

# Dektite® Aluminium

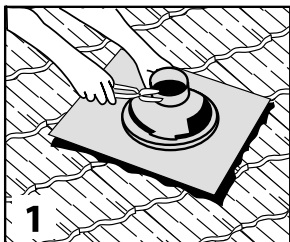
The versatile solution for hundreds of applications.



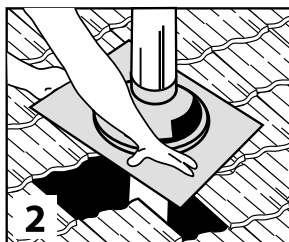
The base is 99.9% pure grade aluminium - strong, malleable and easy to install.

Environmentally friendly, ideal where potable water is collected.

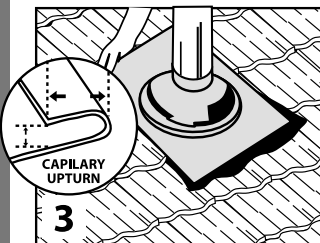
## INSTALLATION INSTRUCTIONS



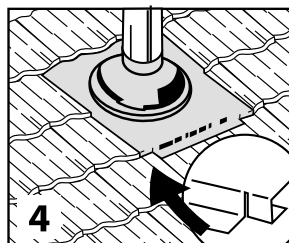
1 Trim Dektite™ cone to suit pipe size using sharp tin snips



2 After lubricating the flue with water, slide Dektite™ down to the tile level.



3 Place upper edge of base under tiles, forming an anti-capillary fold



4 Cut tabs and then just press and tap the bottom corners to form a soaker run-off tray.

## Easy Selection Guide

Code	PIPE mm	BASE mm	PITCH	COLOUR
TFA 12-70	12 - 70	600 x 450	0 - 40°	<b>BLACK (EPDM)*</b> <b>RED (EPDM)*</b>
TFA 50-170	50 - 170	600 x 500	0 - 45°	
TFA 110-220	110 - 200	900 x 600	0 - 45°	
TFA 160-300	160 - 300	900 x 764	0 - 45°	

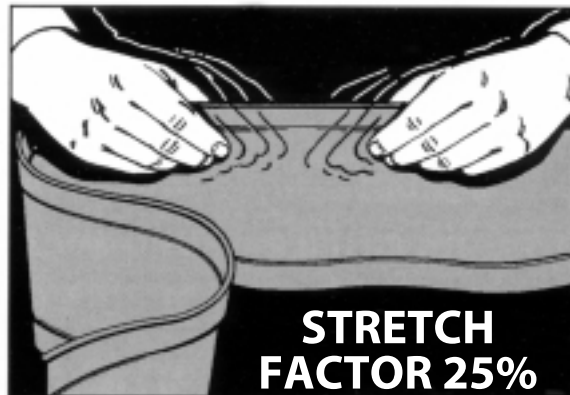
E.P.D.M. withstands temperatures from -50°C to 115°C, & up to 150°C intermittently

HINT: When flashing a metal flue that has an exposed seam, using a neutral cure sealant, seal the seam from underside of cowl to the top of Dektite® cone.

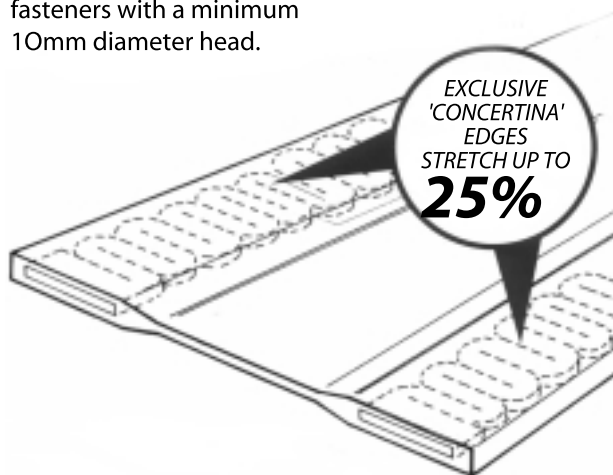
# Dekstrip® Flashing



With the amazing patented stretch edge



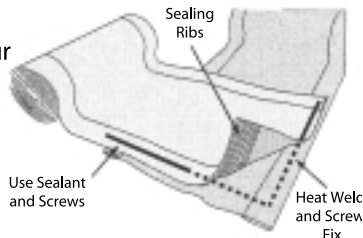
The edges of Dekstrip® contain an expanding aluminium strip (in concertina form) totally encased by the E.P.D.M. rubber flashing. The strip allows the flashing to be stretched and formed around most roof profiles - and maintain that shape. Fastening may be done through the aluminium strip using fasteners with a minimum 10mm diameter head.



