

# Anabond **HS** BUTYL

*Industrial Roofing  
& Cladding Brochure*



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## ***To order simply...***

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**Fax** - +91-44-2346 0048

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## ***Why Choose Anabond HS Butyl***

- Product quality – developed in the UK and India.
- Local market knowledge – produced in India in a factory developed specifically for butyl tape.
- R&D facilities in both India and UK.
- Local dealers – 300 dealers across all states in India.
- Product mixed using a state-of-the-art continuous mixer.
- Range of product formats.
- JV developed between two family businesses.
- Development facility in UK and India.



This brochure illustrates the range of high performance products supplied by Anabond HS Butyl Ltd and application details for the Industrial Roofing and Cladding Market. Outlined in the brochure is guidance on the butyl tape required for specific roofing applications and how butyl tape should be applied. The importance of selecting a high performance butyl tape is essential to ensure the air and weather tightness of buildings.

The selection of an appropriate grade of butyl tape is only part of achieving a weathertight construction capable of performing for a period in excess of 20 years. It is just as important to ensure that the size and shape of the butyl tape is correctly specified for the sheeting profile used and that the sealant is applied in line with recommendations and accepted best practice.

Further details on the documents referenced within this brochure can be found on our website:

**[www.anabondhsbutyl.com](http://www.anabondhsbutyl.com)**

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# Recommended Preformed Butyl Tape

Butyl tape plays a critical role in ensuring buildings are both airtight and weather proof. The correct selection of sealants is one of the major elements in ensuring compliance with the Building Regulations Approved Document Part L Standard. Anabond HS Butyl has developed a range of technically excellent products to meet the high performance requirements of new buildings.

## Product name

### **Ropeseal**



## Product description

Ropeseal is a butyl tape suitable for use in steel and aluminium roofing systems.

### **Product uses**

- External Metal Sheetting – sealing end and side laps in steel and aluminium roofing systems
- Metal Liner Sheetting – sealing end laps
- Sealing rooflights
- Sealing metal flashings
- Ridge and eaves sealing in combination with foam fillers
- Sealing penetrations to roof and wall cladding

### **A108**



A108 is an extruded butyl tape laminated with a fixed polyester liner.

### **Product uses**

- A high performance Air Seal and Moisture Barrier Tape developed especially for sealing side lap joints of metal roof and wall liners to reduce condensation and increase airtightness in buildings
- Care must be taken to seal the joints at the eaves, ridge and any pipe or service penetrations in order to provide a completely airtight building

## **Product name**

## **Product description**

### **A100 Nylon Cubes**



A100 Nylon Cubes has been designed to help prevent the over-compression of joints, particularly aluminium flashings, during construction.

Encased within the butyl profile is a round nylon cubes. The butyl provides an effective weatherseal and the nylon cubes prevents the butyl being squashed flat or being forced out of the joint. In a properly constructed and fixed joint, the butyl works within the component system to allow for thermal expansion.

The 1mm nylon cube prevents over compression, reducing the risk of butyl being squeezed out of the joint.

### **A105 Foil**



A105 Foil is an extruded butyl tape laminated with a high performance polypropylene-reinforced aluminium foil. The laminate has high strength, excellent durability, tear and puncture resistance.

The tape can be used as a flashing tape, or for temporary remedial work such as the sealing of leaks in damaged components such as gutters or rooflights.

