Masport Heating	MODEL	R5000L or R5000P (NZ & AU)

INSTALLATION SPECIFICATION SHEET

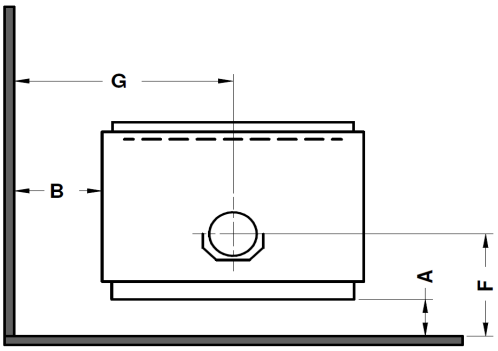
These instructions must be used in conjunction with the 'General Installation Instructions' for Masport wood fires.

CLEARANCE REQUIREMENTS

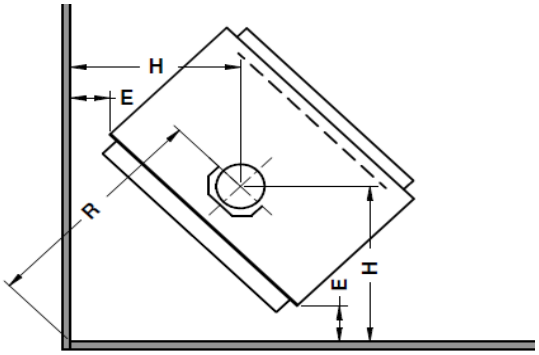
This fire has been tested and complies to the Australian/New Zealand Standard AS/NZS 2918:2001 and all installations must be in accordance with the minimum clearances to combustibles indicated in these instructions.

The minimum clearances to combustables may be reduced if the combustable walls are shielded with an approved non-combustable material. Details of suitable materials and appropriate clearance reduction factors are present in Section 3 of AS/NZS 2918:2001.

POSITIONING YOUR FREE-STANDING WOODFIRE



PARALLEL INSTALLATION



CORNER INSTALLATION

NEW ZEALAND

MINIMUM DISTANCES TO HEAT SENSITIVE WALLS (mm)

MODEL	FLUE SYSTEM & FLUE SHIELD	A	B	E	F	G	H	R§
R5000L/R5000P (SW) (Dry / Wet / Fan)	MASPORT FLUE + MASPORT DOUBLE SKIN SHIELD + TOP FLUE DIVERTER PLATE	128	200	85	324	550	441	624

AUSTRALIA

MINIMUM DISTANCES TO HEAT SENSITIVE WALLS (mm)

MODEL	FLUE SYSTEM & FLUE SHIELD	A	B	E	F	G	H	R§
R5000L/R5000P (HW) (Dry / Fan)	FLOMET UNIVERSAL FLUE SYSTEM	188	280	150	384	630	506	716
	FLOMET FLUE + MASPORT DOUBLE SKIN SHIELD + TOP DIVERTER PLATE	124	280	120	320	630	476	674
	AIR-GROUP SPECIAL INSULATED FLUE KIT WITH TOP DIVERTER PLATE *	125	395	155	321	745	511	723

§ Valid only when the room walls are at 90° to each other.

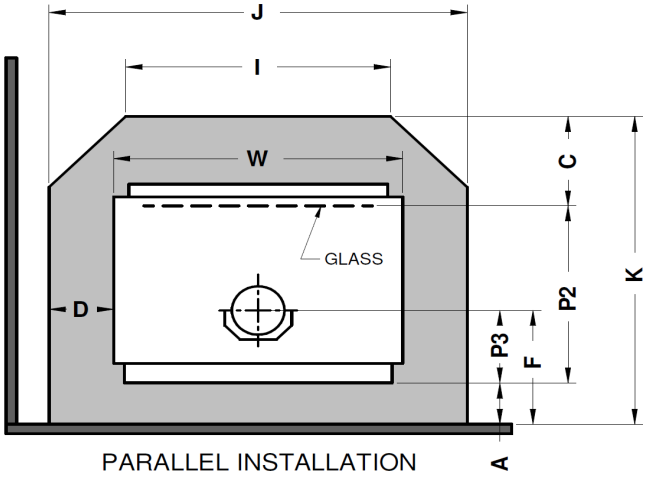
‡ Note: Clearances are for fire hazard only. For durability of finishes or surfaces you should contact the relevant manufacturer for their specification. Masport accepts no responsibility for the deterioration of surfaces or finishes.

