ITW Buildex

Dektite and Retrofit Dektite

The original flexible pipe flashing system with a 20 year warranty.

Standard Dektite

Retrofit Dektite
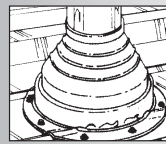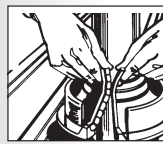
Dektite with Silicone

Dektite with wires

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Call our toll free number **800-387-9692** or visit **www.itwconstruction.ca** for general information.
Visit ITW Buildex's web site **www.itwbuildex.com** for the most current product and technical information.

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DESCRIPTION/SUGGESTED SPECIFICATIONS

Pipe Flashing Applications—

Dektite Will not crack or break. Dekite can be installed over or between the ribs of standard panels. Generally no sealant is required where the Dektite collar provides a compression fit around the pipe.
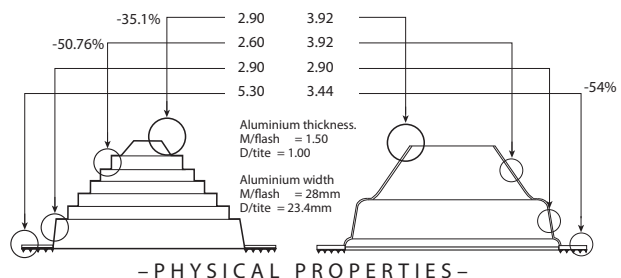
Standard Dektite   Retrofit Dektite

Retrofit Dektite makes difficult installations a breeze! Wraps around existing or difficult to access pipes. Snaps together in seconds. The built-in crimp means no loose clips or rivets. Grips tight and stays tight. The supple aluminum base conforms to metal profiles.

ADVANTAGES

- Made of long life, flexible, weatherproof gray EPDM rubber or red silicone.
- Flexible, corrosion resistant aluminum base conforms to any panel configuration.
- EPDM and silicone will not crack or break.
- Pipe diameter markings are clearly indicated for accurate fitting.
- Designed for 1/4" to 18" diameter pipes.
- Pleated cone adjusts to any roof pitch and allows for complete flexibility.

- One piece construction is easy to install.
- EPDM has a continuous service temperature range of -53˚C to +121˚C.
- Silicone has a continuous service temperature range of -40˚C to +176˚C
- Proven resistance to ozone and ultra-violet light.
- Thickness of the cone, particularly at stress points, considerably impacts on the life span of the flashing. Dektite is up to 66% thicker in some areas over the competition.
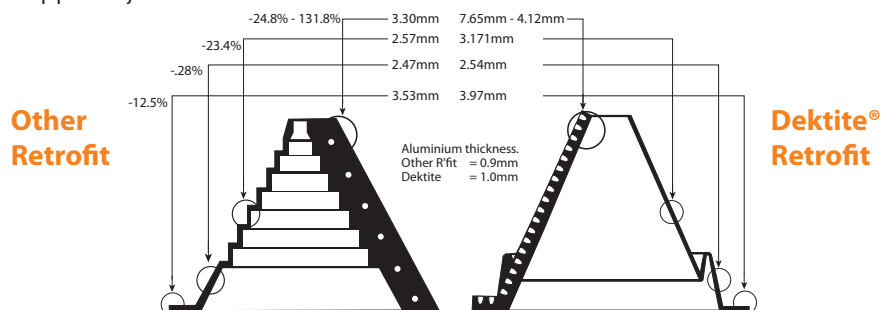
Step Design vs Dektite®

- No size markings on step design.
- Dektite underside rib height is 54% lower than step design, resulting in better drainage.

- Step design has exposed corner angles that become vunerable to degradation when stretched.
- Step produt is 50.76WT% thinner compound in critical areas.

-35.1%   2.90   3.92
-50.76%   2.60   3.92
          2.90   2.90
          5.30   3.44   -54%

Aluminium thickness.
M/flash   = 1.50
D/tite   = 1.00

Aluminium width
M/flash   = 28mm
D/tite   = 23.4mm

– P H Y S I C A L   P R O P E R T I E S –

Product Comparison

- Needs loose clips to join ends.
- Needs band to seal pipe.
- Needs sealant applied to base, seam & pipe seam join.

