SPECIFICATION SHEET

Anodised Aluminium Profile Plus L Shape Trim

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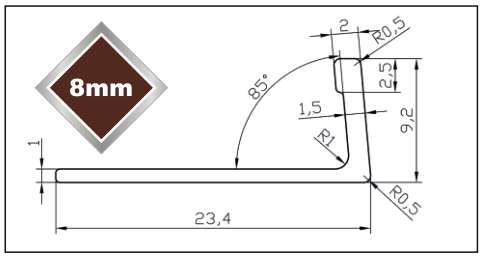
Product Description

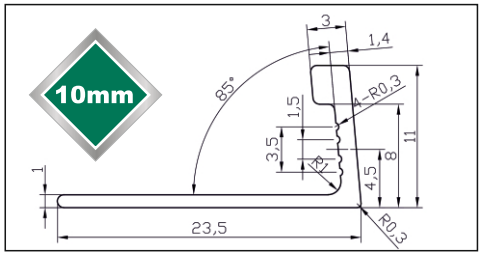
Tile Rite Profile Plus+ L Shape Tile Trim is made of high quality aluminium, this unique tile trim offers an attractive, professional finish to ceramic tile counters and walls.
Our unique 85° angled upstand is the design feature that makes the Profile Plus anything but "standard". This important angle allows the grout to be dovetailed into the joint creating a strong bond and to eliminate grout cracking.

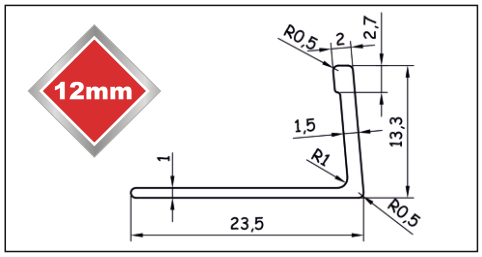
Dimensions and Colour

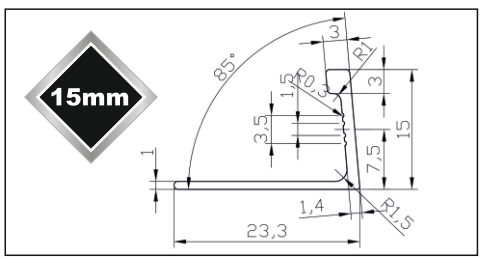
Available in 8, 10,12 and 15mm depths and finishes of Bright Silver, Matt Silver, Brushed Stainless Steel Effect, Brushed Black, Black Nickel & Matt Gold. Length 2.44m

Specification Drawings









Technical Details

6463-T6 aluminum is a type of 6463 aluminum. It is furnished in the T6 temper. To achieve this temper, the metal is solution heat-treated and artificially aged until it meets standard mechanical property requirements. Suitable for a wide range of applications. Exceptions: Not recommended for use above 80°C.

Maintenance

Tile Rite Profile Plus L Shape Trim does not require any special maintenance.

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.

Once installed, maintaining the initial appearance of anodised aluminium is a simple matter. The soot and grime which builds up on surfaces from time to time contains moisture and salts which will adversely affect the anodised coating and must be removed. Anodised coatings should be washed down regularly (at least once each 6 months . The aluminium should be washed down with soapy water - use a neutral detergent - and rinsed off with clean water.

Fig.1

Installation

1. Select trim 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 trim into the tile adhesive and align, mechanical fix if 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 approximately 1mm lower.
6. Fill the join completely with grout.

Aluminium AA 6463 T6	
Si%	0.20 - 0.6
Fe%	0.15
Cu%	0.2
Mn%	0.05
Mg%	0.45 - 0.9
Zn%	0.05
Ti%	0.05
Cr%	0.05
Pb	0.15
Al	98

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FOR INDOOR USE	
Corrosion Resistance	No Corrosion when Material in water or Cleaning Agent 9<PH<3
Wear Abrasion Resistance (Pedestrian Traffic)	**Anodized Hardness: 200-300 HV** Black Nickel & Brushed Black - coating film 8my-20my Bright Silver & Bright Gold- coating film 3my-7my Brushed S/Steel - coating film 8my-20my Matt Silver & Matt Gold - coating film 6my-15my
Cleaning Recommendations & Cleaning Restrictions/Prohibition	No Corrosion when Material in water or Cleaning Agent 9<PH<3
Temperature	<80˚C

CODE	DEPTH	LENGTH	FINISH
MSL112	8MM	2.44M	BRIGHT SILVER
MML110	8MM	2.44M	MATT SILVER
SSL388	8MM	2.44M	BRUSHED S/STEEL
BLS217	8MM	2.44M	BRUSHED BLACK
BNL830	8MM	2.44M	BLACK NICKEL
SLT227	10MM	2.44M	BRIGHT SILVER
LFT901S	10MM	2.44M	MATT SILVER
SSL348	10MM	2.44M	BRUSHED S/STEEL
BLS218	10MM	2.44M	BRUSHED BLACK
BNL833	10MM	2.44M	BLACK NICKEL

CODE	DEPTH	LENGTH	FINISH
TLS116	12MM	2.44M	BRIGHT SILVER
SSL349	12MM	2.44M	BRUSHED S/STEEL
BLS219	12MM	2.44M	BRUSHED BLACK
BNL834	12MM	2.44M	BLACK NICKEL
FST239	15MM	2.44M	BRIGHT SILVER
MLG249	15MM	2.44M	MATT GOLD
SSL351	15MM	2.44M	BRUSHED S/STEEL
BLS215	15MM	2.44M	BRUSHED BLACK
BNL835	15MM	2.44M	BLACK NICKEL