

# Technical Datasheet - Transitions, Covers & Ramps

## Fast Fit Slimline - TTG

### Product Description

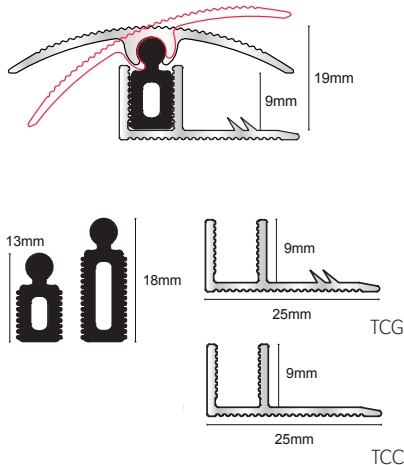
The TTG is a floor transition profile incorporating an innovative system allowing a pivoting cover that is also height adjustable. The profile is used to adjust for differences in height in transitions between ceramic tiles with other flooring materials, such as parquet, laminate or carpet. Height differences of up to 20mm can be bridged. The three-component construction, comprising a solid aluminium basic profile, plastic clips and a top profile (visible width: 4 mm) in anodised aluminium.

Any of the products within the TCR / TCS Fast fit system can be used with the base section, can be ordered separately – TCG for carpet, TCC for hard Floors.

### Dimensions and Colour

Available pre-packed for retail in 0.92m lengths anodised Bright Silver and Brass.

### 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 TCR 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 cover is of adequate width to bridge the gap between the two floor coverings.
2. Fit the Aluminium base securing with contact adhesive or mechanically fix.
3. Slide the relevant sized clips onto the cover 2-3cm from either end with the remainder evenly spaced.
4. Align clips with the base and apply even pressure lowering the clips into the Channel, once the connection is secure a rubber mallet can be used to achieve the final position.

#### 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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