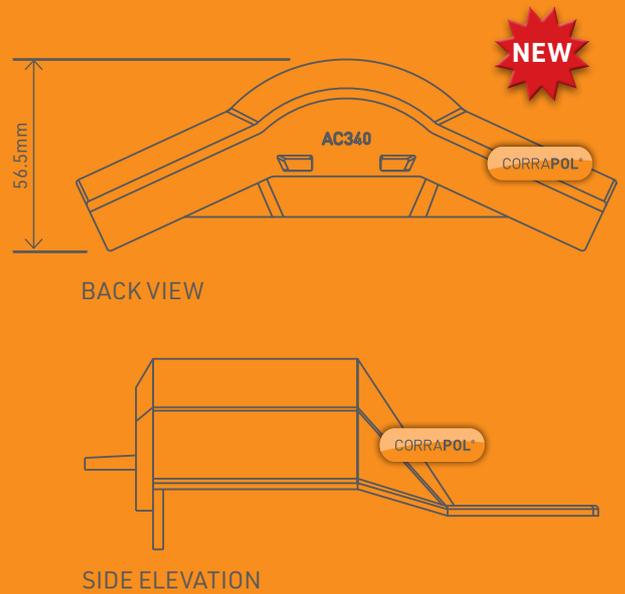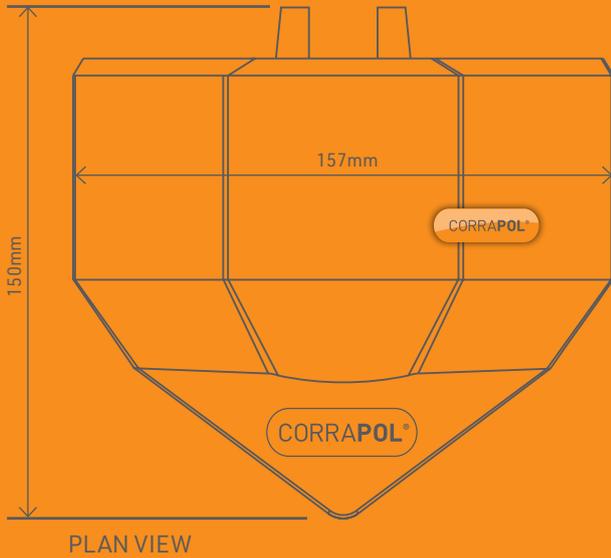
CORRAPOL® Super Ridge End Cap

Tools required

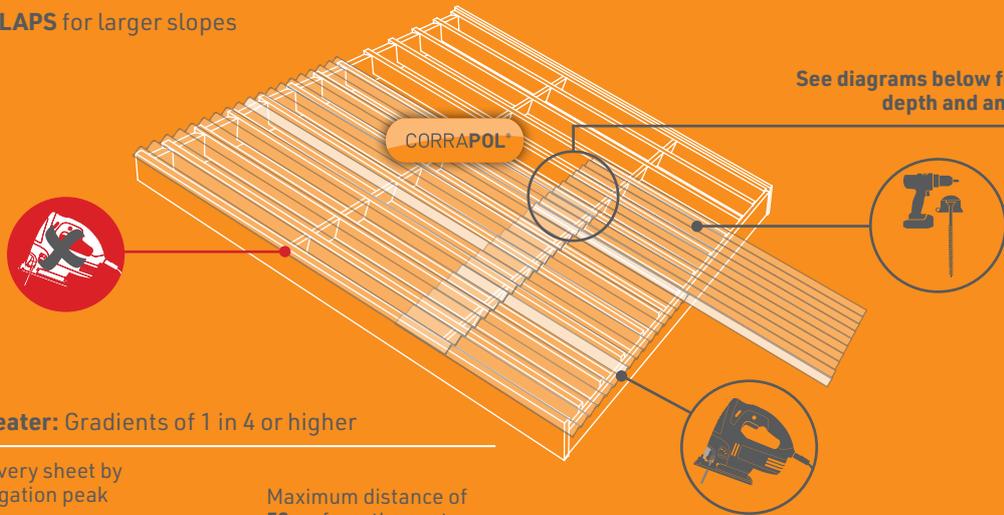|			
Wear protective gloves and glasses.	Clamp, fine toothed bladed jigsaw and tin snips.	Fine toothed bladed Chop Saw	A hammer, cordless screwdriver/drill, tape measure a straight edge tool and suitable sealant / sealant gun.

