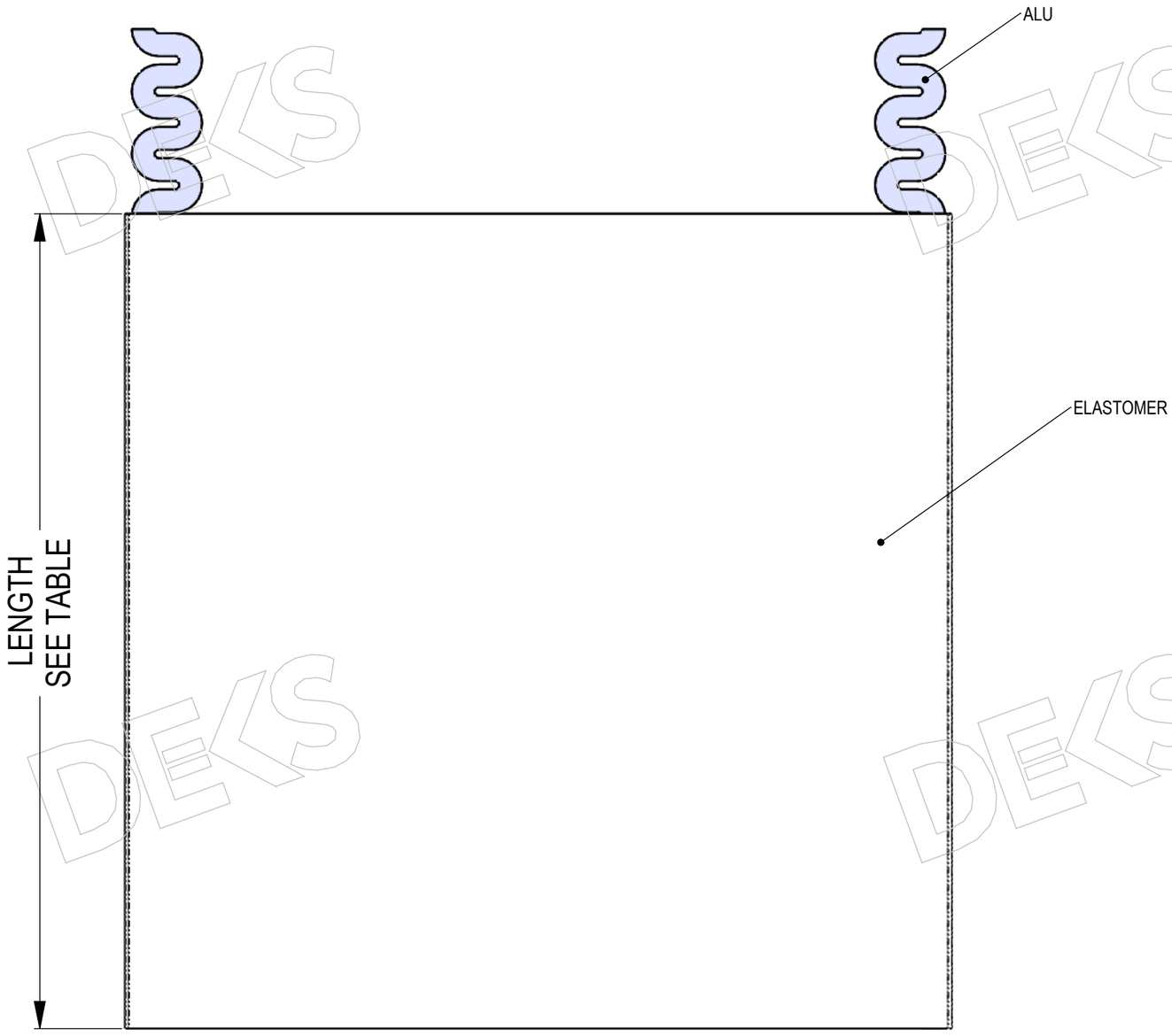
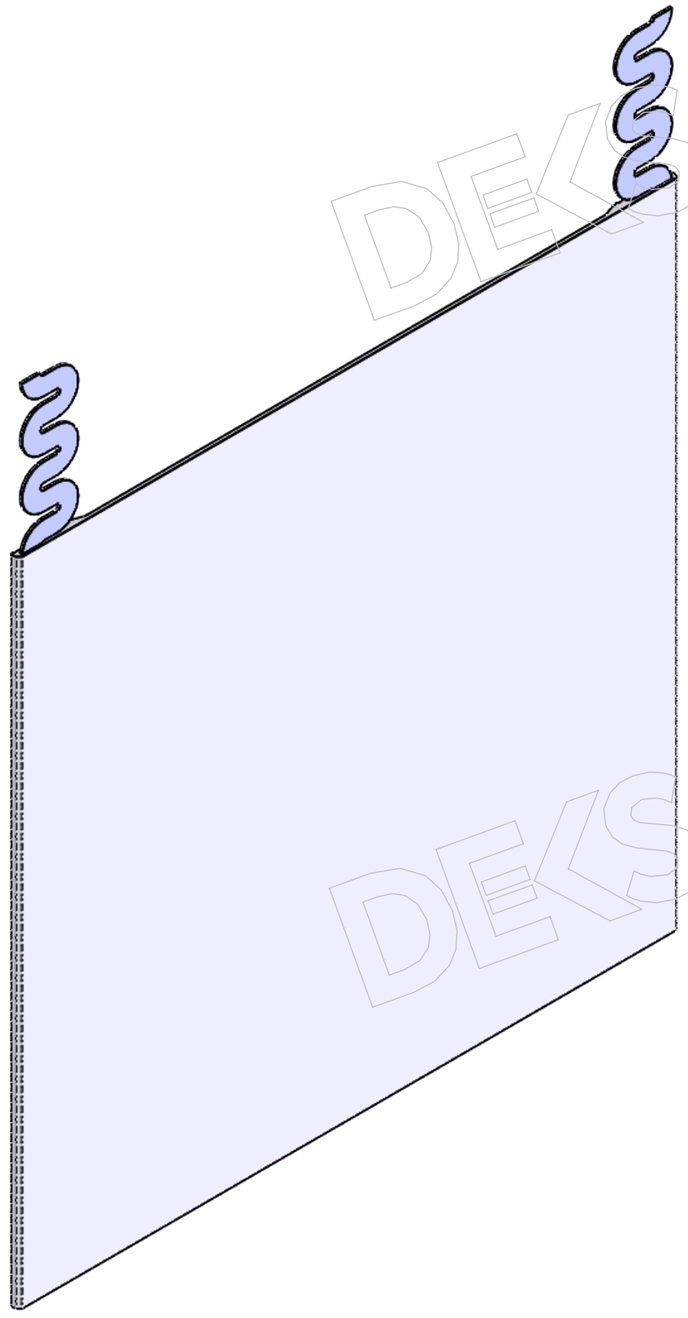
DEKS