* Air-Group Special Insulated Flue Kit is same as AHD Special Insulated Flue Kit

PRT. NO.	583268
DATE:	30.10.2012

FLOOR PROTECTOR (Hearth) REQUIREMENTS
PARALLEL INSTALLATION

MINIMUM FLOOR PROTECTOR DIMENSIONS IN mm



PARALLEL INSTALLATION

DIMENSIONS IN THE TABLE ARE VALID ONLY WHEN THE FIRE IS EXACTLY AT ITS MINIMUM ALLOWABLE WALL CLEARANCE.

NEW ZEALAND

MODEL	Flue Shield	Floor Protector height	A#	C#	D	F	I	J	K#	P2	P3	W	Floor Protector Type Ø
R5000L/R5000P (SW) (Dry / Wet / Fan)	LDS	ANY	128	300	100	324	522	900	968	540	196	700	AFP

LDS = MASPORT / LOGAIRE DOUBLE SKIN SHIELD 1200mm HIGH + TOP DIVERTER PLATE

AFP = ASH FLOOR PROTECTOR

AUSTRALIA - ALL WITH FLUE HEATSHIELD

MODEL	Flue Shield	Floor Protector height	A#	C#	D	F	I	J	K#	P2	P3	W	Floor Protector Type Ø
R5000L/R5000P (HW) (Dry / Fan)													
	FUF	ANY	188	300	100	384	600	900	1028	540	196	700	AFP
	FUL	ANY	124	300	100	320	600	900	964	540	196	700	AFP
	AGA	ANY	125	300	100	321	600	900	965	540	196	700	AFP

FUF = FLOMET UNIVERSAL FLUE SYSTEM

FUL = FLOMET UNIVERSAL FLUE + MASPORT DOUBLE FLUE SHIELD + TOP DIVERTER PLATE

AGA = AIR GROUP / AHD SPECIAL INSULATED FLUE KIT + 900mm S/S REFLECTOR SHIELD + TOP DIVERTER PLATE

AFP = ASH FLOOR PROTECTOR

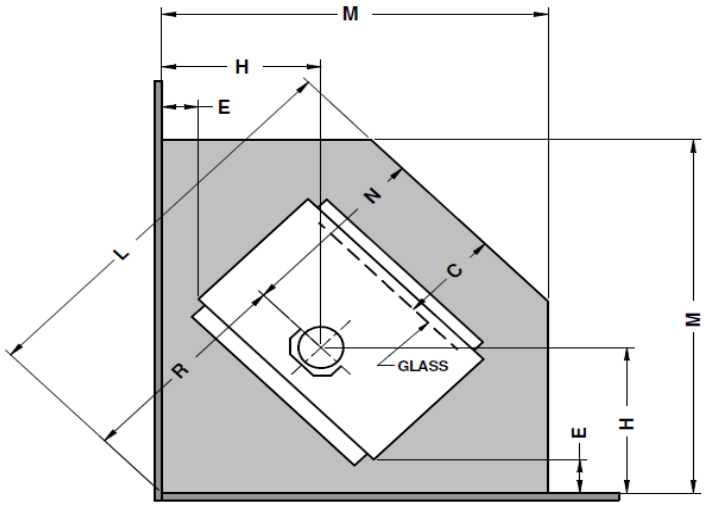
Ø for minimum constructional requirements see general installation instructions.

Valid only when the fire is exactly at its minimum allowable wall clearance.

NOTE: Where a fan is being fitted, you may prefer to increase the 'A' dimension to 100 mm to provide easier access for servicing. If so, the amount you add to 'A' to bring it to 100 mm must also be added to the 'C' and 'S' dimensions.

FLOOR PROTECTORS (Hearth) REQUIREMENTS
CORNER INSTALLATION

MINIMUM FLOOR PROTECTOR DIMENSIONS IN mm



CORNER INSTALLATION

DIMENSIONS IN THE TABLE ARE VALID ONLY WHEN THE FIRE IS EXACTLY AT ITS MINIMUM ALLOWABLE WALL CLEARANCE.

