PROCLASSIC FIRE LEVEL

Profiles for floors of equal height



DESCRIPTION

Proclassic Fire Level is a range of stainless steel AISI 316 2B profiles specifically designed to be used as a transition element at the base of fire-rated doors requiring a non-combustible component. It is intended to be installed in advance and in continuity with 2 mm thick resilient flooring.

FEATURES AND BENEFITS

- Threshold made of AISI 316 stainless steel, offering excellent resistance to the main chemical agents
- High melting temperature of the threshold (1350 °C, in line with REI-rated steel doors; aluminium melts at 660 °C)
- Perfect flush alignment between the threshold and resilient flooring with a thickness of 2.0 mm
- Countersunk hole for solid mechanical anchoring with plug and Torx screw at threshold level
- Maintains level alignment between floors in adjacent rooms
- In case of damage, the threshold can be removed and replaced with a new one of the same dimensions
- At end of life, Proclassic Fire Level can be returned to the production cycle as an active compound for the manufacturing of new steel (FE 40, EWC code 170405)

MATERIALS

Stainless Steel
AISI 316 2B
This type of steel is characterized by excellent resistance to the main chemical agents.

INSTALLATION

Installation Method
After applying a suitable primer and leveling compound, position the pre-cut profile (supplied by us during production) in the correct location. Using a pencil, mark the exact drilling points on the substrate through the holes in the profile.

Remove the profile and proceed with drilling the substrate at the previously marked points, ensuring the correct size of the supplied plugs is verified. Under no circumstances should the profile be cut during installation.

Insert the plugs into the drilled holes, making sure the installation area is perfectly clean. Reposition the profile and secure it using the Torx screws provided with the product.

Next, install the resilient flooring with a thickness of 2 mm. The connection with the metal threshold will be achieved through the thickness of the adhesive used for bonding the flooring.

The protective film must be removed at the end of the work, before the flooring is put into service, to avoid damaging the surface of the profile during site operations.
This product requires specialized labor for installation.

CARE AND MAINTENANCE

Stainless Steel
Stainless steel surfaces can be polished using specific products that are readily available on the market.
Stainless steel is easy to clean and extremely hygienic; its smooth, non-porous surface makes it particularly difficult for bacteria and/or other microorganisms to adhere to or survive on it.
Do not use under any circumstances for cleaning:

- cleaners containing hydrochloric acid, commercial muriatic acid, hydrofluoric acid, abrasive powders, or any cleaner containing chlorides.

Avoid leaving objects or tools made of ordinary steel (e.g., brushes or steel wool typically used to remove mortar residues or similar products) in prolonged contact with stainless steel profiles, as they may transfer ferrous particles (contamination), causing the formation of rust stains on the surface.

SUSTAINABILITY

At the end of their lifecycle, Proclassic Fire Level thresholds can be reintroduced into the production chain as active compound for the manufacturing of new steel.

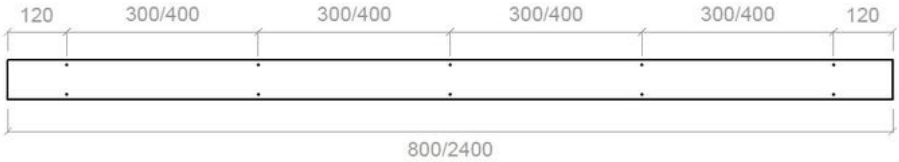
Symbol FE 40 – EWC Code 170405.

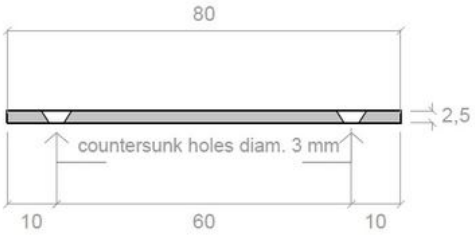
RESTORABILITY

If the threshold becomes irreparably damaged, it can be replaced by removing it and installing a new one with the same dimensions.

TECHNICAL SPECIFICATION

Supply and installation of stainless steel profile AISI 316 2B – DIN 1.4401, type such as Proclassic Fire Level by Profilpas S.p.A., to be used as threshold for fire doors.
Following the application of a suitable primer and leveling compound, but prior to the installation of the resilient flooring, AISI 316 2B smooth stainless steel thresholds with a thickness of 2.5 mm, a depth of 8 cm, and a width predefined during production, must be positioned to exactly match the length of the fire door.
The thresholds must be fixed using the supplied dowels and torx screws, ensuring a stable and permanent installation over time.
Subsequent installation of the resilient flooring must be carried out ensuring perfect lateral adhesion to the stainless steel threshold, in compliance with UNI 11515-1 standard.





Note: The profile is custom-manufactured on request in lengths ranging from 80 to 240 cm, in accordance with the width of the fire-rated door.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.
Please refer to the current version of the Technical Data Sheet, available from our website profilpas.com
PRODUCT FOR PROFESSIONAL USE

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