### **A109 Foil**



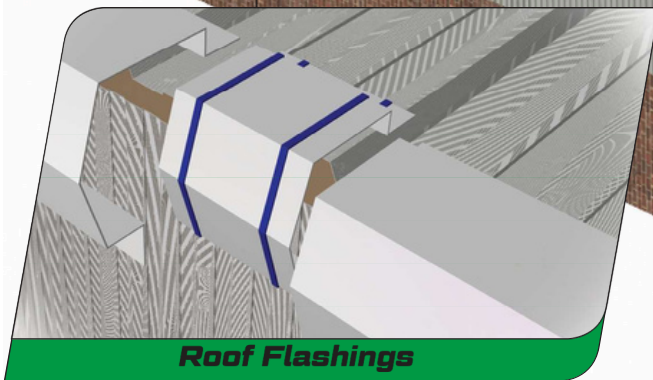
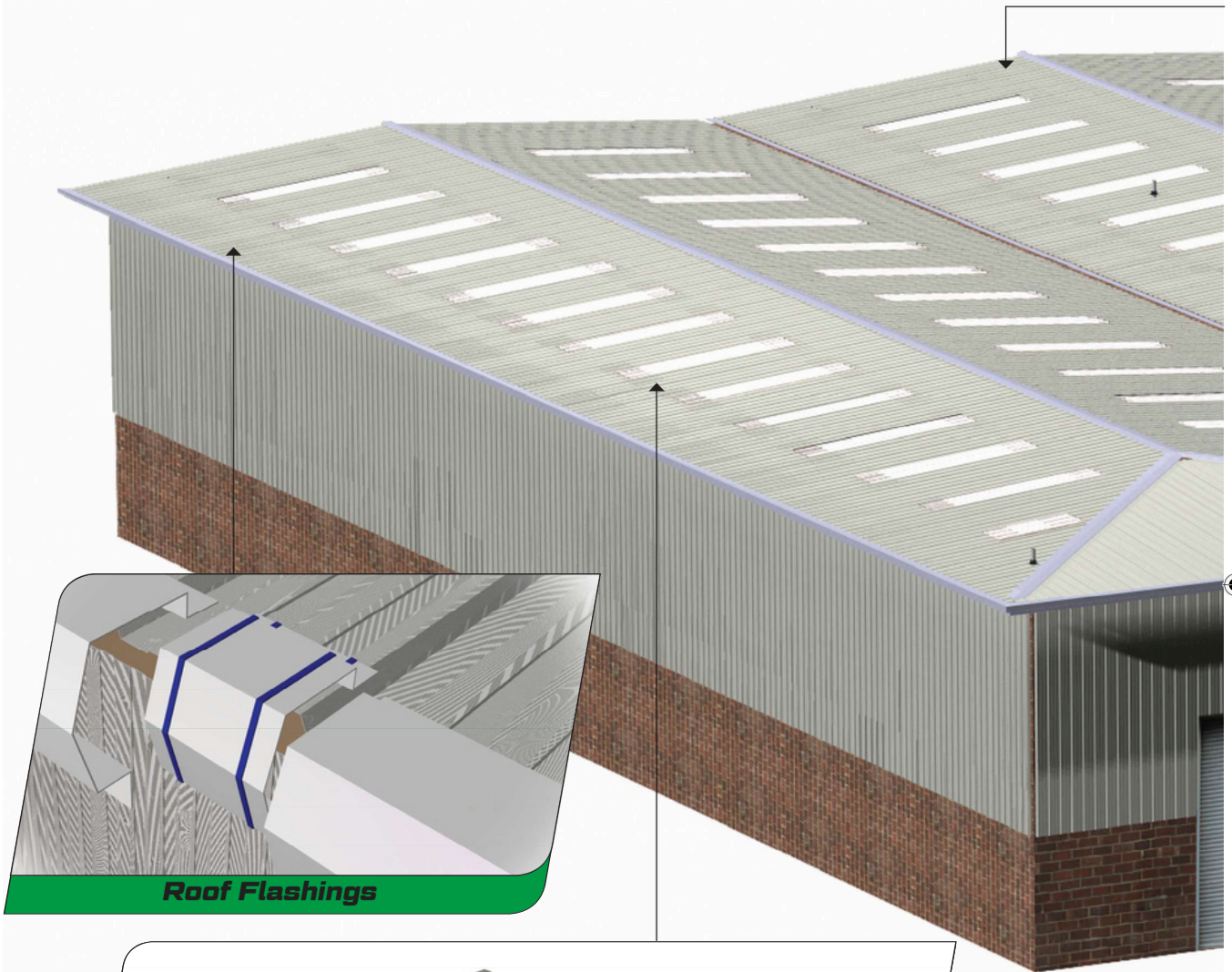
A109 Foil is a butyl tape laminated with a fixed foil backing and with a filmic release liner. The tape can be used in similar applications as A105 Foil.

