

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.



PRODUCT DECLARATION / TECHNICAL SPECIFICATION

Document Ref: ALUPRESS–EWI–SILL–IRL–01

Product:

2.0 mm aluminium powder-coated External Wall Insulation (EWI) windowsill with welded rear upstand, welded side reveals, and welded stop end.

1. Manufacturer

Alupress Ireland

2. Product Description

Fabricated aluminium windowsill designed for use with External Wall Insulation (EWI) systems. Manufactured from flat aluminium sheet, formed and welded to required profiles including welded watertight upstands and stop ends.

3. Intended Use

For installation at window openings in EWI systems to:

- Assist controlled rainwater discharge
- Protect façade elements
- Reduce risk of water ingress

4. Materials

- Aluminium alloy: EN AW-1050A H14 (to EN 573 / EN 485 / EN 515)
- Thickness: 2.0 mm

5. Finish

- Polyester powder coating applied post-fabrication
- Colour and specification as per project requirements

6. Fabrication

- CNC cut, folded and welded
- Welded rear upstand
- Welded end caps / stop ends
- Fabricated to project-specific dimensions

7. Performance (General)

- Non-structural building component
- Durability dependent on coating specification and installation
- Designed to perform under normal Irish environmental conditions

8. Installation

To be installed in accordance with:

- Project drawings
- Good building practice
- EWI system supplier guidance

Adequate falls, drip details, and sealing must be provided to ensure proper water management.

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9. Regulatory Statement

This product is a fabricated architectural metal component and is not covered by a harmonised European standard under the Construction Products Regulation (EU) No. 305/2011.

Therefore, CE marking and a Declaration of Performance (DoP) are not applicable.

10. Irish Building Regulations

When correctly specified and installed, the product can contribute to compliance with:

- Part D – Materials and Workmanship

11. Declaration

This document is issued by the manufacturer to describe the product and its intended use.

Signed: Name: _____

Position: _____

Date: _____