- Fully integrated waterproof seam joint
- Seals by strong compound & good design
- Only needs a sealant on roof and top of seam

-24.8% - 131.8%   3.30mm   7.65mm - 4.12mm
-23.4%   2.57mm   3.171mm
-.28%   2.47mm   2.54mm
-12.5%   3.53mm   3.97mm

Other Retrofit

Aluminium thickness.
Other R'fit = 0.9mm
Dektite   = 1.0mm

Dektite® Retrofit

Dektite and Retrofit Dektite

APPLICATIONS

Plumbing

Heating

Air Conditioning

Electrical and Exhaust Vents

SPECIFICATIONS

Pipe Diameter Ranges

1/4" to 18" - Dektite

3/4" to 10" - Retrofit Dektite

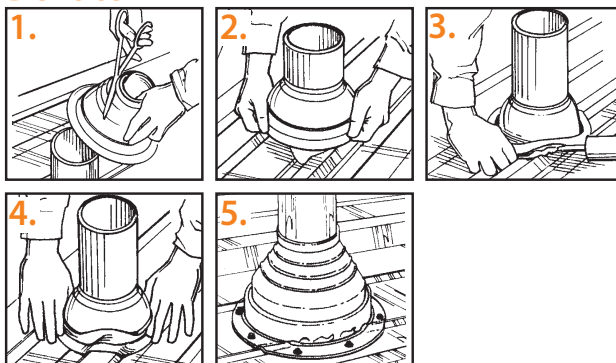1/4" to 18" - Silicone

Materials

EPDM - Standard and Retrofit

Silicone - High Temperature

Recommended Sealant: Chemseco Sikaflex® sealant, part number 4040910.
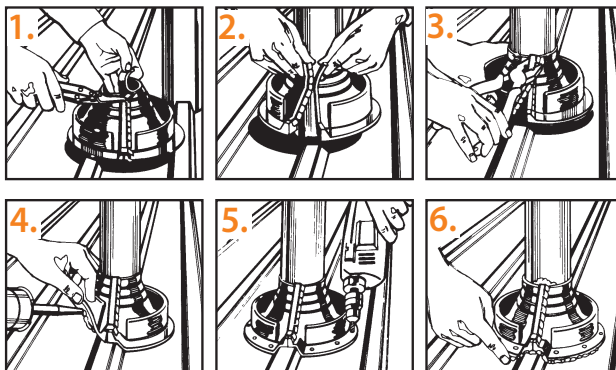
INSTALLATION INSTRUCTIONS

Dektite

1. Cut Dektite at appropriate pipe diameter marking.

2. Slide Dektite flashing down over pipe.

3. Apply sealant on underside of flexible aluminum base.

4. Press Dektite base into contours of panel configuration.

5. Fasten Dektite to surface with Buildex Scots self-drilling fasteners. Apply additional sealant around base if desired.

Notes:
- Dektite can be installed over or between the ribs of standard panels.
- Can be installed between the rib sections of a Standing Seam Roofs or Architectural Panel. Do Not install over the rib section of the SSR or Architectural Panel ribs.
- Generally no sealant is required where the Dektite collar provides a compression fit around the pipe. However, some metal pipes and flues include a seam which may require a local application of sealant at the point where the Dektite colla crosses the seam.
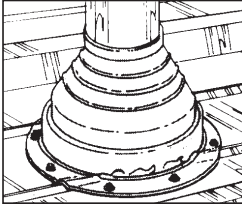
Retrofit Dektite

1. Begin cutting opposite of the mechanical locking joiner. Cut through the joiner with tin snips.

2. Wrap Retrofit Dektite around the pipe. Engage the top section of the joiner first, then proceed down until joiner is completely engaged.

3. Crimp joiner tightly, starting at the top by squeezing joiner "fingers" with pliers.

4. Apply sealant to the underside of the ribbed aluminum base. Press Retrofit Dektite against contours of the panel configuration.

