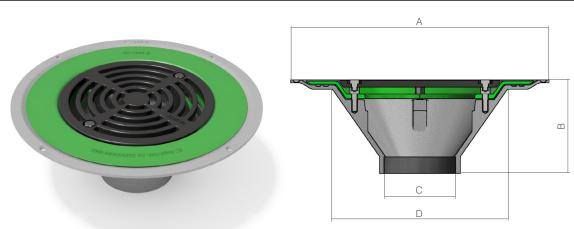
# **Product Data Sheet** Flat Grate Roof Outlet



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

Part Code	Pipe connection size (O.D)	А	В	С	D	Max. Flow rate (I/s)
AR82F	82mmØ	377	111	82	255	5
AR110F	110mmØ	377	136	110	255	10.7
AR160F	160mmØ	377	111	160	255	13.5

Flow rates are measured at 35mm head of water for outlets up to 110mm@ and 45mm head of water for 160mm@ 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 or drainage design and installation. For advice, contact them on enquiries@marleyalutec.co.uk, 01234 344108.

#### Maintenance

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



For optimum performance, roof outlets should be inspected and cleaned













# **Head office**

For general enquiries, please call 01234 359438 For technical enquiries please call 01234 344108 email: enquiries@marleyalutec.co.uk Fax: 01234 357199

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