Technical Documents

1: Drawings DS10-180, DS10-235, DS10-305, DS15-450, DS23-180, DS23-235, DS23-305, DS3-235

Follow Us On





PART No.	LENGTH (m)	WIDTH (mm)	DISPLAY NAME
DS 10-180	10	180	Dekstrip 10m (32') x 180mm (7") Gry
DS 23-180	23	180	Dekstrip 23m (75') x 180mm (7") Gry
DS 3-235	3.1	235	Dekstrip 3.1m (10') x 235mm (9") Gry
DS 10-235	10	235	Dekstrip 10m (32') x 235mm (9") Gry
DS 23-235	23	235	Dekstrip 23m (75') x 235mm (9") Gry
DS 10-305	10	305	Dekstrip 10m (32') x 305mm (12") Gry
DS 23-305	23	305	Dekstrip 23m (75') x 305mm (12") Gry
DS 15-450	15	450	Dekstrip 15m (50') x 450mm (18") Gry
DS 3-235B	3.1	235	Dekstrip 3.1m (10') x 235mm (9") Blk

Technical Datasheet

Product: DEKSTRIP

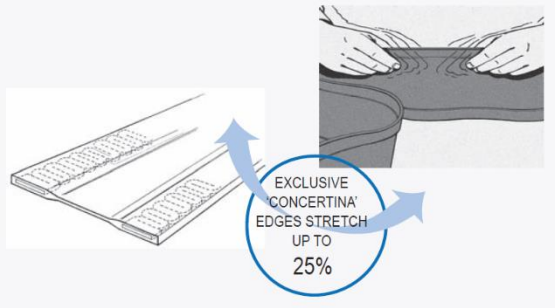
Material: The Dekstrip edges contain an expanding aluminium strip (in concertina form) fully encased by the UV and heat stabilised TPE Rubber flashing.