NEW ZEALAND

MODEL	Flue Shield	Floor Protector Distance above Floor	C	E	H#	L#	M#	N	R#	FLOOR PROTECTOR TYPE
R5000L/R5000P (SW) (Dry / Wet / Fan)	LDS	ANY	300	85	44	1268	1109	644	624	ASH

LDS = MASPORT / LOGAIRE DOUBLE SKIN SHIELD 1200mm HIGH + TOP DIVERTER PLATE

AFP = ASH FLOOR PROTECTOR

AUSTRALIA

MODEL	Flue Shield	Floor Protector Distance above Floor	C	E	H#	L#	M#	N	R#	FLOOR PROTECTOR TYPE
R5000L/R5000P (HW) (Dry / Fan)										
	FUF	ANY	300	150	506	1360	1174	644	716	ASH
	FUL	ANY	300	120	476	1318	1144	644	674	ASH
	AGA	ANY	300	155	511	1367	1179	644	723	ASH

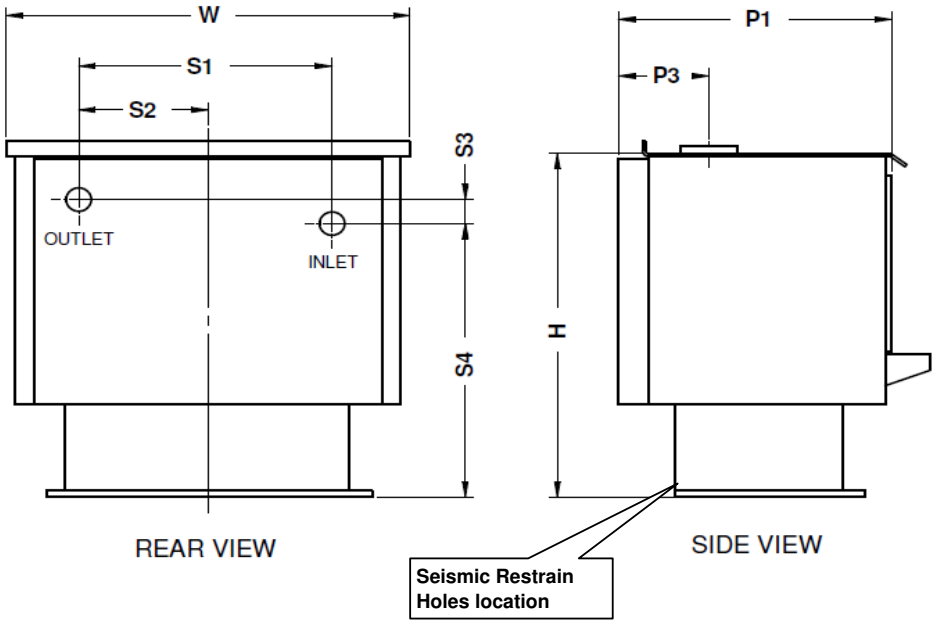
FUF = FLOMET UNIVERSAL FLUE SYSTEM

FUL = FLOMET UNIVERSAL FLUE+MASPORT DOUBLE FLUE SHIELD+TOP DIVERTER PLATE

AGA = AIR GROUP / AHD SPECIAL INSULATED FLUE KIT + 900mm S/S REFLECTOR SHIELD WITH TOP DIVERTER PLATE