### **A107 Fleece**



A107 Fleece is an extruded tape laminated with a non-woven fabric. It can be used to seal over joints between components to ensure air-tightness where the use of a double-sided butyl tape would not be suitable.

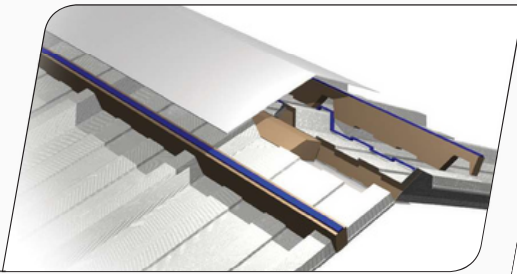
# ***Effective Sealing in Metal Roofing***



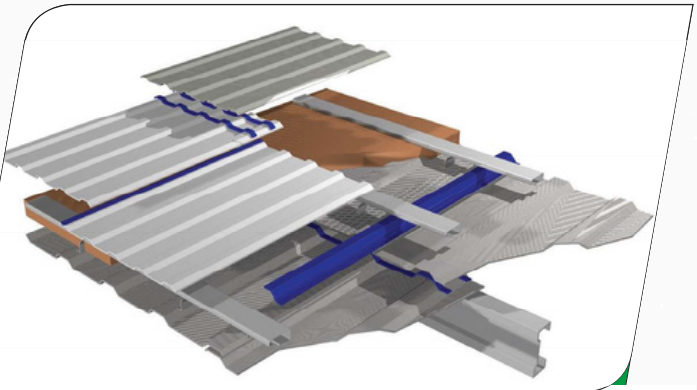
**Roof Flashings**



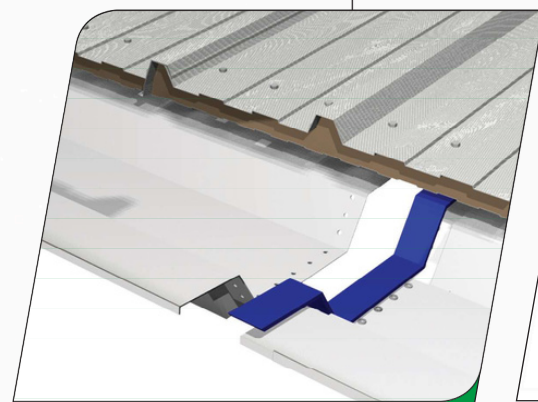
**Rooflights**



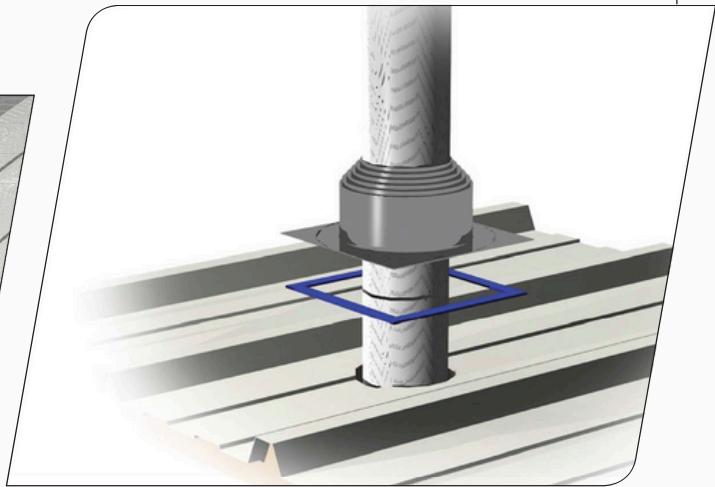
