

Technical Datasheet - Transitions, Covers & Ramps

Aluminium Z-Bar Pro - TGS

Product Description

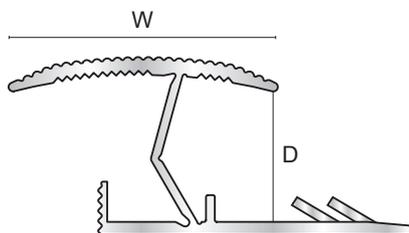
This Premier design incorporates an integral spacer making this the perfect solution for joining standard pile carpets to laminate, stone and other hard floors.

Simple to install the TGS profile provides a durable solution that protects the edge and allows for expansion gaps.

Dimensions and Colour

Available in 30mm width and a depth of 15mm and standard lengths of 0.9m and finishes brass effect and bright silver.

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 the 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
Ti%	0.1
Cr%	0.1
Al	Balance



Maintenance

Genesis TGS 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 recoating.

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 with other Genesis products that are PVC.

Installation

1. Measure and cut profile to desired length.
2. Position profile against the hard flooring and secure mechanically using the fixing points in the flange
3. Drill and plug the substrate accordingly.
4. Fit hard flooring and compress the profile by hand or by using a Genesis rubber mallet code 901. To ensure the profile is compressed in a uniform manner please use a piece of wood and move along the profile accordingly.
5. To prevent any superficial damage to the profile please cover with a protective cloth or similar.

P.V.C. Trim • Stair Nosings • Movement Joints • Transitions • Entrance Matting • Edge Protection • Metal Profiles • Tactiles • Tools

Tel: +44 (0)1642 713000

Email: info@genesis-gs.com

www.genesis-gs.com

Stokesley Business Park Stokesley
North Yorkshire TS9 5JZ UK

 **Genesis**
For the Perfect Finish