5. Attach Retrofit Dektite to the panel with SCOTS® self-drilling screws. Screws should be spaced as necessary to avoid gaps between the base and the panel.

6. Apply additional sealant around the top of the Dektite, near the mechanical locking joiner seam.

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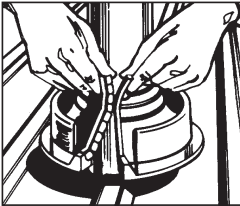
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SELECTION CHART

Dektite Flashing

PART NUMBER	REFERENCE NUMBER	DESCRIPTION	PIPE OUTSIDE DIAMETER	DEKTITE BASE DIAMETER	DEKTITE HEIGHT	BOX QTY
4001910	4001910	Mini EPDM	1/4" - 1-1/8"	3-1/2"	1-3/4"	20
8001	4003910	#1 EPDM	1/4" - 2"	4-3/4"	3"	10
8002	4004910	#2 EPDM	1-3/4" - 3-1/4"	6-1/4"	4"	10
8003	4009910	#3 EPDM	1/4" - 4"	7-3/4"	4"	10
8004	4011910	#4 EPDM	3" - 6"	9-1/4"	5"	10
8005	4016910	#5 EPDM	4" - 7"	10-3/4"	5"	5
8006	4018910	#6 EPDM	5" - 9"	12-1/2"	6"	5
8007	4020910	#7 EPDM	6" - 11"	14-1/2"	6"	5
8008	4025910	#8 EPDM	7" - 13"	16-1/2"	6"	5
8009	4028910	#9 EPDM	10" - 18"	25-3/8"	8"	2
4035910	4035910	#3 Silicone	1/4" - 4"	7-3/4"	4"	10
4036910	4036910	#5 Silicone	4" - 7"	10-3/4"	5"	5
4038910	4038910	#8 Silicone	7" - 13"	16-1/2"	6"	5
4039910	4039910	#9 Silicone	10" - 18"	25-3/8"	8"	2

Note: When used on roofs where pitch is steeper than 20 degrees, or when used on deep ribbed profile roof panel (1-1/2″ deep corrugation or more), consider using next larger size Dektite that will accommodate the same pipe diameter. **Flexible, Polyurethane-based elastomeric Sealant. Recommended Fastener: 1/4-14 x 7/8″ Scots˚ Teks˚/1, part number 1387209.**

Retrofit Dektite

PART NUMBER	REFERENCE NUMBER	DEKTITE SIZE NUMBER	PIPE OUTSIDE DIAMETER	DEKTITE BASE DIAMETER	DEKTITE HEIGHT	BOX QTY
8011	4029910	801 EPDM	3/4" - 2-3/4"	6-3/10"	3-1/2"	10
8012	4030910	802 EPDM	2" - 7-1/4"	10-3/4"	5-3/5"	5
8013	4031910	803 EPDM	3-1/4" - 10"	14-1/2"	5-4/5"	5

PERFORMANCE TABLE

Dektite Flashing

ASTM METHOD	TEST DESCRIPTION	SPECIFICATION	TEST RESULTS
D412	Tensile Strength (min. psi rating)	1450 psi min.	1537 psi
D412	Ultimate Elongation (%)	350 min.	535
D1171	Resistance to Ozone-min. rating	100 (no cracks)	Passed
D673	Heat Aging - 70 hrs. at 100˚C		
	• Change in Hardness (points)	± 15 max.	+8
	• Change in Tensile Strength (%)	± 30 max.	-4.7
	• Change in Elongation (%)	± 50 max.	-26

ASTM METHOD	TEST DESCRIPTION	SPECIFICATION	TEST RESULTS
D2137	Low Temperature Brittleness- 3 mins. at -40°C	Non-brittle	Passed
D624	Tear Resistance Die C (min.) per inch of width min.	125 pounds per inch of width	130 pounds
U.L. 94	Flame Resistance	U.S. 94 H.B.	Passed

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ITWBuildex B 43