

Technical Data Sheet

AXTER OUTLETS and LEAF GUARDS

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Axter offers a high quality roof drain system designed for new build and refurbishment. The Axter rainwater and parapet outlets are manufactured from 0.7mm stainless steel with a factory bonded flange providing an excellent bonding area. Certain sizes (62mm, 95mm and 145mm) are more commonly used in refurbishment applications and the 'O' ring supplied provides an excellent seal whilst still allowing for movement. The pipe length is 300mm on rainwater outlets and 400mm on parapet outlets.

Membrane Bonding: Both rainwater and parapet outlets have a large 500mm square high quality bituminous membrane flange to provide an excellent bonding area.

RAINWATER OUTLET - PERFORMANCE:

Outlet Ø	Pitch <1:80	Pitch >1:80
50mm	50-90m ² roof area*	20-40m ² roof area*
62mm	60-160m ² roof area*	20-65m ² roof area*
75mm	90-160m ² roof area*	35-70m ² roof area*
95mm	105-200m ² roof area*	45-85m ² roof area*
110mm	135-245m ² roof area*	55-100m ² roof area*
145mm	250-300m ² roof area*	100-125m ² roof area*
160mm	300-370m ² roof area*	125-155m ² roof area*

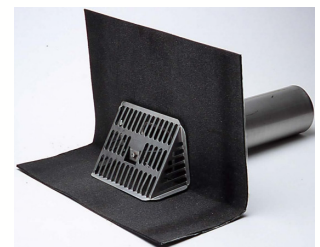
(also available in 40, 70, 80 and 125mm external diameter)



PARAPET OUTLET - PERFORMANCE:

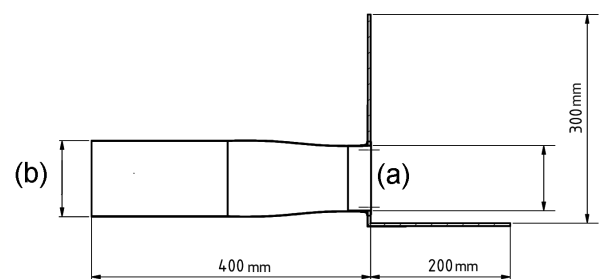
Parapet outlet	Pitch <1:80	Pitch >1:80
(b): 50mm; (a) 40x40mm	20-28m ² roof area*	6-11m ² roof area*
(b): 75mm; (a) 65x65mm	32-44m ² roof area*	11-18m ² roof area*
(b): 110mm; (a) 90x90mm	48-66m ² roof area*	18-27m ² roof area*

*Estimated figures, exact area dependant on the location in the country. Contact Axter Limited for more information.



A minimum of 2 outlets is required (regardless of the roof size) with water depth of 35mm. As recommended by UK design standard BS EN 12056:3-2000.

Outlets should be placed at the lowest point of the roof. The deflection of the construction must be taken into consideration.



LEAF GUARDS

UNIVERSAL LEAF GUARD

The stainless steel universal leaf guard is a solid and effective leaf guard which securely clamps to the inside of the outlet stem.

Suits all sizes of rainwater outlets.

Two sizes available: 210mm x 210mm and 325mm x 325mm.



PARAPET LEAF GUARD

The parapet leaf guard is a solid and effective leaf guard which is securely attached to the inside of the outlet and is fully adjustable to fit all three parapet outlet sizes.

Size: 140mm x 225mm.



CYLINDRICAL LEAF GUARD

The stainless steel cylindrical leaf guard is mainly used for ballasted roofs.

Sizes: Ten standard sizes are available: 50mm to 160mm.



WIRE BALL LEAF GUARD

The plastic coated wire ball is an effective, yet economical leaf guard, which is able to prevent small debris entering the roof outlet.

Sizes: Ten standard sizes are available: 50mm to 160mm.



BALCONY LEAF GUARD

The balcony leaf guard is used for balconies and other areas which are exposed to light foot traffic.

Sizes: Three standard sizes are available: 50mm, 62mm, 75mm.



MONSOON LEAF GUARD

An aesthetic option, particularly for roofs incorporating paving slabs.

Size: 210mm x 210mm x 40mm high



TERRACE GRATES

The terrace grates are made from stainless steel and are 200mm x 200mm square. They are drilled at the top and the base and allow drainage at the top as well as at waterproofing level.

Size: available in 3 different heights: 60-90mm; 90-120mm; 120-150mm.

Other sizes are available to special order.



MAINTENANCE

Periodic inspection should be carried out to ensure that the outlets are free of debris, leaves and gravel which could impair the performance of the drainage system.