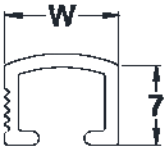
Technical Data sheet - Listello

LA/LEA Series

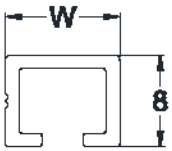
Listello

The aluminium border feature strip can be used between tiles or as a finishing edge. The Alusite listello profile provides a feature that will enhance the wall tiles. Compared to the traditional ceramic tile border, the aluminium border listello is elegant, economical, easy to install and conceals installation imperfections.

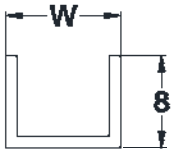
Our dual function listello is also a perfect border trim for bathroom mirrors. We have the full color range to match your ceramic or marble tiling.



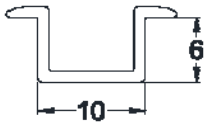
LA100/LA200



LA108/LA208



LEA108/LEA208



LC106

Aluminium Details	
European Standard	**EN573-3**
British Standard	**BS1474**
American Standard	**ASTM B221**
Australian Standard	**AS/NZ1866**
Alloy	**6063**
Temper	**T5**
Composition : Si%	**0.2-0.6**
Composition : Fe%	**0.35**
Composition : Cu%	**0.1**
Composition : Mn%	**0.1**
Composition : Mg%	**0.45-0.90**
Composition : Zn%	**0.1**
Composition : Ti%	**0.1**
Composition : Cr%	**0.1**
Composition : Al%	**Balance**
Tensile Strength <3mm (N/mm²)	**175**
0.2% Proof Stress <3mm (N/mm²)	**130**
Elongation <3mm (%)	**8**
Flammability	Solid Aluminium is non-combustible material. Does not burn, does not give off smoke when exposed to fire and does not emit sparks on impact.

Laboratory Test Details		
Toxicity and Heavy Metal (RoHS)	ISO 3613	**Passed**
Toxicity and Heavy Metal (RoHS)	US EPA 3052 & 6010B	**Passed**
Salt Spray (Corrosion Test)	ASTM B 117-03	**240 Hrs**
Accelerated Weathering test	ASTM G154	**1,000 Hrs**

Maintenance

Alusite Series utilizes 6063 aluminium alloy commonly used for building material. As with any finished building material, anodized aluminum requires reasonable care prior to and during installation and periodic cleaning and maintenance after installation. Although anodized aluminum possesses exceptional resistance to corrosion, discoloration, and wear, its natural beauty can be marred by harsh chemicals, rough conditions or neglect. Such conditions usually affect only the surface finish and do not reduce the service life of the aluminum. However, scratching and wear and may be damaged by tile adhesive, mortar, or grouting material. Therefore, setting materials must be removed with a sponge and warm water immediately.

Precautions

Remove and clean adhesive or grout residue from visible surfaces immediately. Avoid using aggressive alkaline or acid cleaners on aluminum finishes. Do not use cleaners containing trisodium phosphate, phosphoric acid, hydrochloric acid, hydrofluoric acid, fluorides, or similar compounds on anodized aluminum surfaces. Strong solvents or abrasive cleaners can cause damage to painted surfaces. Always follow the cleaner manufacturer's recommendations as to the proper cleaner and concentration. Test-clean a small area first. Different cleaners should not be mixed.

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