AFP = ASH FLOOR PROTECTOR

FREE STANDING FIRE DIMENSIONS

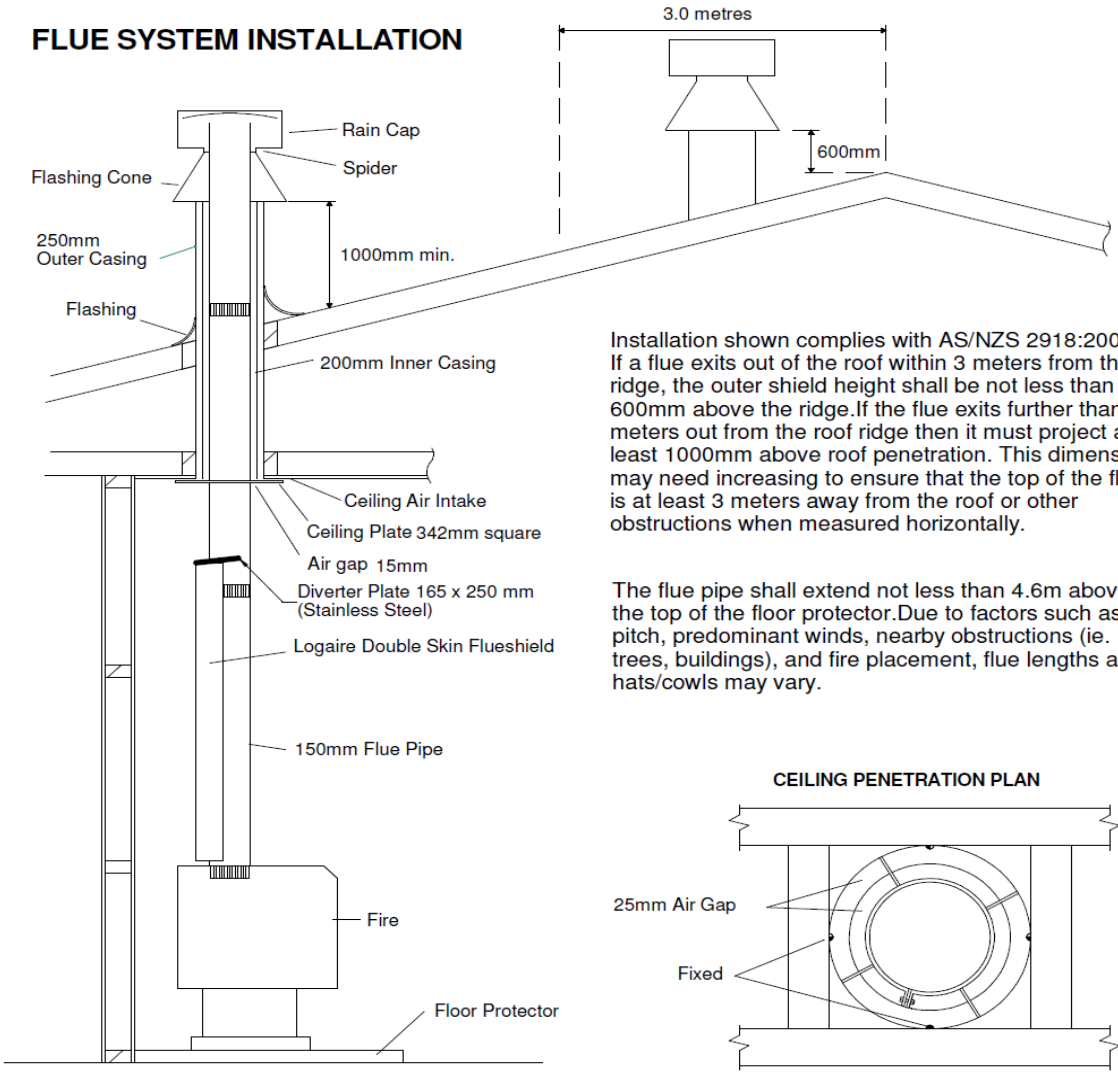


MODEL		P1	P3	H	W	S1	S2	S3	S4
R5000L or R5000P (NZ & AU)		576	196	720	700	340	170	20	587

Seismic Restrain - In New Zealand and some part of Australia, it is required that the wood fire and floor protector are secured to prevent shifting in the event of an earthquake. This is best done by fastening the wood fire right through the protector to the floor, using two screws not less than 12 guage or the equivalent size of coach bolts or toggle fasteners.

THIS FLUE INSTALLATION DIAGRAM BELOW IS VALID FOR NZ INSTALLATIONS ONLY.
FOR INSTALLATIONS IN AU PLEASE REFER TO SPECIFIC FLUE INSTALLATION SPECIFICATIONS SUPPLIED BY FLUE MANUFACTURER.

