



## Product Datasheet

# Cast Aluminium Gutter System

1 of 3

### Heritage Cast Aluminium Gutters

A full range of traditional gutter profiles with simple spigot joints, wet sealed and bolted with an extensive range of fixing options. Heritage gutters are manufactured using modern aluminium casting techniques and are factory finished.

**Half Round**100mm (4"), 113mm (4.5"),  
125mm (5"), 150mm (6")**Beaded Half Round**100mm (4"), 113mm (4.5"),  
125mm (5")**Beaded Deep Run**

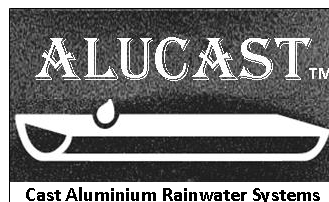
113x75mm (4.5x3")

**Victorian Ogee**100mm (4"), 113mm (4.5"),  
125mm (5")**Moulded**100x75mm (4x3"), 125x100mm (5x4"),  
150x100mm (6x4")

### General

**Colour Options**

Alucast Heritage Cast aluminium rainwater products are supplied in plain (mill) finish or in a range of factory applied polyester powder coatings. The standard range comprises the 32 colours. Other colours with a BS or RAL number can be supplied to special order.



## Product Datasheet

# Cast Aluminium Gutter System

2 of 3

### General

#### Quality

Alucast operates a quality assurance management system.

#### Durability

Cast Aluminium gutter systems have a low maintenance life in excess of 40 years in rural and suburban conditions, and in excess of 25 years in industrial and marine conditions.

#### Compatibility

Direct aluminium contact with dissimilar metals or with materials containing lime or cement should be avoided. The polyester coating is an insulation but a liberal coating of bitumen will be an additional safety factor. The use of aluminium in conjunction with copper roofs, cladding or flashings should be avoided. Contact Rainwater Direct Ltd Technical Services for advice where heavily polluted atmospheres or marine conditions are involved for advice on material choice.

#### Fire Rating

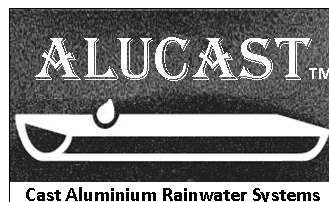
Non-combustible to BS 476, Part 4: 1970 (1984). Melting temperature for aluminium is approximately 660°C.

#### Lightning Conductivity

The need for a lightning protection system is a decision to be made between the architect, the builder and the lightning protection engineer. This should be based on the risk factor as calculated in BS 6651:1999. When such a system is chosen for a building all metal gutters should be cross bonded into it.

### Maintenance - Routine Inspection

- ☐ Regularly clean out rainwater heads and gutters and ensure that downpipes are clear at all times.
- ☐ Check that joints and fixings are secure by periodic inspection, not less than twice a year, and preferably at the beginning of Autumn and again at the end of Winter.
- ☐ Brush down unpainted surfaces lightly to inspect if required.
- ☐ Plain finish goods will develop a natural grey aluminium oxide coating which forms a hard protective layer, preventing additional oxidization.
- ☐ Even with a well fixed installation, ladders should not be rested against the gutters.
- ☐ Clean polyester coated surfaces by regularly washing down with a warm detergent solution, and maintain paintwork in good condition. Do not clean with caustic or abrasive materials. In aggressive atmospheres such as marine environments and industrial areas BS 6496:1984 requires this cleaning to be carried out at up to three month intervals to maintain optimum appearance and durability.
- ☐ Lightning linkage fixings should be tested regularly in accordance with the specialist electrical maintenance instructions.



## Product Datasheet

# Cast Aluminium Gutter System

3 of 3

### Technical Support

For more information please talk to our professional technical team for more advice.

Telephone	+44 (0)1536 762400
Email	<a href="mailto:sales@rainwaterdirect.co.uk">sales@rainwaterdirect.co.uk</a>

Rainwater Direct Ltd pursues a policy of constant product development and information contained within this datasheet is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.