**Foam Fillers**



**Liner & External Sheeting - side & end laps**



**Roof Gutters**



**Penetrations to Roof & Wall Cladding**

# Sealing Metal Liners, External

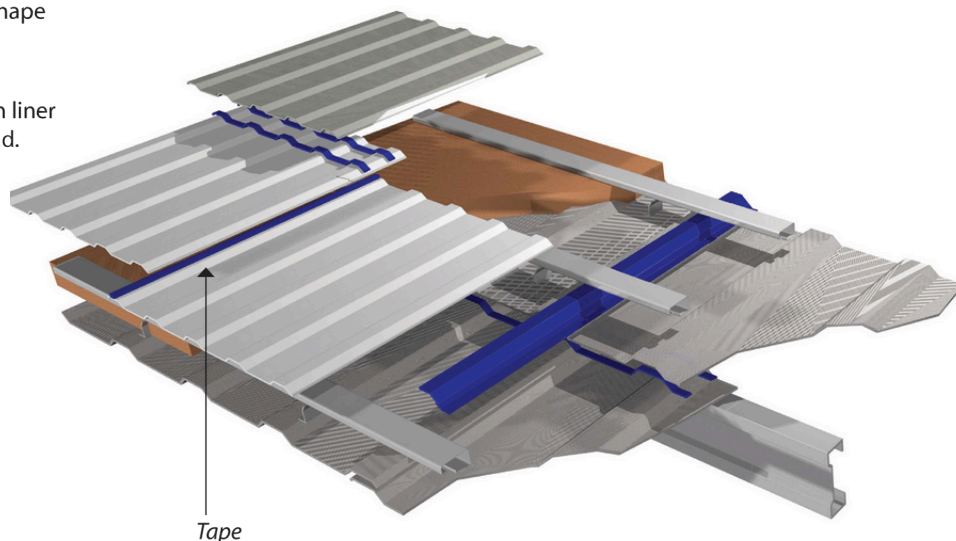
## **Selection of butyl tapes**

Follow sheet and rooflight manufacturer's recommendations for the appropriate grade, size and shape of butyl tape.

Typical size for sealing end laps in liner sheets and rooflights is 4mm bead.

Typical sizes for sealing external sheeting and rooflights for built-up and composite systems are:

- 5mm x 6mm
- 6mm bead
- 4mm x 18mm U-section.
- 5mm x 22mm U-section.



