

STAIRTEC SM

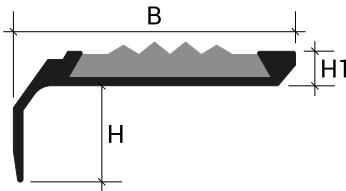
PRODUCT DESCRIPTION



Aluminum and brass STAIRTEC SM stair nosing profiles are equipped with a non-slip, smooth or grooved rubber insert providing an ideal solution for staircases covered with thin floor types such as carpet and vinyl. The profile is installed with flathead screws placed under the rubber insert.

TECHNICAL FEATURES

Length: 2.70 meters - 8'10"

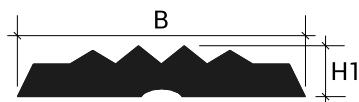


Aluminum - Brass

H1 = 3/16" - 5 mm

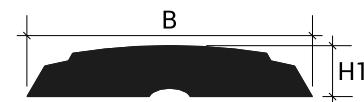
SM14: H = 14 mm - 17/32"

SM28: H = 28 mm - 1-3/32"



SMI 28 P - Knurled non-slip insert

H1 = 3/16" - 5 mm



SML 28 P - Smooth non-slip insert

H1 = 3/16" - 5 mm

SML and SMI insert available in 65'-7" - 20 m rolls

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, Copper and Titanium with a thickness of up to 10 microns.



AS



AO



AB

stairtec >> SM-A*N in Anodized Aluminum		
Item	HxB inch	Finish
SM14ASN270	17/32x1-21/32	AS - Silver
SM28ASN270	1-3/32x1-21/32	AS - Silver
SM14AON270	17/32x1-21/32	AO - Gold
SM28AON270	1-3/32x1-21/32	AO - Gold
SM14ABN270	17/32x1-21/32	AB - Bronze
SM28ABN270	1-3/32x1-21/32	AB - Bronze

MATERIAL DESCRIPTION

Brass

Profiles made from CW618N (EN 12167) brass alloy are characterized by high resistance to mechanical stress, making them particularly suitable for heavy-traffic applications, such as industrial settings and at expansion joints.

Brass is resistant to most chemical agents commonly encountered during the installation of ceramic coverings. However, in the presence of humidity or aggressive substances, the surface may develop superficial oxidation, which can be removed using a standard polishing product.

These profiles can be manufactured through either hot extrusion or cold forming from sheets of constant thickness.

POLISHED BRASS:

This finish is obtained using specialized polishing machines that mechanically enhance the surface without altering the material's intrinsic properties. In the presence of oxidizing agents, some surface darkening may occur, which can be easily restored using common polishing products.



OL

stairtec >> SM in Natural Brass		
Item	HxB inch	Finish
SM14OLN270	17/32x1-21/32	OL - Polished

MATERIAL DESCRIPTION

Knurled Anti-Slip Insert

RESINFLEX Plasticized thermoplastic synthetic resin:

Made from primary resin, its polyvinyl chloride composition provides high resistance and compatibility with Resinil in the COEXTRUSION process we use in most expansion joints. Thanks to the nature of the plasticizers used, the material maintains its essential elasticity characteristics over time.



P51



P23



P32

stairtec >> SM Knurled non-slip insert		
Item	B inch	Finish
SMI28P23	1-3/32	P23 - Cement Grey
SMI28P32	1-3/32	P32 - Dark Beige
SMI28P51	1-3/32	P51 - Black

stairtec >> SM Non-slip insert - Smooth		
Item	B inch	Finish
SML28P23	1-3/32	P23 - Cement Grey
SML28P32	1-3/32	P32 - Dark Beige
SML28P51	1-3/32	P51 - Black

APPLICATION

1. Cut the profile to the required length;
2. Position the profile and mark the position of the holes, possibly using the holes present in the profile if in the perforated version;
3. Insert the plugs if the support requires it, fix the profile using countersunk screws (for threshold cover profiles use 7/64" - 3 mm diameter screws and 3/16" - 5 x 31/32" - 25 mm plugs);
4. Cut the insert (SMI or SML) to the desired size and insert it into the upper slot.

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.

BRASS:

Brass does not require special maintenance and is easily cleaned with alcohol diluted in water or with neutral detergents, avoiding those with an acidic base.

It is recommended to use water with mild detergents, ensuring the final rinse is with water only. To avoid scratches, use exclusively non-abrasive cloths or sponges. For maintenance, common polishes available on the market can be used.

SYNTHETIC RESIN:

Thermoplastic synthetic resin does not require any special maintenance.

It can be easily cleaned with colorless alcohol diluted in water or with normal detergents, provided they are not acid-based, also diluted in water; rinse with water only. Use non-abrasive sponges or cloths to avoid scratching the surface.

WARNINGS

These profiles must be handled with care, taking care to use cut-resistant gloves. The instructions and requirements contained herein, while based on our experience, are to be considered purely indicative and must be confirmed by exhaustive 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 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) of characteristic size _____ mm. Profile with
replaceable non-slip insert.

Family type _____ of the Profilitec company as a stair nosing profile for protecting the covering, in
particular carpets, to be supplied and installed according to the rules of the art, respecting the methods and fields of
application indicated by the manufacturer.

Profile length: 2700 mm

Profile SKU: _____

Material: _____ \$/pc

Installation: _____ \$/pc

Total price: _____ \$/pc