



**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.
- Aluminium is a sustainable material, infinitely recyclable and responsibly sourced.

## 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:



**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.

## Environmental

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



## Maintenance

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



**evolve** RAINWATER SYSTEMS



**traditional** RAINWATER SYSTEMS



**aligator** RAINWATER SYSTEMS



**evolve** FASCIA, SOFFIT & COPING



**elite** ROOF OUTLET SYSTEMS

**ALUTEC**  
ALUMINIUM RAINWATER SYSTEMS

### Head office

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