

## Environmental Datasheet

# Aluminium Gutters & Downpipes

Ref: ED001RW

Alumasc aluminium gutters and downpipes provide rainwater collection solutions for all types of building, from domestic new build and refurbishment to large scale commercial projects. The range includes anti-climb and contemporary designs as well as heritage and bespoke fabrication options.

### Materials

Alumasc rainwater goods are precision cast, extruded and fabricated under ISO 9001 Quality management controls in a range of highly durable alloys. All Rainwater components are manufactured, procured and developed under Alumasc's company wide environmental policy and in accordance with their ISO 14001:2004 Environmental Management System accreditation.

### Manufacture

Alumasc Aluminium Rainwater goods are manufactured and independently assessed at Alumasc's Burton Latimer site under their ISO 14001:2004 Environmental Management System. This not only ensures that upstream production processes have monitored for their environmental impact, but that due consideration is taken for all aspects of packaging, transport and disposal, in order to deliver as sustainable a rainwater product as practicable.



Heritage Cast Aluminium Gutters

### BREEAM Credits

Alumasc aluminium rainwater goods are able to contribute fully to achieving BREEAM credits for responsible sourcing of materials and as part of an overall water management or rainwater harvesting scheme.

### Powder Coating

In house powder coating processes have recently undergone development to remove usage of hazardous materials and discharges as part of an ISO 14001:2004 coordinated programme of environmental management.

### Recyclability

Aluminium is truly 100% recyclable and is routinely recycled and reused in the manufacture of all Alumasc cast and extruded products during its in house processing. All finished goods benefit being made from world wide aluminium stocks made up of 70% recycled material.

### Life Expectancy

Alumasc aluminium rainwater goods have a life expectancy in excess of 40 years. This greatly enhances the product's cradle to grave embodied energy figure relative to systems with shorter life spans. This also results in the removal of the appreciable costs, both environmental and monetary, of product replacement.

### Ecological information

Alumasc aluminium rainwater goods contain no toxic substances and perform excellently when assessed from cradle to grave for effects on water quality (eutrophication) and water and ground contamination (ecotoxicity).