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.
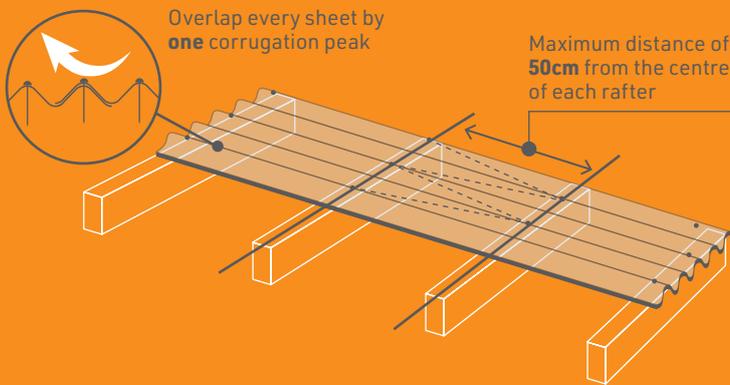
Measure the roof

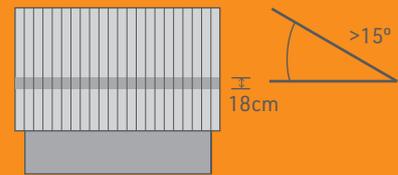# CORRAPOL®
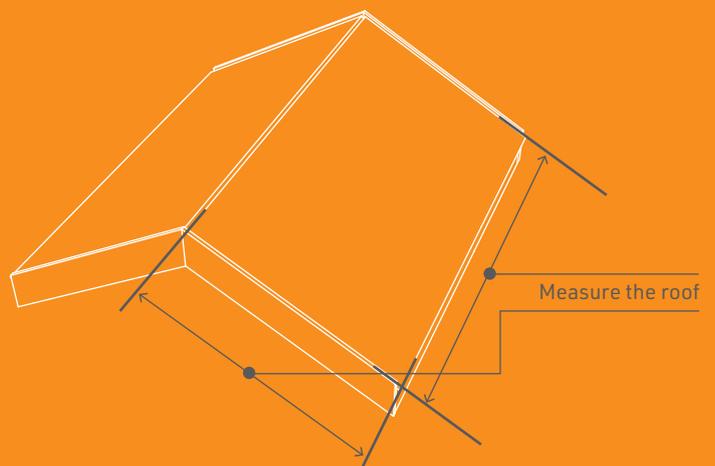
2 DETERMINE OVERLAPS for larger slopes

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See diagrams below for overlap, depth and angle details

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

>15°

18cm

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

10°-15°

22cm
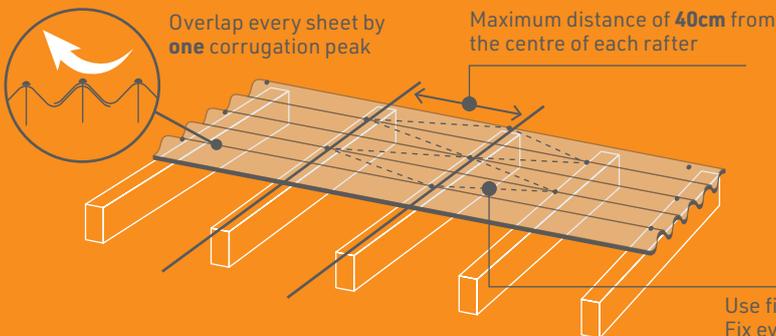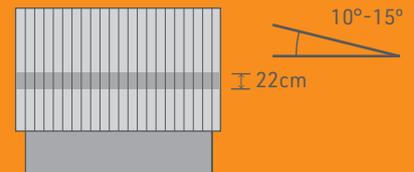
Use fixings sheets every corrugation at the eaves and sheet overlaps. Fix every other corrugation on intermediate purlins.