Both edges of Dekstrip® stretch up to 25% and retain shape over most roof cladding profiles.

Dekstrip® is specially compounded from EPDM based thermoplastic elastomer (TPE) material to give exceptional resistance to ozone, weather and water. Dekstrip® will effectively seal and remain flexible over a wide range of temperature extremes: From - 50°C to 115°C and has been proved to withstand intermittent temperatures up to 150°.

Dekstrip® can be painted to allow for accurate colour matching. For the perfect finish allow Dekstrip® to weather before painting with a quality, flexible acrylic paint.



### ***New Material Thermoplastic Elastomeric (TPE) can now be sealed with a HEAT GUN.***

- 1 Ensure the two pieces to be heat welded are well supported underneath.
- 2 Set gun to approx 200°C and fix thin flat nozzle.
- 3 Carefully lift top layer and apply heat to the underneath from a distance of 20-30mm.
- 4 Move slowly along dotted line (see above), heating each area for several seconds.
- 5 Press the two layers together by hand, working down the join melting the two edges of the Dekstrip® into one. Protect hands with a heat resistant glove.

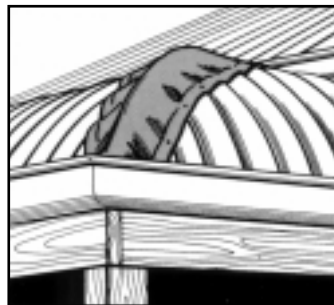
**NOTE: Where the aluminium edge must lay on top of cut edge, Dekstrip® should be screw-fixed rather than heat welded. When Dekstrip is hot it becomes soft and will easily puncture. NEVER USE SHARP TOOLS.**

### ***Dekstrip® Easy Selection Guide***

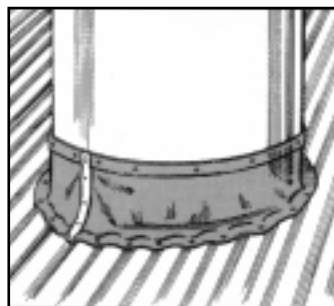
CODE	Length Metres	Width mm	Material
DS3-235	3.1	235	Grey Thermoplastic Elastomer (TPE) Will withstand temperatures from - 50° to 115° C & up to 150° C intermittently
DS10-180	10	180	
DS10235	10	235	
DS10305	10	305	
DS23-180	23	180	
DS23-235	23	235	PRICE AND AVAILABILITY ON APPLICATION
DS23-305	23	305	
DS15/450	15	450	

E.P.D.M. withstands temperatures from -50°C to 115°C, & up to 150°C intermittently

