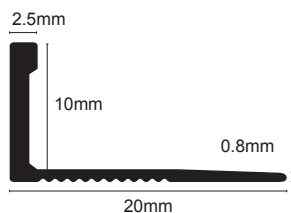
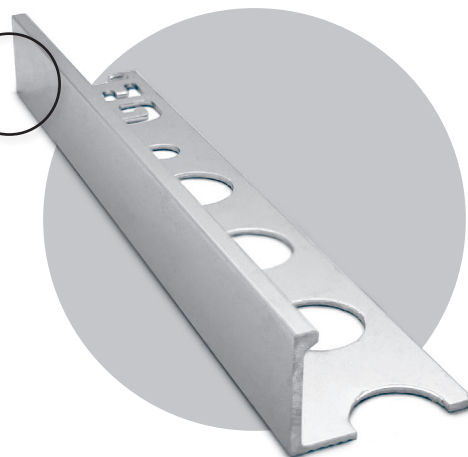


# EMA



80 Mill



## Product Description

Genesis EMA Profile is a four sided square 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

EMA profiles are available as natural Aluminium (Mill Finish), this has a natural oxide film of approx 0.2 Microns.

### 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 EMA 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

Available in 2.5m lengths in depths of 8, 10 and 12mm.

## External Use

Bright and brushed finishes are not suitable for environments with direct UV exposure or where mechanical cleaning operations occur.

## Installation

1. Select EMA 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 EMA 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.