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

Overlap every sheet by **two** corrugation peaks

Overlapping sheets

5°-10°

32cm

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

3 Install the CORRAPOL® Foam Eaves Fillers

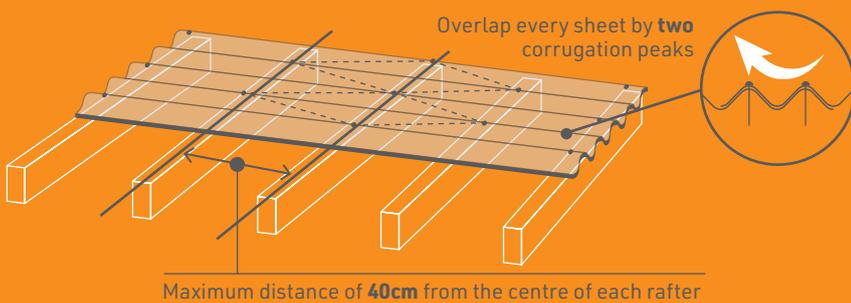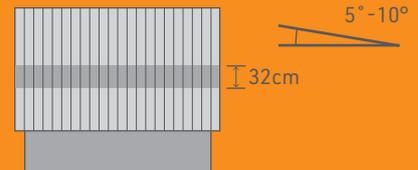**IMPORTANT** – To keep the roof watertight and weatherproof, install **CORRAPOL® Eaves Fillers** along fixing points of the roof.

For best performance and sealing install **CORRAPOL® 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.
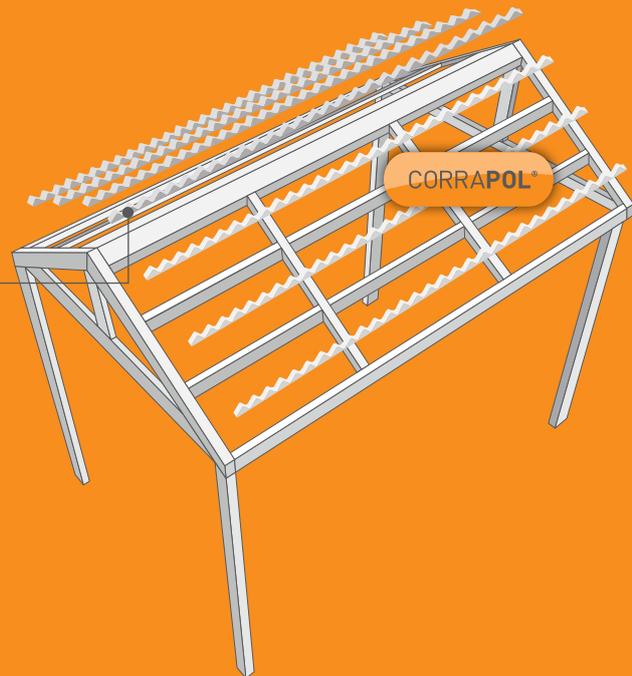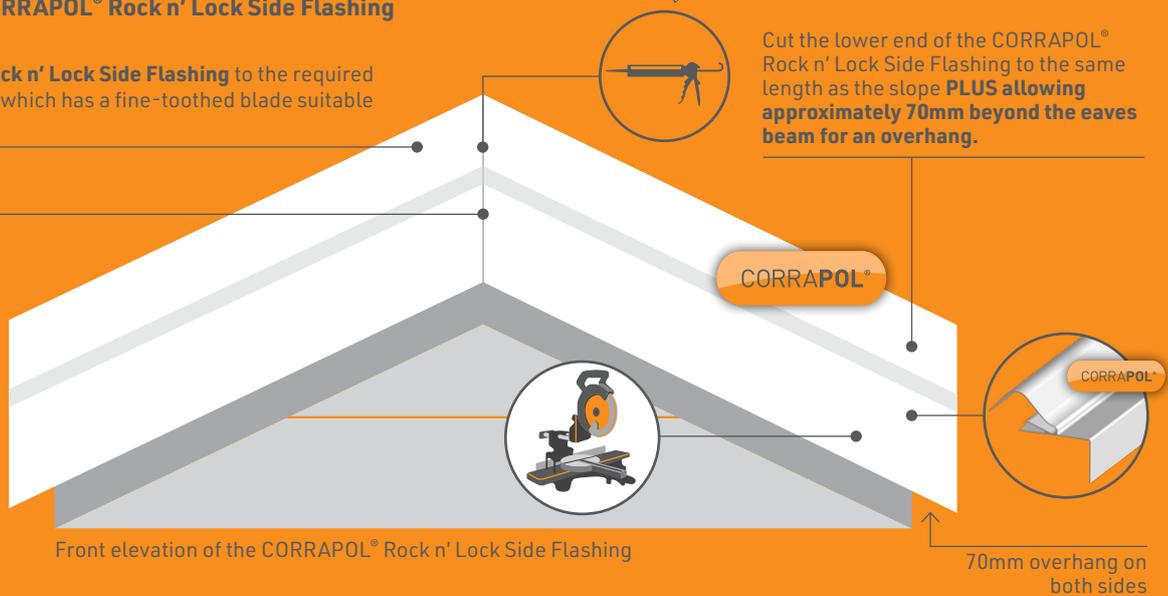
4 Prepare the CORRAPOL® Rock n' Lock Side Flashing