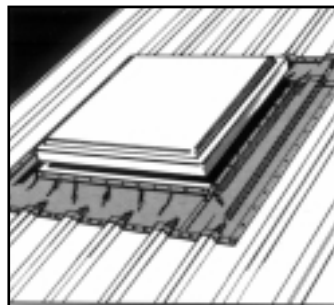
## TYPICAL APPLICATIONS



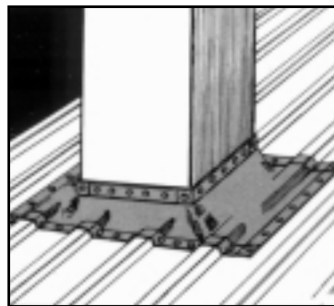
**BULLNOSING**



**ROUND DUCTING**

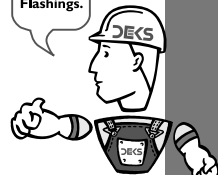


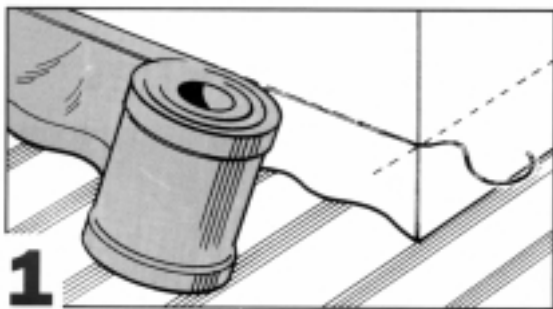
**SKYLIGHTS**



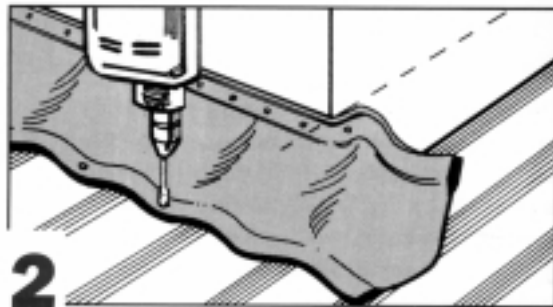
**SQUARE DUCTING**

There's just no mistaking Dektite® Flashings.



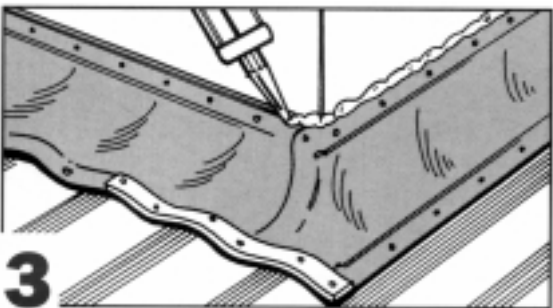


Cut Dekstrip® to required length allowing for overlaps and corner mitres. See instructions on individual applications for recommended allowances. Using a string line guide fasten top edge of flashing using suitable fasteners with a minimum 10mm head. In the case of rivets use a 10mm washer under head.



Where edge stretching is required to conform to roof profiles, **fasten the edge that does not require stretching first**. Then stretch the **ENTIRE** length of the other edge, form to profiles, seal and fix. **The flashing will not return to its original length once stretched.**

*Where both edges require stretching the fasteners should be installed on opposite sides progressively in pairs.*

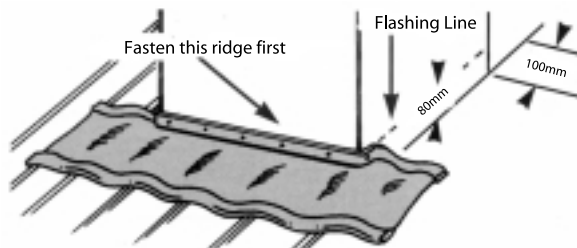


Fasteners should be applied to the Dekstrip® in the valley of the corrugations. Apply a generous bead of neutral-cure, alcohol free, low modulus sealant (silicone\*) under edges. Finish off both fastened edges with a bead of sealant\*. Use the aluminium strip provided to seal any overlapping ends or seal with a Heat Gun.

\*Refer to page 28 for silicone usage

## SQUARE DUCTING, SKYLIGHTS & CHIMNEYS

Determine length of Dekstrip® required adding approximately 300mm each end for overlap joints at corners. If penetration requires a "water run-off" area on the higher side, the roof cut should be 100mm longer i.e. towards the ridge to allow the Dekstrip® to form a flat tray effect. Where necessary support cut sections of sheet with additional roof framing.

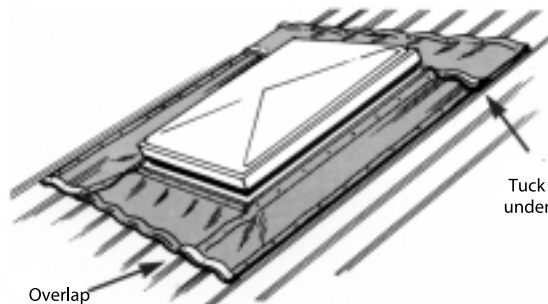


**Where possible locate and fasten the Dekstrip® edge to the penetrating product at a height no greater than 80mm from the roof valleys. This will then dictate the flashing line around the product.**

**2** After establishing the "flashing line" fasten the lower front section first but do not fasten corners.

**3** Locate and fasten the top or upper section next, forming the flat tray area required. Do not fasten corners.

**4** Locate and fasten side flashings ensuring a tuck under at the top and an overlap at the bottom is attained.



N.B. When overlapping (see diagram) push the edge of the Dekstrip® back to conform with the Dekstrip® shape underneath. Apply liberal sealant\* and fasten the leading edge. This sets and weatherproofs the seam. Use the supplied metal strips to finish leading edges. (Metal strips only supplied with the 10m roll.) Cut these to required size and conform to roof profile. Fasten where applicable.

