

## MOSAICTEC LIM 51

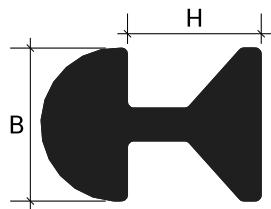
### PRODUCT DESCRIPTION



MOSAICTEC LIM 51 decorative aluminum profiles present an innovative design for thin glass mosaics. The profile perfectly integrates with the grout line, creating horizontal and vertical geometrical patterns. Simply insert the profile between two lines of mosaic tesserae; the mosaics themselves hold the profile in place without modifying interspacing.

### TECHNICAL FEATURES

Length: 2,70 meters



Aluminum

B = 5,1 mm

### MATERIAL DESCRIPTION

#### Aluminum

The primary aluminum alloy EN AW-6060 in T6 temper is suitable for complex extrusions, offering high strength and an excellent natural surface finish that lends itself well to subsequent finishing processes.

#### ANODIZED ALUMINUM:

The anodic oxidation process provides protection against corrosion caused by atmospheric agents, without involving galvanic treatments.

According to the EN 12373 standard, the profiles are treated with preventive processes that make them uniformly opaque, subsequently they are coloured through an electro-chemical oxidation process in the standard colours Silver, Gold, Bronze and Titanium with a thickness of up to 10 microns.

#### BRIGHT POLISHED ALUMINUM:

The brightening process consists of a mechanical-chemical polishing treatment and the subsequent anodic bath in Gold, Chrome, Copper and Titanium colors. The resulting profiles retain the same corrosion resistance as standard anodized profiles.



AS



ASB



AOB

mosaictec >> LIM51 for mosaic in Anodized Aluminum		
Item	H mm	Finish
LIM51AS270	4,5	AS - Silver

mosaictec >> LIM51 for mosaic in Bright Polished Anodized Aluminum		
Item	H mm	Finish
LIM51ASB270	4,5	ASB - Chrome
LIM51AOB270	4,5	AOB - Polished gold

## APPLICATION

1. Choose the H-size profile corresponding to the thickness of the tile to be laid, taking care to ensure that the profile does not exceed the edge of the floor but is positioned 0.5 to 1 mm lower.
2. Spread the adhesive in the profile application area with the help of a notched trowel;
3. Slightly widen the mosaic tiles before laying to insert the profile inside them;
4. Cut the profile to the required length and place it so that the base sinks into the adhesive, pressing and aligning it;
5. Apply an additional layer of adhesive to the perforation and in the cavities of the vertical section of the profile in contact with the edge of the floor;
6. Generally leave a space of about 2 mm between the profile and the edge of the tile to be filled later with sealant or grout;
7. Remove any adhesive residue from the profile immediately.

N.B.: Aluminum profiles offer limited resistance to alkaline substances, so their use must be evaluated according to the expected chemical aggressions. Aluminum profiles in contact with cementitious substances can be attacked by corrosion processes, so residues of used adhesives and sealants should be removed immediately. When laying, the right amount of adhesive must be used and the right drying times observed, avoiding creating cavities in which water can stagnate, which would lead to the formation of alkaline substances (aluminum hydroxide) and trigger corrosive electrolytic phenomena.

## CLEANING AND MAINTENANCE

### ALUMINIUM:

Aluminum requires no special maintenance.

For cleaning, use colorless alcohol diluted in water or neutral detergents, avoiding acidic ones (e.g., hydrochloric or hydrofluoric acid); use non-abrasive sponges or cloths to avoid damage. We recommend not applying cleaners directly to surfaces. After cleaning, rinse with water and dry immediately with a soft cloth. Avoid polishes. Quickly remove residual cement or grout to protect the surface.

## WARNINGS

The indications and specifications contained herein, while consistent with our experience, are purely indicative and require confirmation through extensive practical applications. Profilitec declines all responsibility for any damage to persons or property resulting from improper use of the product. The user is responsible for determining whether or not the product is suitable for the intended use and assumes all responsibility for any damage resulting from incorrect installation of the material.

## BILL OF QUANTITIES ITEM

Supply and installation of profile in \_\_\_\_\_ (material), with finish \_\_\_\_\_  
\_\_\_\_\_ (see Material Description section) with characteristic size \_\_\_\_\_ mm for 4mm  
coverings.

Family type \_\_\_\_\_ from the Profilitec company as a multifunctional decorative strip profile with  
low-thickness mosaic terminal to be supplied and installed according to the rules and fields of application indicated by  
the manufacturer.

Profile length: 2700 mm

Profile SKU: \_\_\_\_\_

Material: \_\_\_\_\_ €/m

Installation: \_\_\_\_\_ €/m

Total price: \_\_\_\_\_ €/m