Cut the **CORRAPOL® 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 edge at the top end of the **CORRAPOL® Rock n' Lock Side and Wall 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® Rock n' Lock Side Flashing to the same length as the slope **PLUS allowing approximately 70mm beyond the eaves beam for an overhang.**

Front elevation of the CORRAPOL® Rock n' Lock Side Flashing

70mm overhang on both sides

a

Pre-drill 5mm pilot holes approximately 250mm apart on the **CORRAPOL® Rock n' Lock Side Flashing** on the top flat area or the vertical side.
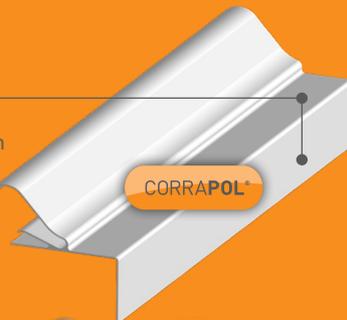
b

c

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

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

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5 Prepare the CORRAPOL® Rock n' Lock Wall Side Flashing

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

Flat corrugated edge fixes to the wall/solid surface

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CORRAPOL®

70mm overhang on both sides

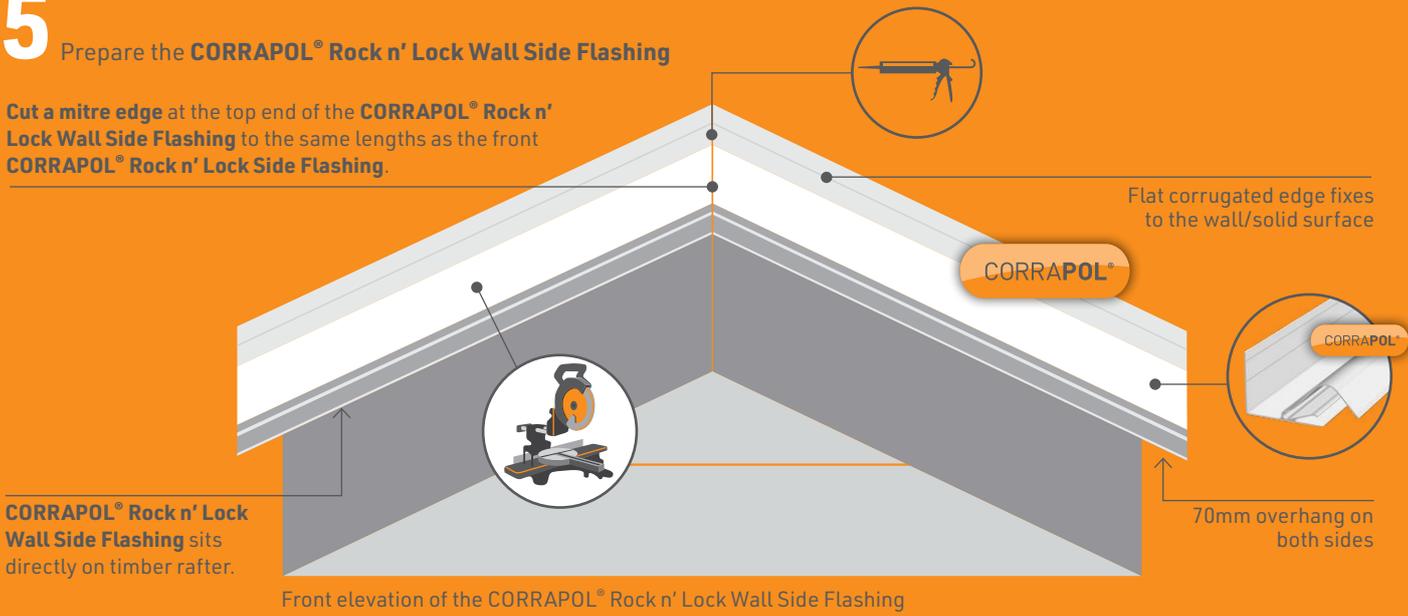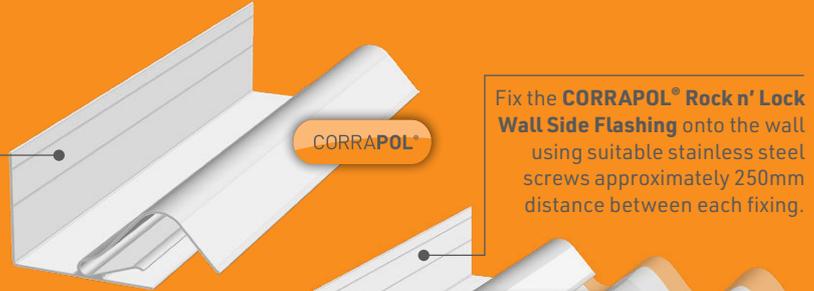**CORRAPOL® Rock n' Lock Wall Side Flashing** sits directly on timber rafter.