FLUE SYSTEM INSTALLATION



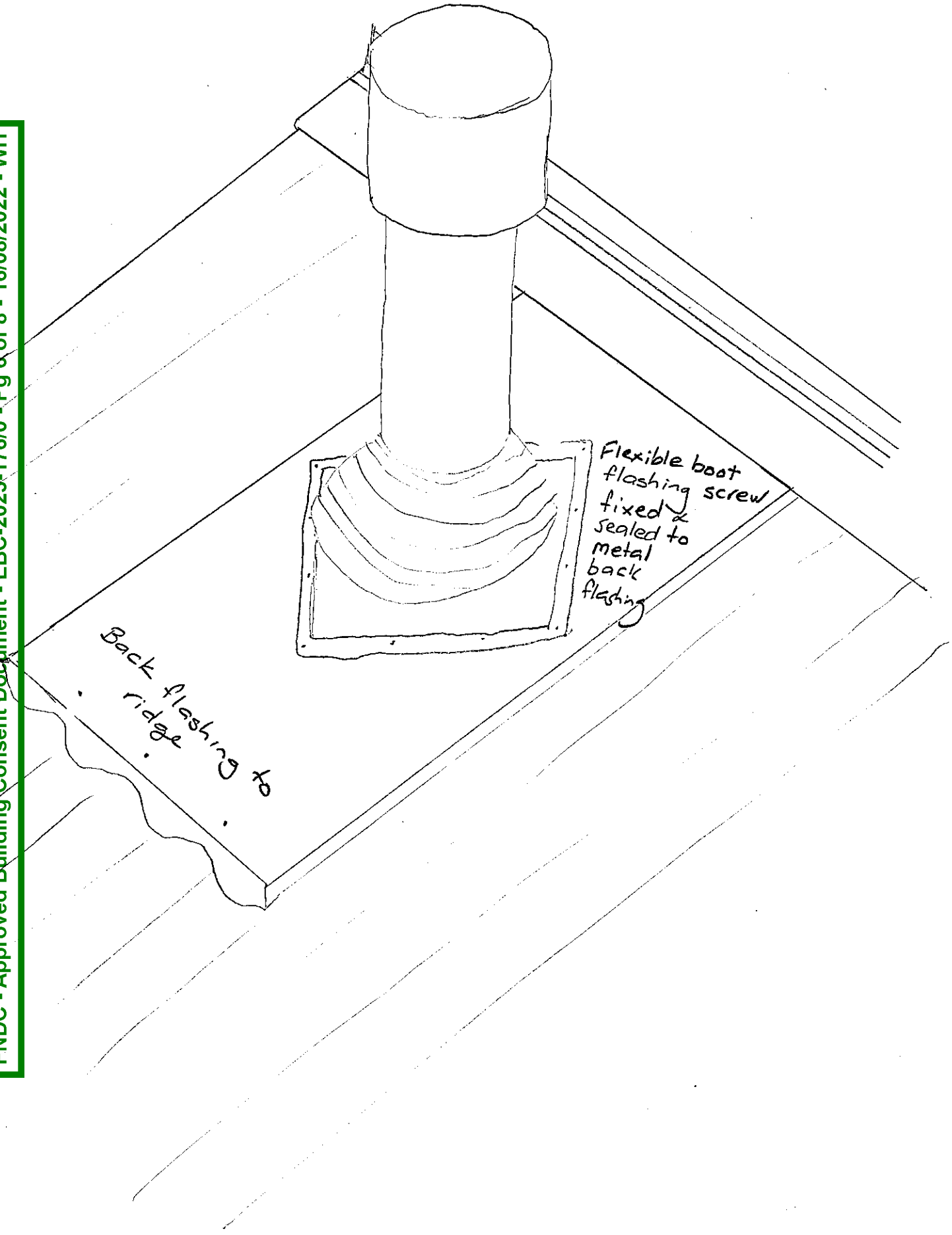
FLUE SYSTEM INSTALLATION 150mm

Installation shown complies with AS/NZS 2918:2001. If a flue exits out of the roof within 3 meters from the ridge, the outer shield height shall be not less than 600mm above the ridge.If the flue exits further than 3 meters out from the roof ridge then it must project at least 1000mm above roof penetration. This dimension may need increasing to ensure that the top of the flue is at least 3 meters away from the roof or other obstructions when measured horizontally.

The flue pipe shall extend not less than 4.6m above the top of the floor protector.Due to factors such as roof pitch, predominant winds, nearby obstructions (ie. trees, buildings), and fire placement, flue lengths and hats/cowls may vary.

CEILING PENETRATION PLAN

Above plan vaild is only for manufactured by Glen Dimplex Australasia or Sheetmetal Fabricated Products Ltd, Auckland, New Zealand.
For other products, use specific flue installation specifications supplied by the manufacturer.

