

Technical Datasheet - Listello

Stainless Steel Listello - LPS

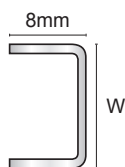
Product Description

Genesis LPS is a decorative stainless steel profile designed to create a feature in ceramic wall tile installations. The profile face is perfectly square offering a contemporary texture transition from ceramic to Stainless Steel and creates a distinctive feature in the installation.

Dimensions and Colour

All available in 2.5m lengths and 10mm and 25mm widths in a polished finish.

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.

Allied Products

LPA Aluminium profiles offer an attractive alternative with a less curved featured face and are also available in 10mm and 25mm widths and also 2.5m lengths. LPS Stainless Steel profiles are a square flat alternative in 10mm and 25mm widths and also 2.5m lengths.

Maintenance

Genesis LDA 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.

Installation

1. Select LDA width according to the desired effect either 10mm or 25mm.
2. Trowel tile adhesive over the area.
3. Press the LDA 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.

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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