Temperature: Service temperature in the range of -50°C to 115°C and up to 150°C intermittently.

Purposes: Typical applications include flashing of large round pipe penetrations, expansion joints in box gutters, bullnoses, skylights, valleys, square ducts, where two different profiles intersect and as curved parapet flashing.

Characteristics:

- Dekstrip can be stretched and formed around most roof profiles and maintain that shape.
- Dekstrip is compatible with most materials and can successfully flash between brick, fibre cement, concrete, Galvanised Steel, Aluminium and Stainless Steel.

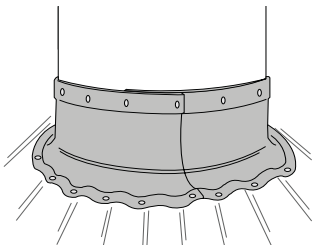


Important Installation Requirements

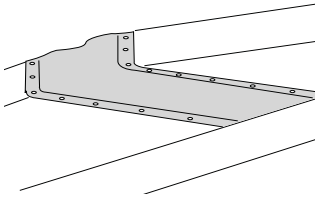
- Never stretch Dekstrip more than 25%: The encapsulated Aluminium edges will expand to a maximum of 25%. Once stretched, the waves created will NOT return to their original shape. Note that overexpansion would make the Deks warranty invalid.
- Always stretch Dekstrip 'hand over hand': Stretch a little at a time, easing the flashing over the profile.
- Avoid folds wherever possible: Ease the flashing into position so that it lies as flat as possible against the profile.
- Always install Dekstrip rib-side down: The raised ribs running along the edges are designed to hold the sealant in place.
- Avoid sharp edges: Look out for sharp edges that may puncture the flashing. When cutting, do not use a knife. Sharp tin snips will provide the smoothest finish.
- Use hands to form: Never use metal or wooden tools to form Dekstrip. Stretch and push into position with hands only.
- Only fasten through the Aluminium strip using suitable fasteners with a minimum 10 mm head. In case of rivets use a 10 mm washer under the head.
- Apply neutral cure silicone sealant or adhesive appropriate for material surface under the Dekstrip.

Dekstrip® Flashing

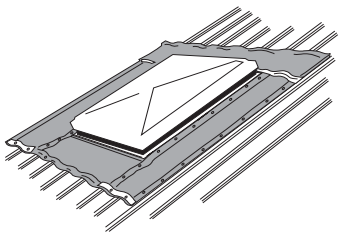
Installation Instructions



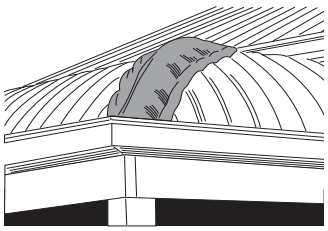
Large Penetrations



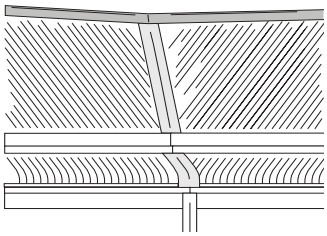
Box Gutters/
Expansion Joints



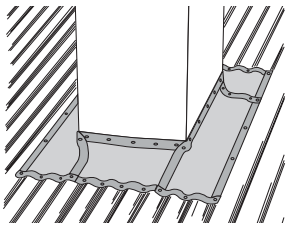
Skylights



Bullnose

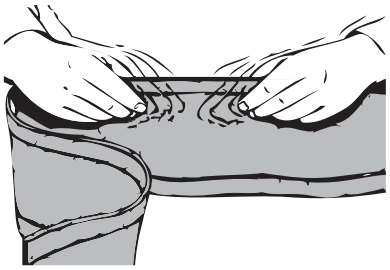


Valleys



Square Ducts

Getting the Best Results with Dekstrip®

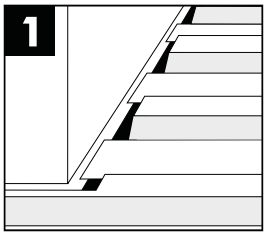


- **Always stretch Dekstrip® 'hand-over-hand'**
  Stretch a little at a time, easing the flashing over the profile.
- **Never stretch Dekstrip® more than 25%**
  The encapsulated aluminium edges will expand a maximum of 25%. Once stretched, the 'waves' created will NOT return to their original shape so stretch a little at a time.