**5** In the same manner, seal and fasten all corners.

\*Refer to page 28 for silicone usage

## LARGE ROUND PIPES

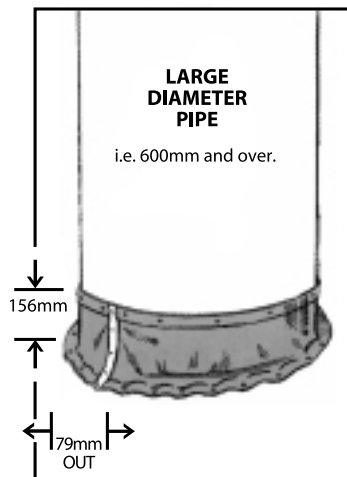
**1** Mark a line on the pipe, 156mm above the roof. Take this mark from the valley. Circle the pipe.

**2** Fasten Dekstrip® (after applying sealant) at this line. Overlap ends by 50mm.

**3** Stretch the entire unfastened bottom edge.

**4** Seal and fasten bottom edge, allowing same overlap at bottom as at top - suggest valley fixing.

**All listed measurements are for 235mm wide strip flash. If using other widths use a ratio of 2/3 up the pipe 1/3 over the roof profile.**

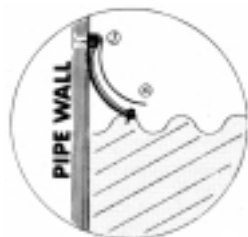


## JOINING STRIP FLASHING ENDS ON ROUND PIPES



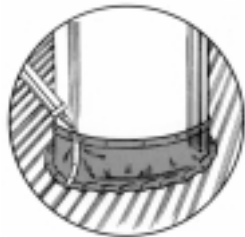
**1** Insert metal strip behind overlapped Strip Flashing and fasten at bottom.

**2** Then...Fasten at top.

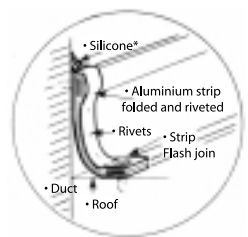


**3** Fold metal Strip over top fastener.

**4** Remove and replace bottom fastener after conforming the metal strip.



**5** Fasten and apply sealant to complete join.



\*Suggested method of joining vertical seams (cross section).

\*Refer to page 28 for silicone usage

## BULLNOSING AND CURVED PROFILE ROOFING

### DEKSTRIP® APPLICATION FOR BULLNOSING EXTERNAL CORNER

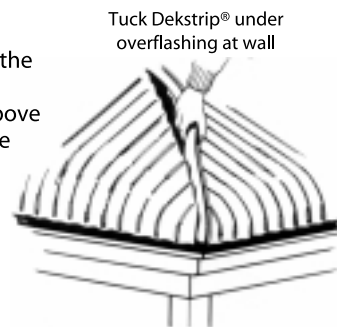
**1** For aesthetics and conformity fasten and fix poly pipe approx 40mm diam over the metal corner, ensuring the nail/screw doesn't protrude above the pipe. This now becomes the "former".

**2** Tuck the Dekstrip® under top ridge.

**3** Cut the Dekstrip® to required length.

**4** Centre the Dekstrip® over "former", using centre-line marked on product.

**5** Point for commencement of fastening is optional: either at the gutter, or on the flat just before the sheet curves down towards the gutter. It is recommended fasteners are applied progressively opposite and valley fixed. Using "former" as a guide, fasten flashing to roofing profile ensuring adequate amount of silicone\* sealant is applied behind the fastened edges. A small amount of "width stretching" over the poly pipe is recommended to achieve a pleasing shape. Tuck the Dekstrip® under overflashing at wall.

