

# Technical Datasheet - Listello

## Flat Line Listello - LFA

### Product Description

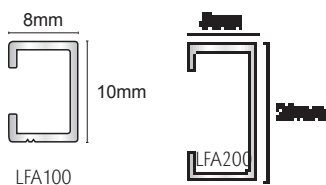
Genesis LFA is a flat decorative Aluminium profile designed to create a feature in ceramic wall tile installations. The suitability of aluminium must be determined if Chemical or mechanical stresses are anticipated

### Dimensions and Colour

All available in 2.5m lengths and 10mm and 20mm widths in Bright or Brushed Silver finishes. LFA200 only is also available in Nickel and Bronze finishes.

LFA100 profile is available Chrome plated.

### Range



### Technical Details

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 for the Matt finish and 100 for Powder coated.

Chrome plated to an overall thickness of 80 microns with protective film to be removed after grouting.

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 LFA 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.

Chrome Plated is designed for a High Chrome finish specifically on Wall Tile installations, although it can be used on the floor the Chrome plating is a decorative finish and we recommend you protect it from abrasives that could scratch the seen surface of the profile.

### Installation

1. Cut profile to desired length.
2. Trowel tile adhesive over the area.
3. Press the LFA profile into place and align on top of the already laid tile.
4. 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.
5. Fill the joint completely with grout.

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