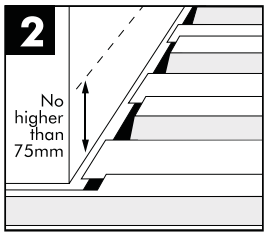
Note that overexpansion makes the DEKS Warranty invalid.

- **Always install Dekstrip® rib-side down**
  The raised ribs running along the edges are designed to hold the sealant in place.
- **Avoid folds wherever possible**
  Ease the flashing into position so that it lies as flat as possible against the profile.
- **Avoid sharp edges and use hands to form**
  Never use metal or wooden tools to form Dekstrip® – stretch and push into position with hands only. Look out for sharp edges that may puncture the flashing.

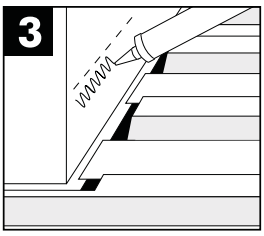
SQUARE DUCTS, SKYLIGHTS AND CHIMNEYS



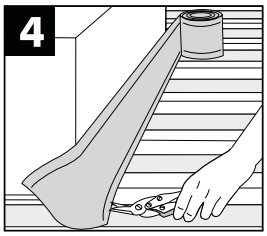
Remove 150mm (6″) of ribs on high side to aid water flow.



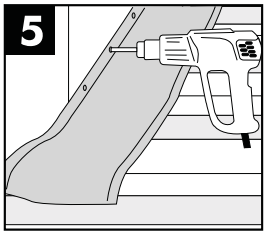
Mark flashing line no higher than 75mm (3″) above batton.



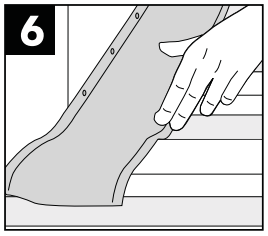
Apply construction grade sealant*, appropriate for material surface under line.



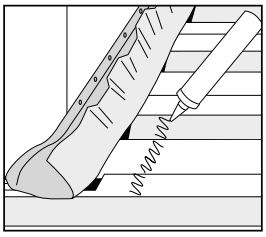
Measure strip for each side. Allow 200-300mm (8-12″) for overlap.



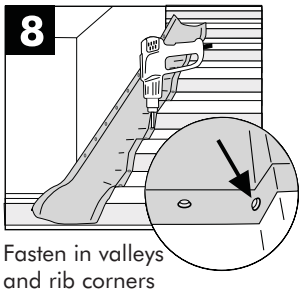
Fasten along top edge without stretching.



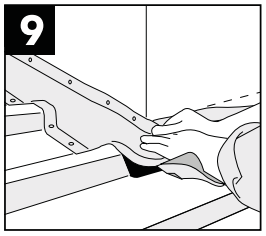
Stretch bottom edge BY HAND to follow profile. DO NOT USE TOOLS.



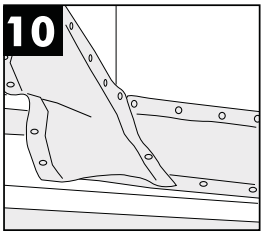
Apply construction grade sealant*, appropriate for material surface under bottom edge.



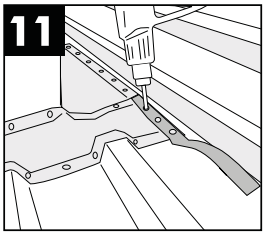
Fasten in valleys and rib corners as shown.



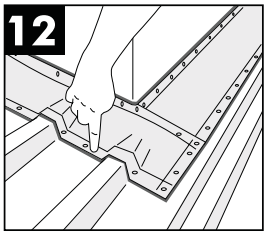
At corners, stretch top edge of each overlap and pull down, then fasten top corner.



Cut away excess and overlap neatly.

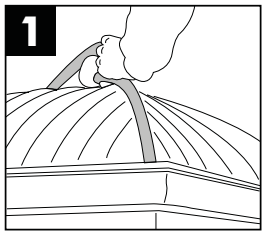


Edge with strips provided.

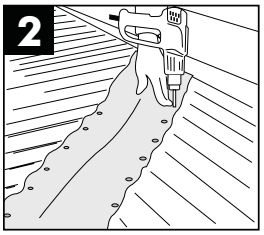


Apply construction grade sealant*, appropriate for material surface, along edge to form ramp to slow water flow.

