

GC28



81
Matt Silver



Product Description

Genesis aluminium cover strips designed for concealing joints in walls, ceilings and floors.

The suitability of aluminium must be determined if chemical or mechanical stresses are anticipated

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.

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
Cr%	<0.01
Al	Balance

Maintenance

These profiles do not require any special maintenance, any oxidation that develops on aluminium surfaces can be removed although they may recur naturally over time. This oxidation can be removed using a standard aluminium polishing agent, however, damage to an anodised finish, such as scratching, or cementitious chemical reaction can only be restored by recoating.

To preserve the appearance and performance of the profile, promptly remove any adhesive, mortar, cement, or grout residue from visible surfaces. When exposed to moisture, cement-based materials become alkaline and may cause corrosion of aluminium if left in contact for extended periods. Ensure the profile is fully embedded in the setting material and that all voids are completely filled to prevent the accumulation of alkaline water.

To maintain and protect the surface, clean only with colorless alcohol diluted in water or pH-neutral detergents. Avoid acidic cleaners, such as hydrochloric or hydrofluoric acid, as they can cause damage. Use only soft, non-abrasive cloths or sponges, and apply cleaning solutions to the cloth rather than directly onto the surface. After cleaning, rinse thoroughly with water and dry immediately using a soft cloth.

Dimensions

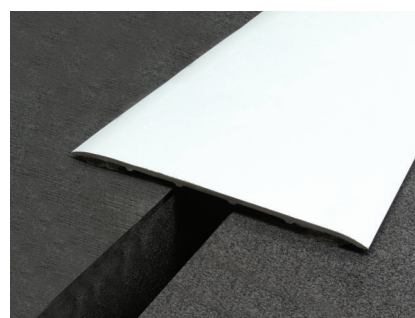
Available in 60 x 4mm, 80 x 4mm and 100 x 3mm widths and 2.7m lengths.

Max Load

60 x 4 **8kg/cm²**
80 x 4 **55kg/cm²**
100 x 3 **75kg/cm²**

Installation

1. Ensure that all surfaces to which the profile is to be fixed are dry, flat and free from any contaminants.
2. Cut the profile to the required size.
3. Remove the cover from the two self adhesive strips on the underside of the profile.
4. Place the profile into position and firmly press into place.



Butyl

	Unit	Nominal Value	Test Method
Dynamic Tensile Adhesion	N/cm ²	30	H5
Dynamic Shear Adhesion	N/cm ²	12H	15
90° Peel Adhesion	N/cm	7H	48
180° Peel Adhesion	N/cm	14H	41
Specific Gravity	g/cm ³	1.6H	6
Moisture Vapour Transmission Rate	g/m ² /24hr/mm	0.15	ISO9932 / BS ISO 15106
Service Temperature Range	°C	-40 to +110	