*Typical end lap sealing for built-up roofing systems*

## **Guidance for sealing end and side laps in metal liner sheeting and rooflights for built-up systems**

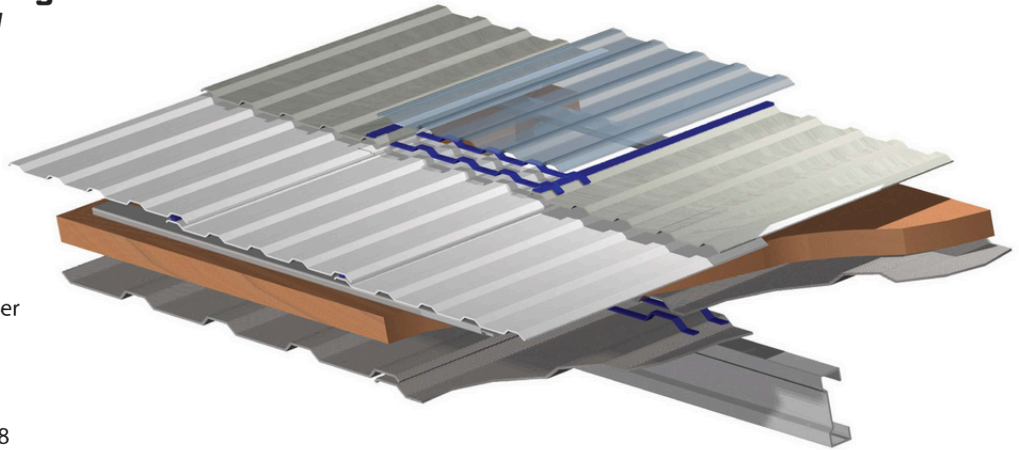
### **End laps**

1. Follow the sheeting manufacturer's recommendations.
2. Apply the butyl tape directly from the reel following the profile of the sheet. DO NOT span the butyl tape between the crowns and valley of the sheet profile.
3. Apply light pressure to the butyl tape to ensure good surface contact but avoid distorting the shape and size of the tape.
4. At the end of a run the butyl tape can be cut easily.
5. Remove the backing paper.
6. Carefully position the overlapping sheet. Do not drag the overlapping sheet across the butyl tape as this may disturb its shape, size and location.
7. Once in position apply firm pressure to the overlapping sheet to ensure contact and compression of the sealant along the entire length of a joint.
8. Fix the sheeting in place using the appropriate number and position of fixings for the sheeting system installed.

# Internal Sheeting & Rooflights

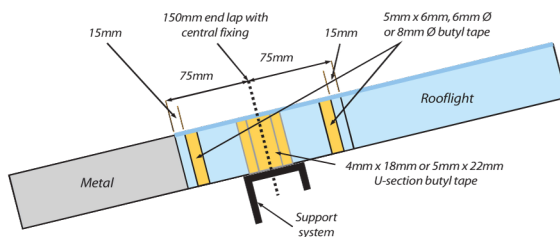
## Sealing end and side laps in external sheeting of built-up and composite roofing systems (including rooflights)

1. Seal end laps following instructions 1 to 5 under sealing end laps in liner sheeting on page 10.
2. Seal the side laps by applying tape directly from the reel along the outer crowns of the sheet.
3. Complete the joint by following instructions 3 to 8 under sealing end laps in liner sheeting on page 10.

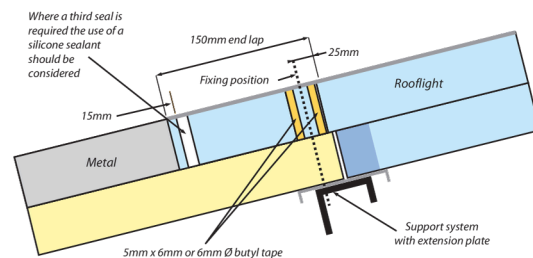


Typical sealing of built-up roofing system with rooflight

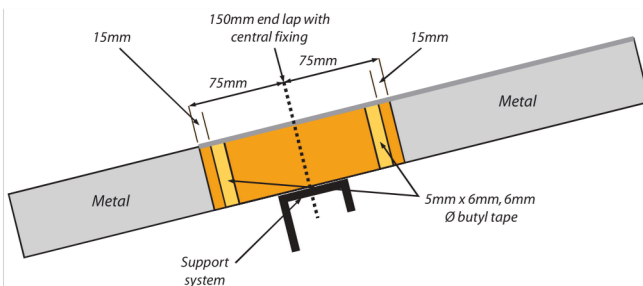
## Typical external sheeting end lap detail between profiled metal and rooflight sheeting for built-up and composite roofing systems



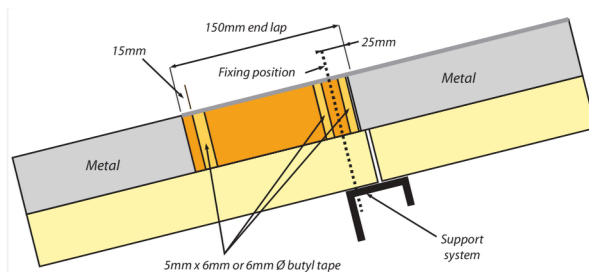
Built-up system end lap detail  
(GRP rooflight over metal)



Composite panel end lap detail  
(GRP rooflight over metal)



Single skin end lap detail  
(metal over metal)



Composite panel end lap detail  
(metal over metal)

# Sealing of Foam Fillers

1. Apply tape directly from the reel following the profile of the foam filler.

2. Apply pressure to ensure full surface contact.

3. Also apply a run of tape to the surface opposite the profiled surface and again apply pressure to ensure full surface contact.