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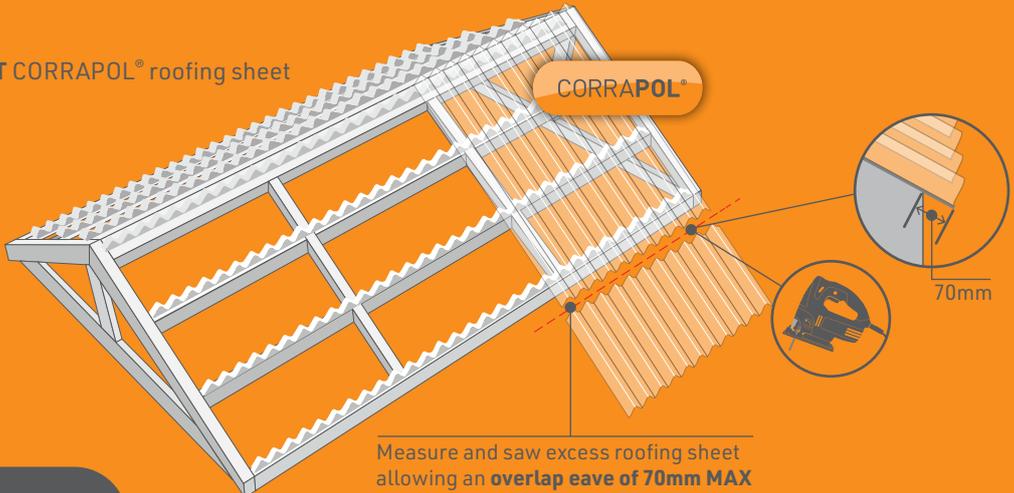
CORRAPOL®

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

b

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

CORRAPOL®

c

CORRAPOL®

Lock the **CORRAPOL® 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® roofing sheet

CORRAPOL®

70mm

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

7 Fit the **CORRAPOL®** 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.
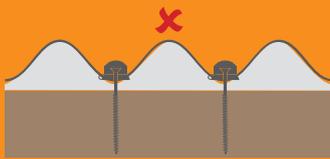
NEVER THROUGH THE TROUGH

Laying direction

Direction of the wind
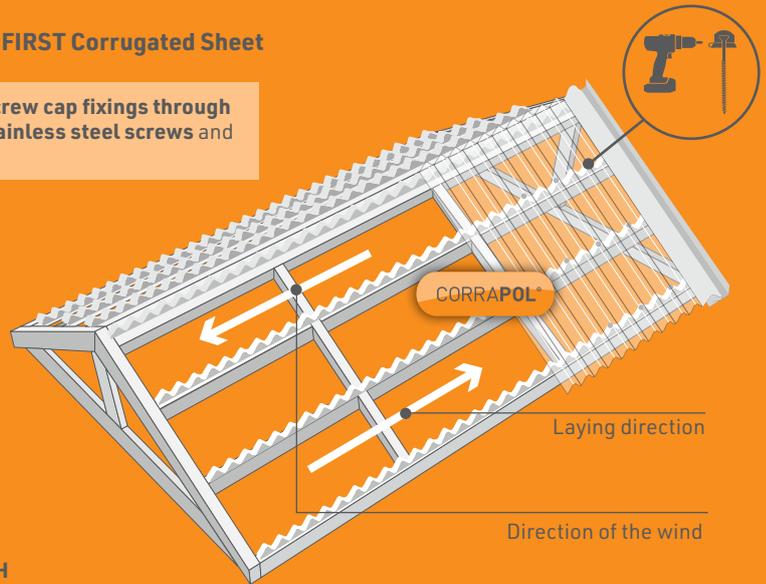
NOTE: It is advised to **predrill an approx. 4mm pilot hole** to accept the **CORRAPOL® Flexi Cap screws**. Use a HSS drill bit for this.

