

METAL BUILDING



DEKTITE®

Pipe Flashing System

Dektite® is a one piece rubber flashing designed to accommodate the flashing of various pipe and flue materials onto a range of flat or profiled roof and wall sheets.

APPLICATIONS

- Plumbing, heating and air conditioning pipes and flues
- Ventilation pipes and ducts
- Safety rails
- Dust extraction plant
- Electrical services
- Marine applications
- Solar panel systems

PRODUCT INFORMATION

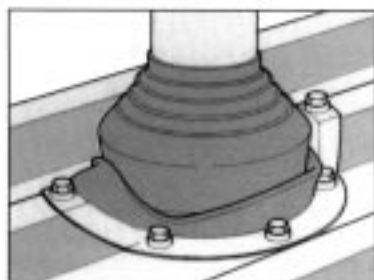
- The Dektite® system provides a flexible solution for flashing problems that has been proven over the past 20 years
- Designed to completely weatherproof pipes and flues wherever they penetrate profiled roofs and walls
- Dektite® eliminates the need for special purpose soakers or flashings and can be easily installed by one person
- The flexible rubber material allows for pipe movement due to expansion and contraction or vibration, maintaining a weatherproof seal

FEATURES AND BENEFITS

- **Resilient flexible sleeve** - correctly installed, Dektite® provides a close watertight compression fit around the pipe and a permanent seal at the base - eliminating costly call backs
- **Pleated design** - accommodates various roof pitches and relieves stress at the pipe connection
- **Unique annular rings** - provide a key beneath base for silicone sealant
- **Flexible aluminium base** - easily shaped by hand to suit a wide range of profile designs
- **Corrosion resistant** - made from EPDM or silicone rubber and aluminium, Dektite® will not corrode
- **Silicone rubber option** - suits high temperature applications
- **Cutting guides on sleeve** - to ensure correct compression seal around the pipe

DEKTITE® - PIPE FLASHING SYSTEM

ROUND BASE



Round base Dektite® is ideally fitted using a FX901 fixing kit

*Two FX901 fixing kits required

On a roof with a slope greater than 15° contact ITW Buildex

Range for normal applications. Suitable for 5mm dia. cables and rods and up to 480mm dia. pipes and flues.

TEMP. RANGE		BASE DIA.	OUTSIDE DIA. OF PIPE	
Max	Max		Flat or	Deep ribbed
115°	200°		profiled sheet	profiles - deeper
EPDM	Silicone		up to 40mm	than 40mm
(grey)	(red)		depth	depth
Code No		mm	mm	mm
DF101		120	5 to 65	5 to 55
DF102		160	50 to 75	50 to 65
DF103	DF203	195	5 to 120	5 to 110
DF104	DF204	235	75 to 160	75 to 135
DF105	DF205	275	115 to 195	115 to 170
DF106	DF206	325	125 to 230	125 to 195
DF107	DF207	370	150 to 275	150 to 225
DF108	DF208	420	175 to 325	175 to 270
DF109*	DF209*	650	250 to 480	250 to 420

RETROFIT

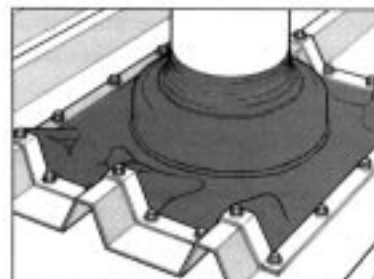


Retrofit Dektite® is ideally fitted using a FX901 fixing kit

For use in awkward applications or for repairing around failed flashings. Incorporates special stainless steel closure feature providing watertight seal and maximum corrosion resistance. No need to dismantle cowls or guy lines. Easy to use on tall pipes.

TEMP. RANGE		BASE DIA.	OUTSIDE DIA. OF PIPE	
Max	Max		Flat or	Deep ribbed
115°	200°		profiled sheet	profiles - deeper
EPDM	Silicone		up to 40mm	than 40mm
(grey)	(red)		depth	depth
Code No		mm	mm	mm
RFB01		160	20 to 70	20 to 60
RFB02		275	50 to 190	50 to 160
RFB03		370	85 to 255	85 to 215

SOAKER



Soaker Dektite® is ideally fitted using a FX902 fixing kit

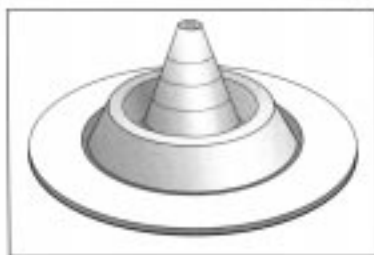
*Two FX902 fixing kits required

Eliminates damming effect between ribs. Provides flat tray area for easy water run-off. Suits wide range of pipe diameters - 75mm to 610mm. Profiled top and bottom edges - minimal distortion of flashing by profiled sheet.

TEMP. RANGE		BASE DIA.	OUTSIDE DIA. OF PIPE
Max	Max		Flat or
115°	200°		profiled sheet
EPDM	Silicone		up to 40mm
(grey)	(red)		depth
Code No		mm	
DF602	DF702	410 x 360	75 to 155
DF603	DF703	485 x 460	114 to 254
DF605*	DF705*	708 x 635	254 to 410
DF606*		1415 x 905	410 to 610

DEKTITE® - PIPE FLASHING SYSTEM

MINI

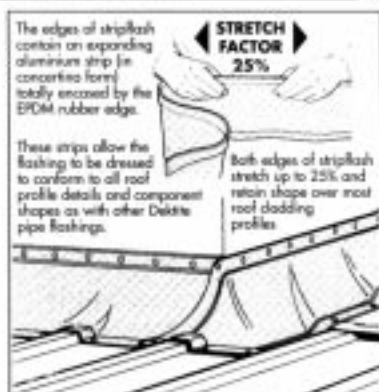


Suitable for individual wires, cables and pipes up to 35mm diameter.

