

# Technical Datasheet - Edge Protection

## Aluminium Retro-Fit Corner Protector - EAA

### Product Description

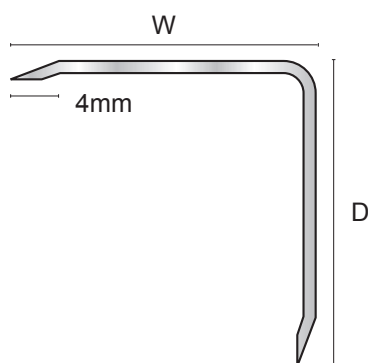
Genesis EAA is an Aluminium corner guard designed to protect one of the most vulnerable areas of a wall from severe impact and wear, significantly reducing ongoing maintenance and repair costs.

The EAA profile is a 90° corner guard with a 25mm wing size for a square finish, and supplied in a Matt Silver finish to conceal the effects of impact and abrasion. It is ideal for use in areas requiring durable hygienic protection, for example, kitchens, canteens and laboratories.

### Dimensions and Colour

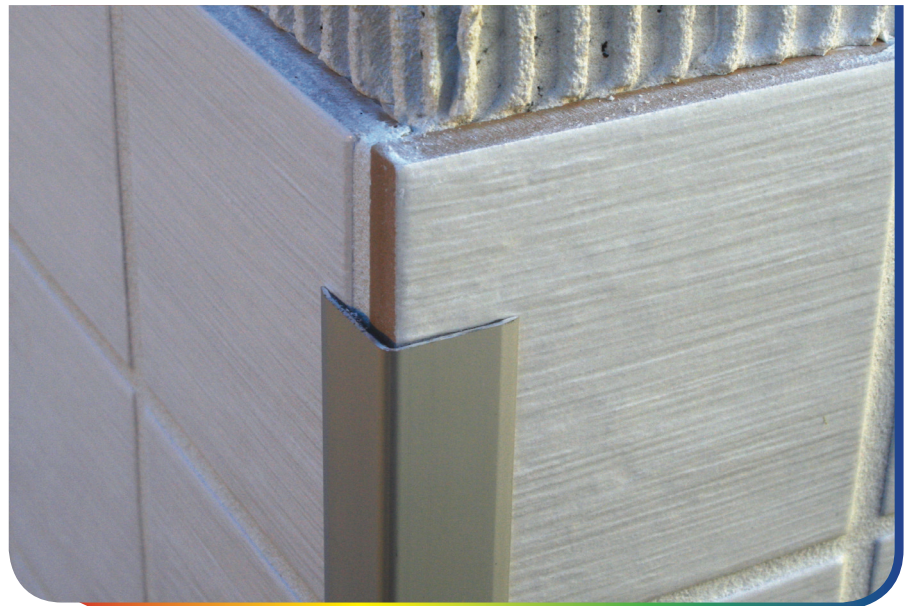
Available in 2.5m lengths and 25mm x 25mm with an anodised Matt Silver Finish.

### Range



### Technical Details

Genesis Aluminium Profiles are available in different anodised finishes and powder coated finishes - All natural Aluminium (Mill Finish) has an oxide film of approx 0.2 microns, when Mechanically & Chemically polished the anodising process increases this to 5 microns, up-to 20 microns for the Matt finish and 100 for Powder coated.



### Maintenance

Genesis EAA profiles do not require any special maintenance. Oxidation films on Aluminium may be removed with a common polishing agent; however, they do reoccur. Damaged anodised finishes may only be repaired by re-coating.

Aluminium must be tested to verify its suitability if chemical stresses are anticipated.

Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and time of exposure) may result in corrosion (aluminium hydroxide formation). Therefore, it is important to remove adhesive or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

The anodised layer creates a finish that retains a uniform appearance during normal use. The surface, however, is susceptible to scratching and wear and may be damaged by tile adhesive, mortar, or grouting material. Therefore, setting materials must be removed immediately. Otherwise, the description regarding aluminium applies.

### Installation

1. Ensure that the surface where the EAA profile is being applied is smooth, dry and free from any contaminants such as loose paint, dust and grease.
2. Apply a bead of proprietary cartridge adhesive to the back of both wings on the inside of the profile.
3. Carefully place the EAA profile into position and apply an even pressure over the entire surface of the profile until a satisfactory lie is achieved.
4. Once the adhesive has set, remove the protective film from the surface of the profile.

#### Aluminium AA 6063 T6 / UNS A96063 anodised to DIN 17611

Si%	0.2-0.6
Fe%	0.35
Cu%	0.1
Mn%	0.1
Mg%	0.45-0.9
Zn%	0.1
Ti%	0.1
Cr%	0.1
Al	Balance

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Tel: +44 (0)1642 713000

Email: [info@genesis-gs.com](mailto:info@genesis-gs.com)

[www.genesis-gs.com](http://www.genesis-gs.com)

UK Head Office & Factory  
Stokesley Business Park Stokesley  
North Yorkshire TS9 5JZ UK



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