



Technical Product Datasheet

Folded Aluminium Capping/Coping Systems

Wall capping is now recognised as the most cost-effective means of protecting existing structures. The capping systems are manufactured to suit each individual wall, but we do offer standard sizes, with various bracketry options.

General

Capping Jointing

Our capping brackets can also be used as internal joiners. Internal jointers / brackets are dressed onsite using neoprene tape or silicone sealant and should be installed leaving a 3mm expansion joint between each profile length or fitting to allow for thermal effects. Brackets are usually supplied with predrilled holes for ease of fitting.

Colour Options

Stormguard Aluminium rainwater products can be supplied in plain (mill) finish or in a range of professionally applied polyester powder coatings. Most colours with a BS or RAL number can be supplied. Stormguard Rainwater uses Qualicoat Licensed and ISO 9001:2015 accredited applicators of Akzo Nobel / Interpon, Axalta, Syntha Pulvin and Tiger coatings.

Manufacture

Sheet fabricated components are manufactured from aluminium alloy 1050 H14 that has a high corrosion resistance and is produced to tolerances EN 573-3:1994 and EN 485- 2:1994.

Compatibility

Direct aluminium contact with dissimilar metals or with materials containing lime or cement should be avoided. The polyester coating is not considered sufficient insulation to stop electrolytic corrosion however a layer of suitable barrier tape should prevent it occurring. Only use compatible fasteners and materials with aluminium profiles. The use of aluminium in conjunction with copper roofs, cladding or flashings should be avoided.

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www.stormguardrainwater.co.uk

Email: rainwatersales@stormguard.co.uk

VAT Registration No. GB 298 8805 82
Co. Reg. No. 960001



Contact Stormguard Rainwater Systems

Please contact the office where heavily polluted atmospheres or marine conditions are involved for advice on material choice.

Fire Rating

Aluminium is considered Non-combustible to BS 476, Part 6: 1989 (1984). Melting temperature for aluminium is approximately 645-657°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 products should be cross bonded into it.

Maintenance - Routine Inspection

- 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 coated surfaces lightly to inspect, if required touch up any surface damage
- Even with a well-fixed installation, ladders should not be rested against the Aluminium Products.
- 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 reduced intervals to maintain the ppc guarantee, optimum appearance, and durability. (These stipulations are requested on a project-by-project basis from Stormguard)
- Lightning linkage fixings should be tested regularly in accordance with the specialist electrical maintenance instructions.

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Technical Support

Technical advice is available from Stormguard Rainwater Systems technical services via:

Telephone +44 (0)1625 665096

Facsimile +44 (0)1625 665097

Email rainwatersales@stormguard.co.uk

Stormguard Rainwater Systems pursues a policy of constant product development and information contained within this datasheet is therefore subject to change without notice. It is the sole responsibility of the customer to ensure that all quantities are checked and that the correct products are ordered for the application.

It is the sole responsibility of the customer to ensure the correct Colour / Finish & Grade of Powder coating is supplied prior to installation, if for whatever reason the incorrect Colour / Finish or Grade of PPC are supplied Stormguard Rainwater will not be liable for subsequent costs beyond the costs of recoating once the products are installed.

Full Stormguard Rainwater terms & Conditions found at www.stormguardrainwater.co.uk/terms/

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