TEMP. RANGE	BASE DIA.	OUTSIDE DIA. OF CABLE/PIPE
Max 115° EPDM (grey)		
Code No	mm	mm
DF100	92	0 to 35

One FX901 fixing kit is sufficient to install 3 mini Dektite®

STRIPFLASH



Flexible Dektite® system for use on large ducting, square or round pipes, parapet flashing, chimneys, skylights and expansion joint details. Solves problems associated with non-standard flashing details. Supplied in 10m roll lengths. Can be cut or joined to provide required lengths. EPDM rubber gives high resistance to ozone, weather and water. Operating temperatures -30°C to 115°C.

TEMP. RANGE	SIZE
Max 115° EPDM (grey)	Per roll
Code No	
DSFEG	10m (L) x 225mm (W)

Stripflash is ideally fitted using an FX903 fixing kit.

TECHNICAL DATA

Under normal weather conditions Dektite® pipe flashings have a life expectancy in excess of 20 years. Dektite® EPDM flashings are made of Ethylene Propylene Diene Monomer Polymer compound to give excellent resistance against ozone, ultraviolet light and water. Dektite® silicone flashings are made of high quality silicone rubber material.

	Constant	Intermittent
EPDM	max 115°C	150°C
Grey	min -30°C	-30°C

	Constant	Intermittent
Silicone	max 200°C	250°C
Red	min -60°C	-60°C

MATERIAL SPECIFICATIONS
Aluminium - A1200-0; EPDM - Colour Grey ASTM, D2000M, 2BA610, A14, B13, C12, F17, Z1, Z2, Z3, Z4.
Silicone - Colour Red ASTM, D2000M, 2GE605, A19, B37, EA14, F19, Z1, Z2, Z3.

FLASHING SQUARE PIPES

Dektite® pipe flashing may also be suitable for use on square pipes but care should be taken when choosing the size. The following example can be used as a guide.



The perimeter of a square pipe is 4 x D



The perimeter of a round pipe is approx. 3 x D

If D = 100mm, then the perimeter of the square pipe = 400mm, and the perimeter of the round pipe = 300mm. So the square to round ratio is approx. 4:3 (or multiply by 1.3)

Example: If one side of the square pipe measures 100mm, multiply this by 1.3, which equals 130mm. Then look up Dektite® from the table to suit 130mm round pipe :- DF104 or DF204

It may be necessary to apply a silicone sealant to the top of the pipe flashing if any gaps are evident. If in doubt contact ITW Buildex for advice.

DEKTITE® - PIPE FLASHING SYSTEM

FIXING KITS



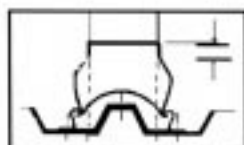
FX901 complete fixing kit - Comprises 78gm dispenser of silicone sealant, 1 trimming knife, 1 drill bit, 12 washered fasteners, 12 plastic caps, lubricant, fitting instruction leaflet.

FX902 complete fixing kit - For soaker flashings - Comprises three 78gm dispensers of silicone sealant, 1 trimming knife, 1 drill bit, 30 washered fasteners, 30 plastic caps, lubricant, fitting instruction leaflet.

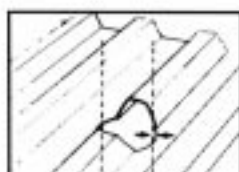
FX903 complete fixing kit - For stripflash - Comprises 150 washered fasteners, 150 plastic caps, plus three 310ml tubes of silicone sealant, one drill bit and fitting instruction leaflet.

Silicone sealant - The high grade silicone sealant included in fixing kits remains flexible throughout the life of the flashing. It is an adhesive as well as a sealant and will remain serviceable to the same extremes of temperature as the Dektite® flashing range.

INSTALLATION GUIDELINES



Dektite® should dress up pipe a minimum of 20mm. (See note 2)



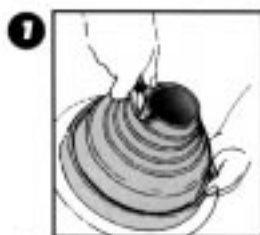
Keep clearance holes to a minimum.

For optimum performance, wherever possible the flashing should be centred on a high corrugation.

NOTE

1. Generally no sealant is required around the pipe where the Dektite collar provides a compression fit. However, some metal pipes and flues include a seam which may require a local application of silicone sealant at the point where the dektite collar crosses the seam.

2. Dektite® cone diameter to seal pipe should be minimum 25mm smaller than the pipe outside diameter. This will give approximately 20mm width of flashing material in contact with the pipe surface.



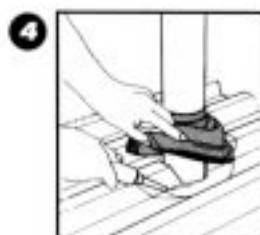
1 Cut to suit pipe size using scissors, or trimming knife as supplied in fixing kit, and following size cutting guide on sleeve.



2 Slide flashing down pipe using water or lubricant supplied in fixing kit.



3 Hand mould to fit profile. Mark around edge of dressed flashing. Pre drill tapping holes using drill bit supplied in fixing kit.



4 Hold back edge of flashing, brush away all loose swarf and apply a complete bead of sealant inside the entire marked line.



5 Firmly re-dress flashing. Fasten down using washered fasteners supplied in fixing kit.

Dektite® is the registered trademark of Dek-Ti-Tyre Pty. Ltd.

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All measurements are in millimetres unless otherwise stated