

# Technical Datasheet - Metal Trim

## Aluminium Contour Trim - TDG

### Product Description

A versatile Aluminium profile. TDG is an alternative to an ordinary straight edge profile, the TDG offers a more luxurious finish to any edge. It can be used as an edge trim on the vertical with wall tiles or on the horizontal with floor tiles or even as a feature strip in wall or floor applications. The extruded Aluminium profile gives a square appearance when installed with a slight bevelled edge for a smooth finish and is also available with corner pieces (ECG) to obviate sharp edges when mitring is necessary.

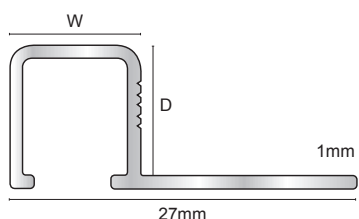
### Dimensions and Colour

All TDG profiles are available in 2.5m lengths in varying depths and finishes - see the Metals colour chart for depth/finish combinations.

Available in 8mm, 10mm, and 12mm depths



### Range



### Technical Details

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

### Allied Products:

TDG has specially designed aluminium corner pieces ECG. They provide perfect corners with no sharp edges where mitring of the profile is required. Available in 8mm, 10mm and 12mm depths.

### Maintenance

Genesis TDG does 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.

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. Select TDG according to tile thickness.
2. Trowel tile adhesive over the area that forms the perimeter of the tiled covering.
3. Press the perforated anchoring leg of the profile into the tile adhesive and align, mechanical fix if required
4. Trowel additional adhesive over the perforated anchoring leg to ensure full coverage.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile - the profile should not be higher than the tiled surface, but rather up to approx. 1 mm lower.
6. Fill the joint completely with grout.

#### 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

P.V.C. Trim • Stair Nosings • Expansion Joints • Transitions • Seals • Edge Protection • Metal Trim • Skirting • Tools

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