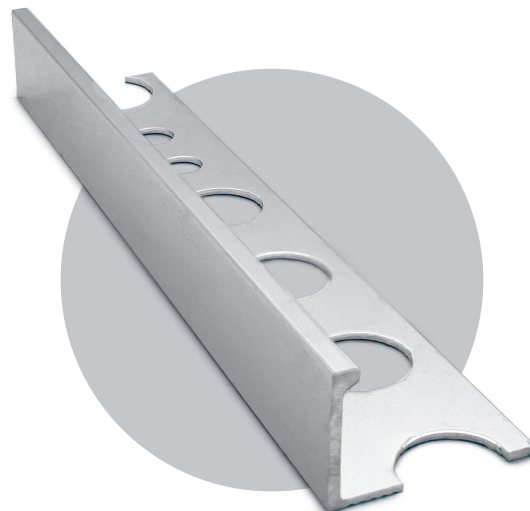
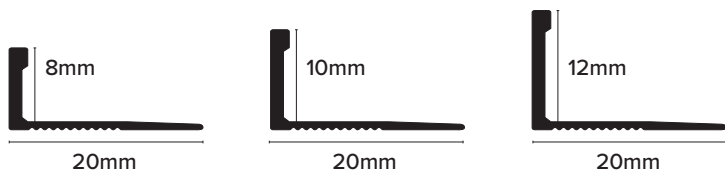


BTS



Product Description

Genesis BTS Profile is a straight edge profile. Designed to protect the edge of mosaic, ceramic or similar hard surface in wall or floor installations - Perfect for mosaic or other smaller format ceramic tiles.

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

Technical Details

All natural Aluminium (Mill Finish) has a oxide film of approx 0.2 microns, when Mechanically & Chemically polished the anodising process increases this to 5 microns, up-to 20 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

Genesis BTS does not require any special maintenance. Oxidation films on Aluminium may be removed with a common polishing agent; however, they do reoccur.

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.

Dimensions

All BTS profiles are available in 2.5m Lengths, standard internal heights available are 8, 10 and 12mm. Available in a brushed or bright finish

Installation

1. Select BTS 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 BTS into the tile adhesive and align, mechanical fix 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.