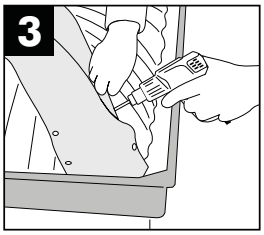
BULLNOSE AND CURVED PROFILES



Roof sheets should be max. of 20mm (¾″) apart. Fix a polypipe (approx. 25mm (1″) diam) as former.

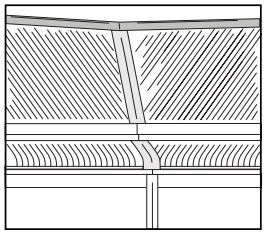


Fix from top of curve, form Dekstrip and apply construction grade sealant*, appropriate for material surface before fixing down each side



Tuck end under roof sheet.

VALLEYS



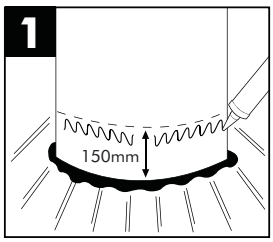
Roof sheets should be max. of 20mm (¾″) apart. Fix a polypipe (approx. 25mm (1″) diam) as former.

AVAILABLE LENGTHS AND WIDTHS

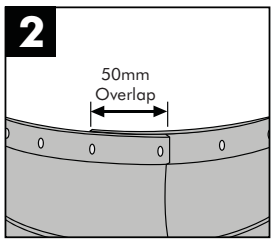
	180mm (7″)	235mm (9″)	305mm (12″)	450mm (18″)
23m (75′)	✔	✔	✔	
15m (49′)				✔
10m (33′)	✔	✔	✔	
3.1m (9′)		✔		

Separate strip of aluminium included in all roll lengths except 3.1m

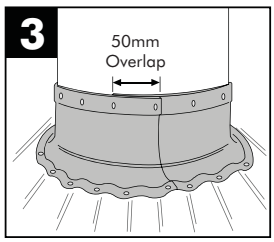
LARGE ROUND PIPES



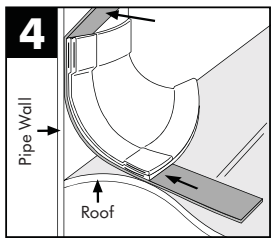
Mark Line 150mm (6") from valley. Apply construction grade sealant*, appropriate for material surface.



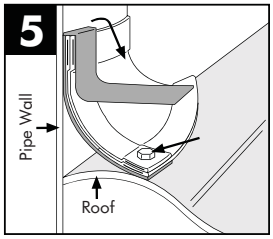
Position flashing, overlapping by 50mm (2"). Fasten top edge.



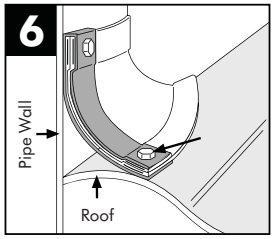
Stretch lower edge to follow profile. Apply construction grade sealant*, appropriate for material surface, along bottom edge and fix in valleys.



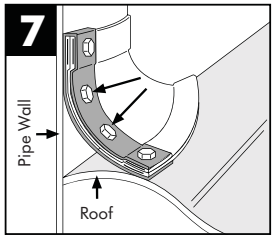
Seal joint by threading metal strip under overlapped joints, starting at the bottom.



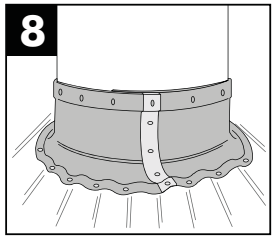
Temporarily fasten strip at bottom. Bend strip down from top over join.



Fasten top edge. Remove and replace bottom screw after forming.

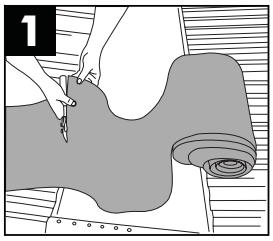


Finish fastening using rivets to bring aluminium pieces together.

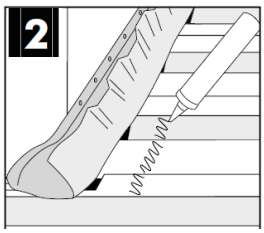


Apply construction grade sealant*, appropriate for material surface along overlap as necessary.