8 Prepare the **FINAL** CORRAPOL® 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.
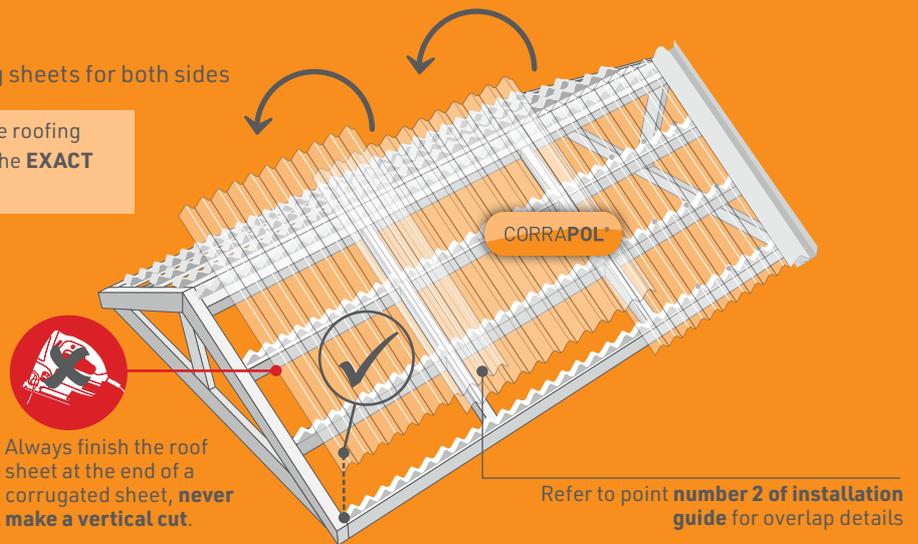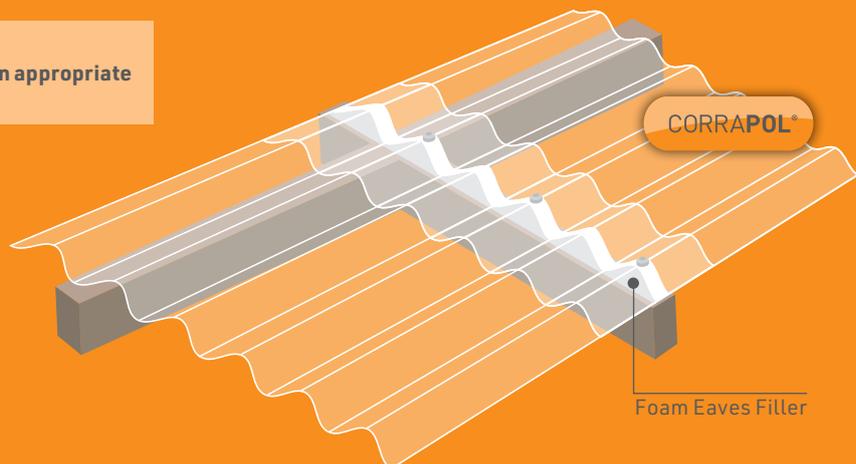
Always finish the roof sheet at the end of a corrugated sheet, **never make a vertical cut**.

