



ALLOY 6082-T6 TO EN755

MECHANICAL PROPERTIES

YIELD STRENGTH: 230Mpa

TENSILE STRENGTH: 280Mpa

PHYSICAL PROPERTIES

DENSITY	2,70KG/DM ³
MODULUS OF ELASTICITY	70GPa
THERMAL CONDUCTIVITY	172W/m.c
COEFFICIENCY OF THERMAL EXPANSION	23.1 X 10-6/°C
ELECTRICAL RESISTIVITY AT 20°C	44% IACS
MELTING RANGE	575°C - 650°C

COMPOSITION

	Min.	Max.
Si	0.70	1.30
Fe		0.50
Cu		0.10
Mn	0.40	1.00
Mg	0.60	1.20
Cr		0.25
Zn		0.20
Ti		0.10
Other Elements	0.05 each	0.15 Total

Product specification data sheet: Heritage Round Downpipes



Materials:

Aluminium profiles are extruded from aluminium alloy 6063 T6 complying with:
BS1474 – BS EN 12020-2:2001 / BS EN 755-9:2001

Paint finishes (Polyester Powder Coatings):

Aluminium profiles can be dual colour polyester powder coated to BS6496.

AMS offers in house painting with the following paint suppliers:

Azko Nobel Interpon D,

Du Pont Alesta,

Beckers Powder



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MANUFACTURER: ALU-CAST ENTREPRISES LTD

Unit 2 - Corbally Industrial Estate, Kanturk, Co. Cork

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Fax: 029-51226

Email: info@alucast.

Web: www.alucast.ie

PRODUCT: Heritage Round Downpipes available in 75mm or 100mm dia and 2 or 3 mtr lengths.

Product Code: ACCRP3/C/-, ACCRP4/C/-

MATERIAL: Marine Grade Extruded Aluminium to BS EN755-9:2001 / BS EN 12020-2:2201.

Aluminium alloy 6063 to T5, T6 temper grade.

GUAGE: 2.0mm wall thickness

FINISH: Mill Finish or Polyester Powder Coated (BS EN12206-1: 2004) to selected RAL colour

FIXING METHOD: 2 – 8x60mm drive in fixings per socket

JOINTING: Jointing is achieved with a Heritage style die cast socket which is factory fitted.

ACCESSORIES: Swan Necks, Offsets, Plint Offsets, Y Branches, Bends, Shoes etc.to be supplied by same Manufacturer.

Materials to be installed strictly in accordance with manufacturer's instructions



HERITAGE RANGE DOWNPIPES

APPLICATION

- Specifically designed for modern contemporary buildings seeking to have a robust rainwater discharge system with high aesthetic.
- Heritage style diecast socket joining
- A clean contemporary aesthetic.

PERFORMANCE

- Low maintenance life expectancy of 40yrs
- Coefficient for thermal expansion – 0.000023degC
- Do not aid combustion
- Melting point approximately 660C

INSTALLATION

- Easy Installation with simple Heritage style diecast socket

MATERIAL

- Extruded Aluminium to BS EN755-2:2008. Aluminium alloy 6063 to T6 temper grade
- Lightweight, durable and non-corrodible (under normal atmospheric conditions)
- 100% recyclable

PROFILES/SIZES

- Round - 75mm, 100mm dia
- Square – 75mm, 100mm
- Rectangular- 75mm x 100mm
- 2mtr,3mtr lengths

FINISHES

- Polyester Powder Coated Finish
- Full RAL colour ranges / Mill Finish

