

PRODUCT DATA SHEET

GENERAL ALUMINIUM FLASHINGS

General

Colour Options

Alupress aluminium rainwater products are supplied in plain mill finish or in a range of factory applied polyester powder coatings. The standard range of RAL colours are available, non standard colours may be available subject to special order.

Product forms

Sheet, Foil, Bar, Rod, Tube, Wire, Profile section shape, Slugs impacts.

Material

Flashings 1mm to 5mm thick aluminium EN AW/1050A / ISO: A199, 5

Downpipes Extruded tube marine grade to BS EN755-2:2008 grade 6063 T4

Characteristic Properties

Very good atmospheric corrosion resistance. Very good workability. High thermal and electrical conductivity. Attractive appearance, high reflectivity. Very good weld ability. Low mechanical properties.

Durability

Aluminium flashings 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 environments.

Compatibility

Direct aluminium contact with dissimilar metals or with material containing lime or cement should be avoided. The use of aluminium in conjunction with copper roofs, cladding or flashings should also be avoided.

Fire Rating

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

Maintenance

- 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 necessary.
- Plain mill finish goods will develop a natural grey aluminium oxide coating which forms a hard protective layer preventing additional oxidation.
- Clean polyester powder 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 BS649:1984 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.