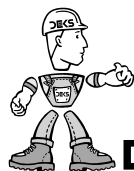


### OPTIONS

**1** Start fixing and work down nosing to gutter, then up to the under-flashing.

### OR

**2** Start at gutter edge and work up to overflashing at wall.



**Dektite®**  
First and the Best!

\*Refer to page 28 for silicone usage

## BULLNOSING AND PARAPET FLASHING

The wall to roof gap to be flashed should not exceed 145mm. Fasten Dekstrip®, preferably to down side of rib, 170mm away from the wall. Fasten the non-stretched side onto the roof commencing at the rear, finishing at the gutter. Unlike other applications, the Dekstrip® needs stretching in a **CERTAIN AREA ONLY** called the **BEND AREA** (see diagram), therefore fasten the wall edge up to the **"BEND AREA"**, then stretch the edge, form to shape and continue fastening to completion.

### Recommendations:

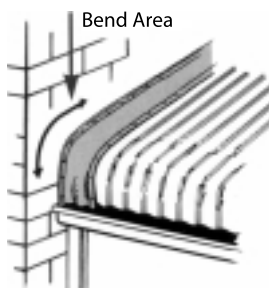
#### a) Fastening-

Minimum head size of 10mm.

#### b) Joining-

Metal strips are provided with 10 metre rolls for joining purposes.

(Not supplied with Bullnose pack as they are not required.)



## INTERNAL CORNERS VALLEY OR CONCAVE

### FIXING TO TOP SHEETS FOR THE ELIMINATION OF LEAF AND TWIG BUILD UP



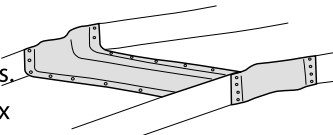
**1** Cut strip to required length.

**2** Commence fastening progressively and opposite in the valley of the corrugations using a liberal amount of sealant\* under all edges. The Strip Flashing need only be stretched in area of rib misalignment.

## EXPANSION JOINTS

Dekstrip allows for thermal expansion and contraction of box gutters.

- Fix evenly across the box gutter; keeping it flat and avoiding creases at corners.
- Ensure fixing points are well sealed with good quality washers and fasteners or sealed, washered rivets.



\*Refer to page 28 for silicone usage

## Dektite® Pipe Flashing Warranty

This warranty on Dektite® Pipe Flashing is given by DEKS Industries Pty Ltd 493 Mountain Highway, Bayswater, 3153, Victoria, Australia ("DEKS"), for the periods and under the terms and conditions listed below.

1. DEKS warrants that all Dektite® Pipe Flashings including Dekfit® Fittings ('the Products') furnished, will perform in accordance with our published specifications and will be free from defects in material and workmanship for a maximum period of 20 years, commencing from the date of delivery to end user.

Under this warranty DEKS will, at its option, repair or replace any defective Products. Any claim should be made in writing within 60 days following the discovery of any defect. DEKS shall not be liable for any costs incurred in the removal of defective items or installation of replacement items nor cost of freight and other associated charges.

2. This warranty shall not apply where:-

- (a) the Product has not been installed in strict accordance with our published recommendations;
- (b) the Product has been installed in an area which has been exposed at any time during the warranty period to corrosive conditions including but not limited to, corrosive chemicals, ash, fumes or condensates or harmful substance generated within or about the building(s) or fixture(s) to which the Product has been applied;
- (c) any damage to the Product has been caused as a result of the negligence or misuse of the Product by the claimant.
- (d) any modification to the specification of the Product has been made, save and except where any modification is reasonably necessary in adopting the Product to size.
- (e) defects in the Product are a result of mechanical or chemical damage, which occurred during shipment or storage prior to use;
- (f) defects are a result of acts of God or other external forces, including but not limited to, failure to provide free drainage of water from around the areas in which the Product has been installed.

3. To the extent permitted by law, this warranty is given in lieu of all other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. Where so permitted, the remedies stated herein are exclusive remedies and DEKS shall not be responsible for any indirect, consequential or incidental damages or further loss of any kind whatsoever except as expressly provided by in this Warranty.

**Deks Industries Pty Ltd**

ABN 77 109 135 544