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

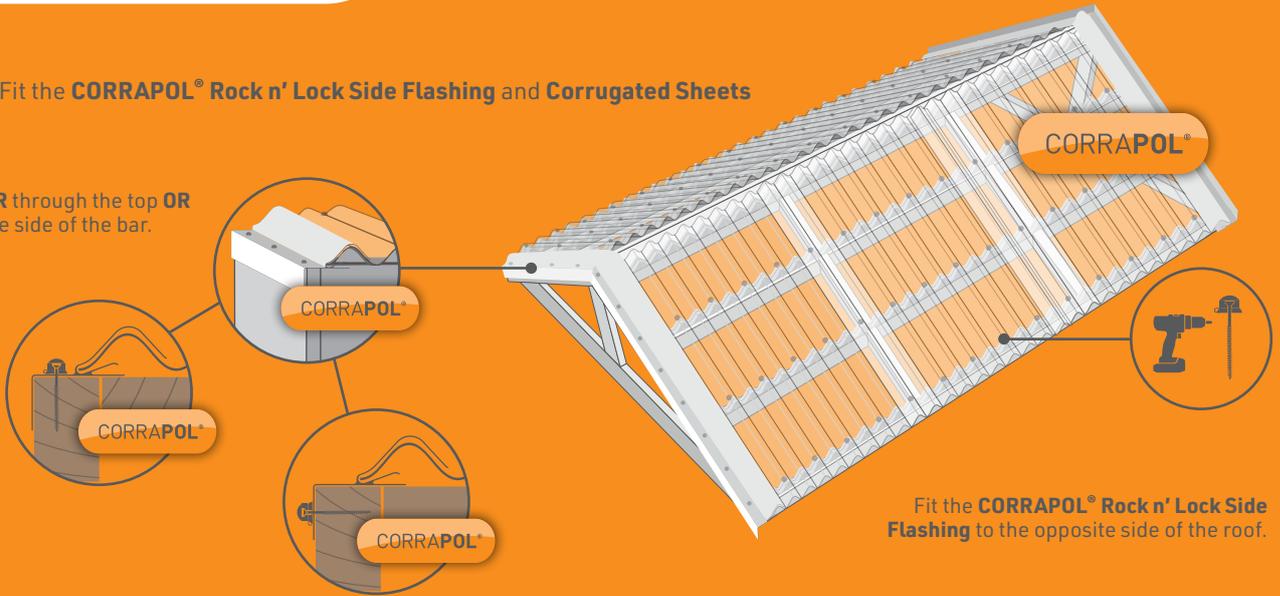# 9 Joint Sheets - end to end overlap example

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

Foam Eaves Filler

CORRAPOL®

10 Fit the CORRAPOL® Rock n' Lock Side Flashing and Corrugated Sheets

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

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CORRAPOL®

CORRAPOL®

CORRAPOL®

CORRAPOL®

Fit the **CORRAPOL® Rock n' Lock Side Flashing** to the opposite side of the roof.

11 Install the CORRAPOL® Super Ridge and End Caps

Cut the aluminium **CORRAPOL® 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® Super Ridge.**

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

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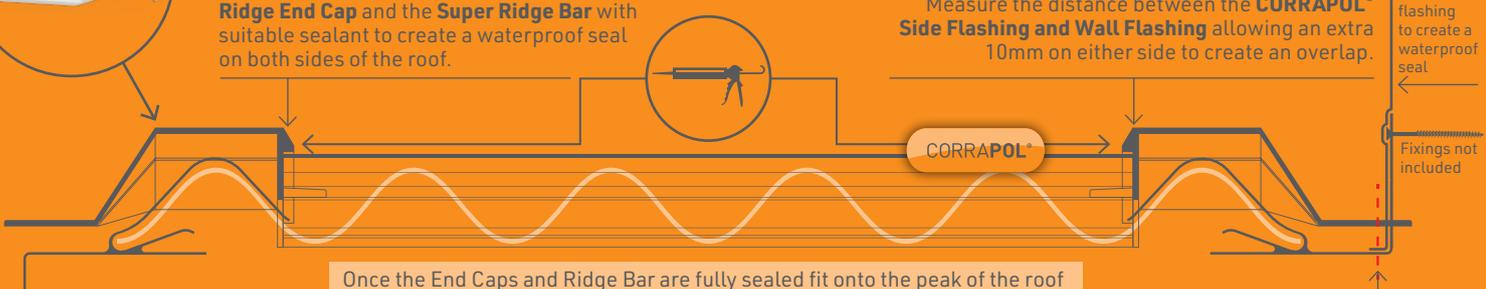
CORRAPOL®

CORRAPOL®

CORRAPOL®

CORRAPOL®

Fill small 2mm gap between the **CORRAPOL® 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® Side Flashing and Wall Flashing** allowing an extra 10mm on either side to create an overlap.

