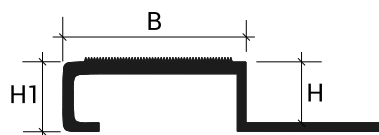## STAIRTEC FI

PRODUCT DESCRIPTION

STAIRTEC FI is a technical profile designed for tile steps. Made of stainless steel, it is a low-cost option that is highly resistant to point loading, impact and chemicals. Equipped with no-slip carborundum strips, STAIRTEC FI profiles are particularly suited for high traffic, public and commercial applications.

TECHNICAL FEATURES

Length: 2,70 meters

Stainless Steel
B = 27 mm
H = H1 + 1mm

MATERIAL DESCRIPTION

Stainless Steel
Steel profiles are made by cold forming sheets of constant thickness, thus differing from the corresponding aluminum and brass versions made by hot extrusion, while maintaining their application and dimensional characteristics. Stainless steel effectively resists high mechanical stress and is particularly suitable for use in the chemical, food, and hospital sectors, where hygiene, durability, and chemical resistance are essential. Normally produced with a semi-gloss finish, a brushed finish can also be achieved by partially removing material using rotating nylon and quartz fiber brushes. This process gives the surface a matte appearance without altering its characteristics.

AISI 304 STAINLESS STEEL - EN X 5 CrNi 18 10 - DIN 1.4301:
This steel belongs to the AUSTENITIC category and is the most widespread and commonly used alloy for products requiring high technical and performance characteristics. It is highly resistant to most chemical agents but may stain or darken superficially; a standard polishing product is sufficient to restore its original appearance.

IL

stairtec >> FI in Stainless Steel AISI 304 - DIN 1.4301		
Item	H mm	Finish
FI80IL270	8	IL - Polished
FI100IL270	10	IL - Polished
FI125IL270	12,5	IL - Polished

stairtec >> FIT caps for FI in Stainless Steel AISI 304 DIN 1.4301		
Item	H mm	Finish
FIT80ISSET	8	IS - Brushed
FIT100ISSET	10	IS - Brushed
FIT125ISSET	12,5	IS - Brushed

walktec >> SWH Carborundum self-adhesive "Strip Walk"		
Item	BxL mm	Finish
SWH19C51	19x18,3 m	C51 - Black
SWH19CF	19x18,3 m	CF - Photoluminescent

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. Cut the profile to the required length and place it so that the base sinks into the adhesive, pressing and aligning it;

4. 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;

5. 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;

6. Remove any adhesive residue from the profile immediately.

7. Apply any non-slip insert (purchased separately).

CLEANING AND MAINTENANCE

STAINLESS STEEL:
Stainless steel is easy to clean and very hygienic because of its smooth, nonporous surface, which hinders the growth of bacteria. To keep it in good condition, simply wash it with warm soapy water, rinse it thoroughly and dry it with a soft cloth. If exposed to weathering, periodic cleaning is recommended to prevent corrosion. Brushed surfaces should be cleaned in the direction of brushing. In case of scratches, a specific polish can be used with a soft cloth.
Avoid cleaning agents containing hydrochloric acid, hydrofluoric acid or bleach, as well as abrasive products. Do not leave ordinary steel objects in contact with stainless steel to prevent contamination and rust stains. Also, do not leave damp patches or sponges on the surface to prevent water halos.

WARNINGS

These profiles should be handled with care, using cut-resistant gloves. The indications and prescriptions herein, while corresponding to our experience, are to be considered purely indicative and must be confirmed by exhaustive practical applications. Profilitec declines any responsibility for any damage to people or things resulting from improper use of the products. The user is required to determine whether or not the product is suitable for use and assumes all responsibility arising from incorrect installation of the material.

19/12/25

BILL OF QUANTITIES ITEM

Supply and installation of a profile in _____ (material), with a _____ _____ finish (see Material Description section) of characteristic size _____ mm, equipped with a perforated fin that guarantees perfect grip with the adhesive used. Profile suitable for the application of a carborundum non-slip insert.

Family type _____ of the Profilitec company as a step nosing profile for protecting the covering to be supplied and installed properly, following the methods and fields of application suggested by the manufacturer.

Profile length: 2700 mm

Profile SKU: _____

Material: _____ €/m

Installation: _____ €/m

Totale price: _____ €/m

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