



**Primarily suited for use with:** Warm roofs, terraces, walkways and cold roof build-ups.

Part Code	Pipe connection size (O.D)	A	B	C	D	Max. Flow rate (l/s)
AR82F	82mmØ	377	111	82	255	5
AR110F	110mmØ	377	136	110	255	10.7
AR160F	160mmØ	377	111	160	255	19

Flow rates are measured at 35mm head of water for outlets up to 110mmØ and 45mm head of water for 160mmØ outlets, in accordance with BS EN 1253-2. Units are supplied with 500mm long threaded PVCu pipe connectors

## Product description

Elite rainwater drainage outlets, together with ancillary components, are suitable for use with bituminous, hot melt, GRP, single ply and liquid applied waterproofing membranes.

Compatible roofing build-ups include: Warm roofs, terraces, walkways and cold roofs

- All outlet components are manufactured from marine grade aluminium to give an extensive life expectancy of at least 50 years.
- To ensure ultimate reliability and confidence, the Elite outlet range has been rigorously tested to withstand water depths surpassing 1m.
- The Elite range incorporates PVCu pipe connectors, providing an air tight seal and thermal break between the outlet body and connecting pipework, preventing cold bridging.
- Our roof outlet range connects to all common PVCu, HDPE and socketless cast iron pipework sizes.
- Supplied threaded PVCu pipe connectors are manufactured from BS EN 1329 pipework and are therefore suitable for use with pipe wraps and fire collars.

## Standards

All Marley Alutec systems are manufactured to and in excess of the appropriate BS or EN Standards.

## Online drainage design tool

The elite range comes complete with an online drainage design tool, in full compliance with BS EN12056-3, allowing fast and simple drainage design whilst ensuring correct product specification. Click below to access the tool:



## Alutec NBS Specifications

Alutec has created an easy to use online specification generator. Simply select your chosen product and you will receive a full specification with applicable clauses. Click below to access the generator

**nbsPlus**

**Clause:** R10/365

**Product:** Elite roof outlet

**Type:** Dome grate/Flat grate/Extended grate/Car park

**Manufacturer:** Marley Alutec, Unit 1 (G-H), Hudson road, Elms farm Ind. Estate, Bedford MK41 0LZ

## Product information

For further product information select the relevant link below.

## Technical Services Department

Marley Alutec Technical Services Department has many years' experience in assisting specifiers with all aspects of drainage design and installation. For advice, contact them on [enquiries@marleyalutec.co.uk](mailto:enquiries@marleyalutec.co.uk), 01234 344108.

## Maintenance

For optimum performance, roof outlets should be inspected and cleaned every six months to ensure peak operation.

## Environmental

Marley Alutec is committed to continually reducing its environmental impact and is accredited to ISO 14001:2004.



## Handling & storage

All goods should be stored under cover to protect against ingress of water between surfaces of composite aluminium sheets. Flat panels should be stored fully supported on a flat surface. Profiled lengths should also be fully supported throughout the product length and appropriately stacked to avoid damage to the profile.

Ensure that the self-adhesive peel off protective cover is not damaged during handling exposing the painted surface to potential damage.



**evolve** RAINWATER SYSTEMS



**traditional** RAINWATER SYSTEMS



**aligator** RAINWATER SYSTEMS



**evolve** FASCIA, SOFFIT & COPING



**elite** ROOF OUTLET SYSTEMS

**ALUTEC**  
ALUMINIUM RAINWATER SYSTEMS

### Head office

For general enquiries, please call **01234 359438**  
For technical enquiries please call **01234 344108**  
email: [enquiries@marleyalutec.co.uk](mailto:enquiries@marleyalutec.co.uk)  
Fax: **01234 357199**

Unit 1 (G-H), Viking Industrial Park, Hudson Road,  
Elms Farm Industrial Estate, Bedford MK41 0LZ

### Export Division

Aliaxis UK  
Dickley Lane, Lenham, Kent, ME17 2DE  
Telephone: **01622 858888** Fax: **01622 850778**



an *Aliaxis* company

[f](#) /marleyalutec  
[t](#) @marleyalutec  
[in](#) /company/marleyalutec  
[marleyalutec.co.uk](http://marleyalutec.co.uk)