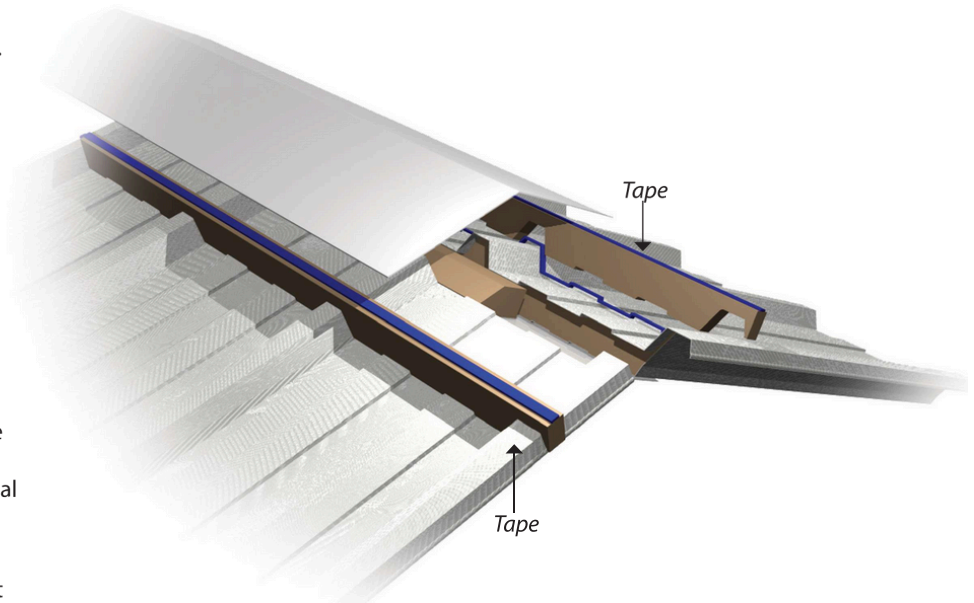
4. Position pre-taped fillers each side of the ridge by removing the backing paper from the profiled surface of the filler and offer against the profiled sheet in an appropriate position to seal along the edge of the ridge flashing.

5. Press firmly to ensure good contact along the length of the fillers.

6. Remove the remaining backing paper from the fillers and carefully position the ridge flashing on top of the filler ensuring it does not drag or distort the sealant/fillers.

7. Once in position apply firm pressure to the ridge flashing to ensure full contact with the sealant and secure the flashing according to the sheet manufacturer's recommendations.

8. In the finished joint the sealant should be in contact with all surfaces along the entire length of the joint. Any gaps may lead to the passage of water.



# Sealing Penetrations to Roof and Wall Cladding

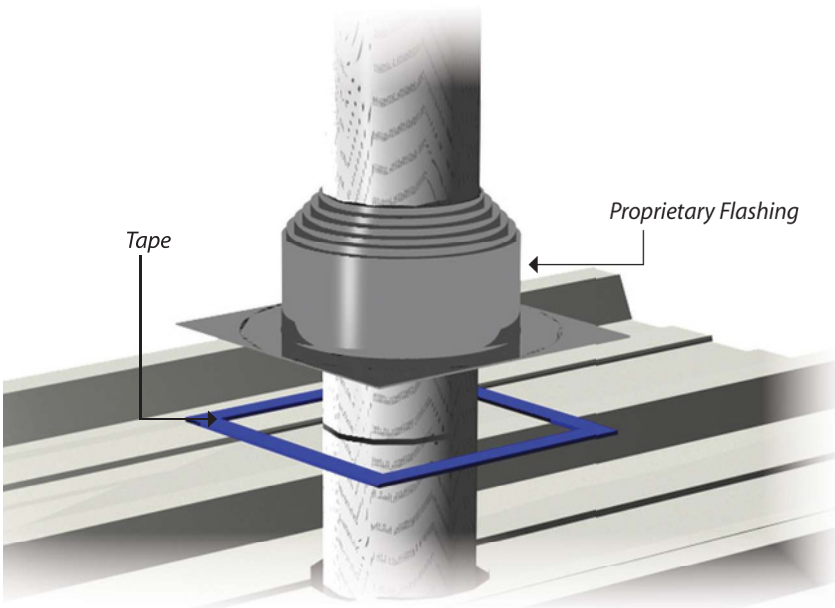
1. Apply tape directly from the reel around the perimeter on the underside of the penetration gasket.

