



The first truly new gutter profile for years - the inside halfround profile provides the ideal shape for efficient drainage whilst the external "Serpentine" shape adds visually pleasing curves to both new and refurbished eaves.

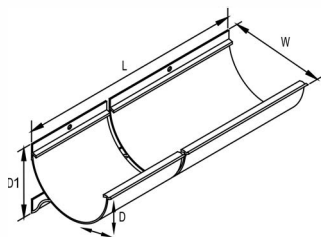
2.0mm thick high strength aluminium extrusion (alloy 6063T6) results in a gutter more than strong enough to withstand everyday loads, whilst the bottom leg provides added support for snow loading.

Designed to be fixed without the need for brackets, the Serpentine HR gutter gives a smooth unbroken appearance. With straightness tolerances of +/- 1.5mm/metre, the extrusion process offers the cleanest lines possible.

Standard Gutter Length

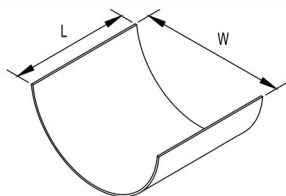
Use maximum length to minimise joints.

dim (mm)	Ref: SG/135	SG/175
W	135	175
T	2	2.5
D1	100	130
D	70	95
L	To 3000	To 3000



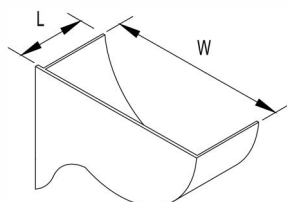
Union Joints

dim (mm)	Ref: SUJ/135	SUJ/175
L	98	98
W	120	160



Stop Ends

RIGHT HAND		
dim (mm)	Ref: SSRH/135	SSRH/175
L	49	49
W	120	160
LEFT HAND		
dim (mm)	Ref: SSLH/135	SSLH/175
L	49	49
W	120	160



Left hand depicted

Special Features:

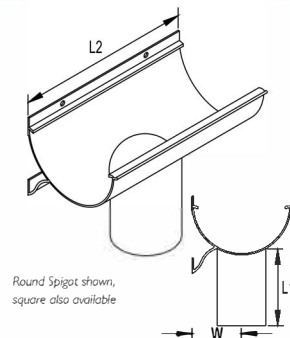
- The unique profile (Registered Design No. 2094352) allows the gutter to be fixed without brackets, resulting in speedy, economical installation.
- The lip detail at the top of the gutter section allows the joint to lock into place.
- The "Serpentine" leg feature provides snow loading support along the full length of the gutter.
- A totally distinctive appearance.

Running Outlets

Where deep fascia boards are to be used 'L1' can be increased. This should be noted when specifying.

dim (mm)	Ref: SRO/135	SRO/175
L1	100	100
L2	300	300
W	69	89

Spigots can be fitted to suit all sizes of rainwater pipes except SRO/135 which cannot accommodate 150 Ø or 150 square rainwater pipes.



Angles

Where Ø is 90°

EXTERNAL ANGLE

dim (mm)	Ref: SEX90/135	SEX90/175
L	285	310

INTERNAL ANGLE

dim (mm)	Ref: SIN90/135	SIN90/175
L	285	310

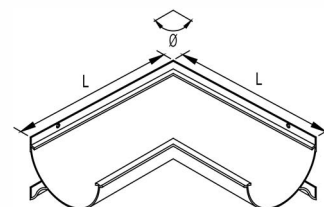
Where Ø is 135°

EXTERNAL ANGLE

dim (mm)	Ref: SEX45/135	SEX45/175
L	206	222

INTERNAL ANGLE

dim (mm)	Ref: SIN45/135	SIN45/175
L1	206	222



Internal depicted

Angles are available in standard 90° & 135° (Ø), non-standard angles can also be supplied.

FIXING THE GUTTER (A)

Position the outlets to line up with drain location. Fix the outlets to the fascia board through the holes provided. Similarly, fix angles and stop ends. Set a line between the angles and outlets or stop ends, and fix gutter lengths at 500mm centres, again using the holes provided. Gutters should be secured to the fascia board using No.10 x 25mm zinc plated or stainless steel roundhead twin-threaded woodscrews.

SEALING THE JOINTS

The Serpentine Gutter System is a direct fix gutter with internal union joints sealed using a compressive tape & low modulus silicone sealant. The gutter joint provides a permanent seal within the manufacturing tolerances of the material, the construction tolerances of the building, and able to withstand the cyclic thermal movement associated with climatic conditions.

FURTHER INFORMATION CAN BE FOUND IN INSTRUCTION SHEET REF. IS-SG1, AVAILABLE ON REQUEST