Fit lead flashing to create a waterproof seal

CORRAPOL®

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® Super Ridge Bar** and the **CORRAPOL® Super Ridge End Caps** in place

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

12

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

Lead flashing

< TOP WALL >

Measure and cut the width of the **CORRAPOL® Top Wall Flashing** so the top flat edge of the flashing, touching the top curved area of the **CORRAPOL® Rock n' Lock Side and Wall Flashing**.

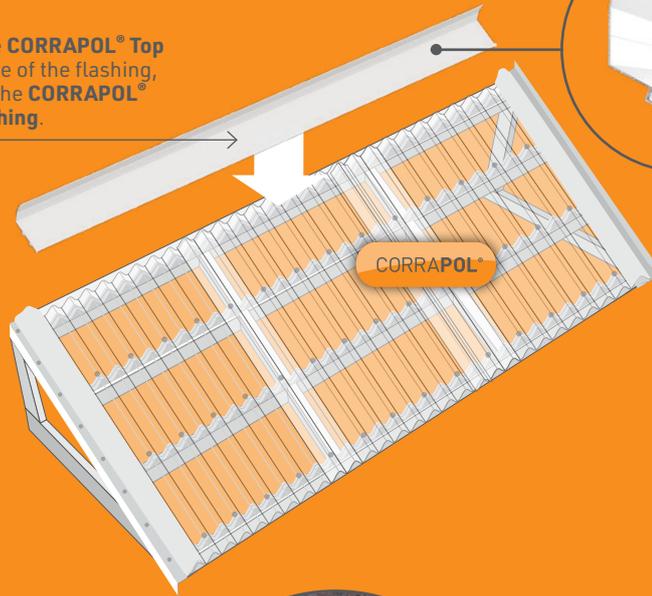Tilt the angled edge towards the wall to change the pitch variant.

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CORRA**POL**®

Fixings not included
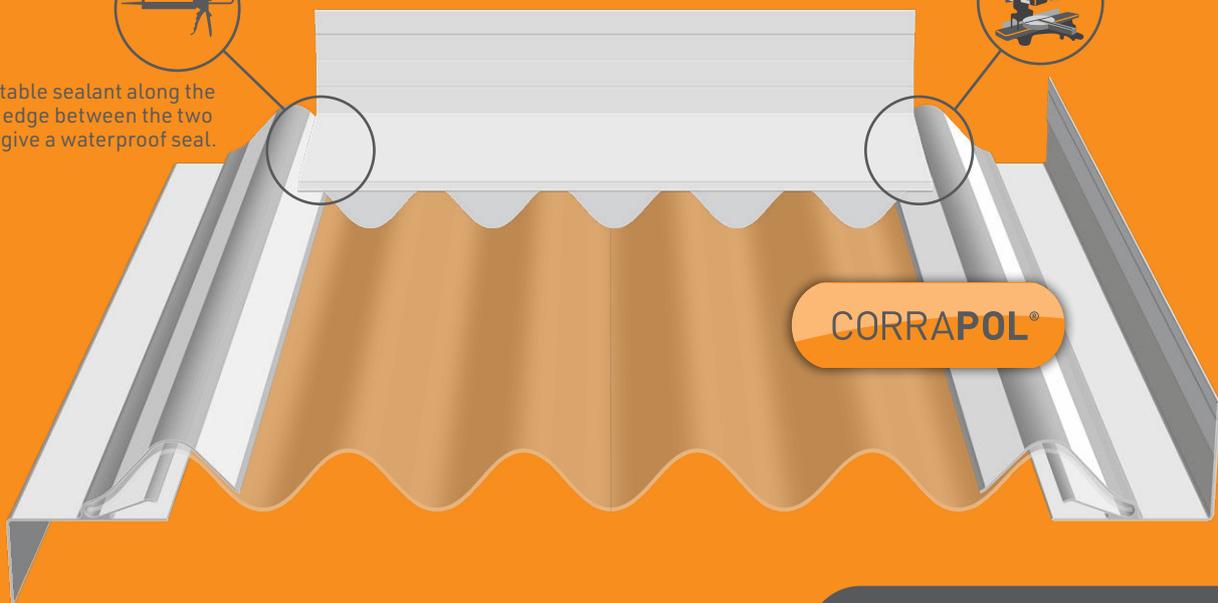
CORRA**POL**®

CORRA**POL**®

Eaves Filler

CORRA**POL**® Stormroof Sheet

CORRA**POL**®

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

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

CORRA**POL**®

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