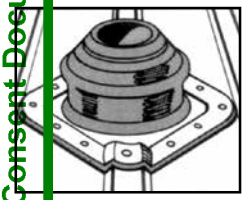


Dektite Premium

The versatile solution

- Most extensive range of Dektites for flashing penetrations 0 - 510mm, available in black and grey EPDM and silicone red for high temperatures.
- Designed to enable practically any pipe flashing operation to be carried out within minutes, simple to install and very effective.
- The low profile cone not only looks good but provides a generous internal clearance, so even the steepest roofs are handled with ease.
- Suitable for flashing pipes that penetrate wall claddings.
- Can also be used to flash square penetrations. Just add 30% to the pipe diameter and trim the cone to suit.
- EPDM withstands temperatures from -50°C to 115°C and up to 150°C intermittently.
- Silicone withstands temperatures from -60°C to 200°C and up to 250°C intermittently.

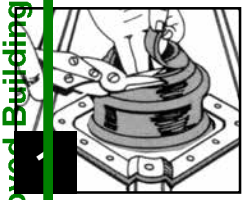
Installation Instructions:



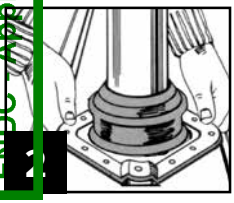
NOTE:

For more effective drainage, always fit the Dektite on the diamond or bias.

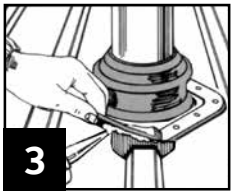
Dektites are suitable for flashing pipes that penetrate wall claddings.



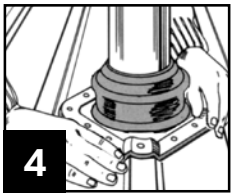
Cut a neat hole in roofing sheet with minimum clearance for pipe and insert pipe through hole. Trim the cone to suit pipe size using sharp tin snips. Where required, support cut sections of sheet with additional framing.



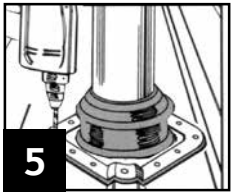
Slide Dektite flashing down over pipe. Lubricating the pipe with water allows the pipe to slide snuggly into position.



Apply a neutral cure 100% silicone sealant (roof and gutter approved) to the underside of the Dektite by turning back the flexible flange.



Press base to the roof profile by hand, smooth out any awkward creases. Don't fully extend to allow for vibration.



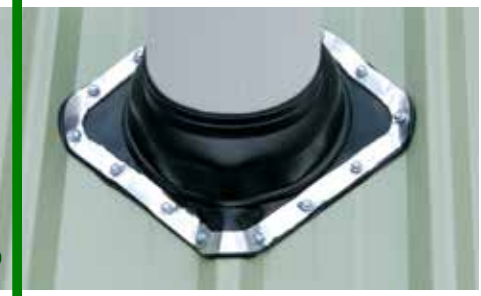
Fasten using self drilling washered screws or sealed rivets. Fit fasteners progressively outward in opposing pairs to avoid gaps.

Dektite Premium

The versatile solution

CODE: BLACK EPDM	CODE: GREY EPDM	CODE: RED SILICONE	BASE (MM)	PIPE (MM)	ROOF PITCH
DFE10MB			71 x 71	0-20	Up to 60°* See foot note
DFE100B	DFE100G		100 x 100	0-35	
DFE100BS*		DFE200RES	100 x 100	0-35	
DFE101B	DFE101G		139 x 139	5-55	Up to 45°* See foot note
DFE101BS*		DFE201RES	139 x 139	5-55	
DFE102BA	DFE102GA	DFE202REA	181 x 181	50-70	
DFE103B	DFE103G	DFE203RE	218 x 218	5-127	
DFE104B	DFE104G	DFE204RE	279 x 279	75-175	
DFE105B	DFE105G	DFE205RE	309 x 309	100-200	
DFE106B	DFE106G	DFE206RE	363 x 363	125-230	
DFE107B	DFE107G	DFE207RE	456 x 456	150-300	
DFE108B	DFE108G	DFE208RE	495 x 495	170-355	
DFE109B	DFE109G	DFE209RE	680 x 680	230-508	

* DFE100BS and DFE101BS both have multiple cable nipples



Can a Dektite flash a square pipe? YES!

100mm Round

Circumference = 314mm

100mm Square

Perimeter = 400mm

Difference = Approx. 30%

Therefore, to suit square pipes/stanchions add 30% to the diameter of the pipe and cut accordingly.

100mm x 30% = 130mm to suit a square

NOTE: Refer to page 7 for guide to Dektite square penetrations from 20mm - 125mm.