2. Remove the backing paper to allow the butyl tape to go round corners and avoid stretching the sealant at corners.

3. Remove all remaining backing paper and offer the gasket to the roofing profile.

4. Apply moderate pressure to conform the base of the gasket to the shape of the surface to be sealed and achieve full contact of the sealant.

5. Fix gasket in place following manufacturer's instructions.



# Roof Gutters

*Gutters should be installed in accordance with the manufacturers' instructions and the correct number of supports, fixings and/or liner membrane should be used. Please refer to the gutter manufacturer for further details.*

1 With one section of gutter in position apply tape directly from the reel following the profile of the joggle edge of the gutter.

2. DO NOT span the butyl tape at the corners of the gutter profile.

3. Apply light pressure to the butyl tape to ensure good surface contact but avoid distorting the shape and size of the tape.

4. Remove the backing paper and carefully offer up the next section of gutter ensuring it does not drag or distort the butyl tape.

5. Once in position apply firm pressure to the overlapping section of gutter to ensure full contact with the butyl tape.

6. It is advisable to gently pierce the butyl tape in the fixing holes prior to inserting the fixings.

7. Tighten the fixings in accordance with the gutter manufacturer's recommendations.

Tape

8. In the finished joint the butyl tape should be under compression along the entire width of the gutter joint.

# Roof Flashings

1. Apply tape or A108 Nylon directly from the reel following the profile of the flashing.

2. Remove the backing paper and carefully position the overlapping section of flashing ensuring it does not drag or distort the sealant.

3. Once in position apply firm pressure to the overlapping sections of flashing to ensure full contact with the sealant.

4. Secure the joint using the appropriate type and position of fixings for the flashing in question.

5. In the finished joint the **GCA® sealant** should be under compression along the entire length of the joint.

6. Any gaps may lead to the passage of water.

Tape

*We recommend A108 Nylon for Aluminum flashings*

# Product Selection

We recommend using A108 or Ropeseal for the following applications.

<b>Metal Liner Sheeting</b>	<i>End laps</i>	<i>3mm x 9mm 4mm Bead</i>
<b>External Metal Sheeting</b>	<i>End &amp; Side laps</i>	<i>5mm x 6mm 6mm Bead 8mm Bead</i>
<b>Composite Panels</b>	<i>End laps Side laps</i>	<i>5mm x 6mm 6mm Bead</i>
<b>Rooflights</b>		<i>5mm x 6mm 6mm Bead 8mm Bead 4mm x 18mm U 5mm x 22mm U</i>
<b>Metal Gutters</b>		<i>3mm x 50mm 6mm x 50mm</i>
<b>Metal Flashings</b>		<i>3mm x 9mm 5mm x 6mm</i>
<b>Shim</b>		<i>A108 Nylon 1.5mm x 15mm</i>
<b>Foam Fillers</b>		<i>1.5mm x 9mm 1mm x 12mm</i>
<b>Roof &amp; Wall Penetrations</b>		<i>3mm x 9mm 5mm x 6mm 4mm Bead 6mm Bead 8mm Bead</i>

# Anabond **HS BUTYL**

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## Vansh Enterprise

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