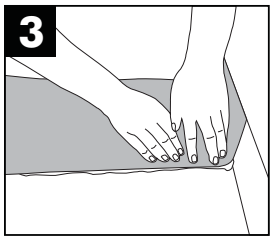
BOX GUTTERS AND EXPANSION JOINTS



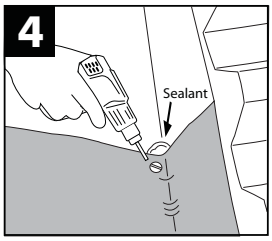
Measure and cut Dekstrip to appropriate size to cover floor and both walls of the box gutter.



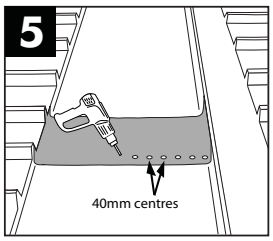
Apply construction grade sealant*, appropriate for material surface under bottom edge.



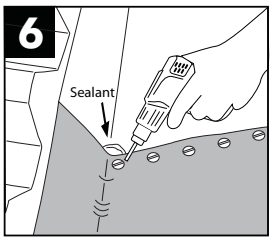
Hand form Dekstrip into box gutter.



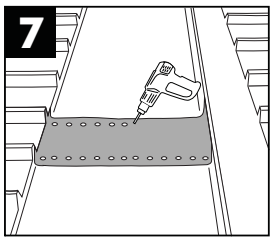
Apply construction grade sealant*, appropriate for material surface in one corner and fasten on the floorsurface as close to the upstand as possible.



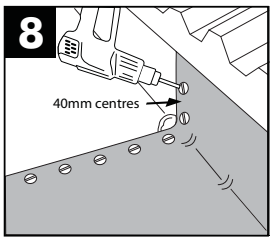
Continue fastening along the floor edge at no greater than 40mm centres until close to opposite wall upturn.



Apply construction grade sealant *,appropriate for material surface in opposite corner and fasten on the floor surface as close to the opposite upstand as possible.



Repeat steps 4, 5 & 6 on other side of Dekstrip.

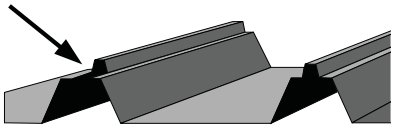


Fasten up stands as close as possible to floor corners and continue fastening at no greater than 40mm centres until top of Dekstrip is reached.

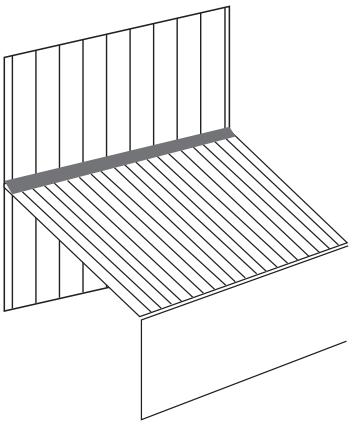
* Use neutral cure silicone adhesive or sealant

HIGH RIB PROFILES/STANDING SEAM ROOF SHEETS

If Dekstrip® will not stretch sufficiently to cover a tall profile on a roof sheet or a standing seam, cut the rib or seam back as shown and seal the opening against water. Apply construction grade sealant *, appropriate to material surface.



DISSIMILAR ROOF PROFILES



When flashing dissimilar roof profiles such as a house roof to a verandah, install as follows:

1. Measure length.
2. Junction gap should be no more that 180mm.
3. Stretch by correct amount to suit profile on both sides.
4. When satisfied with the shape and fit and there are no stress lines, seal with silicone and screw/rivet fix in the valley/pan of the profile.
5. Always apply construction grade sealant *, appropriate for material surface.

FLASHING DISSIMILAR MATERIALS

Dekstrip® is compatible with most materials and can successfully flash between:

✔ Brick ✔ Fibre Cement ✔ Galvanised Steel ✔ Aluminium ✔ Stainless Steel ✔ Concrete

- Always refer to fastener manufacturer's instructions regarding the installation into dissimilar materials.
- Always contact the manufacturer of the roof material to ensure that dissimilar materials are compatible and for recommendations on thermal expansion and contraction characteristics.

PAINTING Dekstrip®

ONLY PAINT AFTER INSTALLATION.

Allow product to weather before painting. On returning to the installation, wash Dekstrip® with a soft-bristle brush and mild detergent in warm water.

Dry surface and prepare using a cloth and mild solvent. Apply an epoxy resin based primer as a basecoat, allow to dry and paint using a good quality 100% acrylic gloss paint.

DEKS

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