

3.2 Schlüter®-TREP-SE/-S/-B



STAIR NOSING PROFILE

FOR NON SLIP STAIRS

Application and Function

Schlüter®-TREP-SE,-S and -B are special profiles for creating slip-resistant and visually attractive stair nosings. They are also suitable for use in areas subjected to heavy foot-traffic, such as offices or public buildings. Schlüter®-TREP-SE,-S and -B feature a tread surface that can be replaced in case of damage or wear.

Schlüter®-TREP-SE/-S/-B protects the step's front edge while its special slip-resistant tread is designed to increase visual acuity, adding a high degree of safety to stairs.

All three profile types have been approved for use in applications where the risk of slipping exists (BIA test certificate, slip resistance assessment group R 9).

Matching end caps are available as accessories.

Material

Schlüter®-TREP-SE has a roll-formed stainless steel support section (material 1.4301).

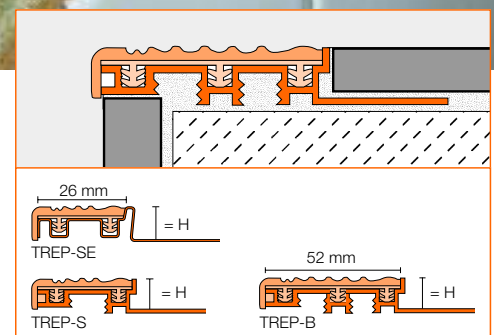
Schlüter®-TREP-S and -B have aluminium support sections. All three profile types include a tread insert consisting of a rigid PVC bottom section and soft PVC slip-resistant surface.

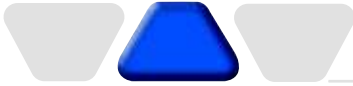


The width of the Schlüter®-TREP-SE/-S tread surface is 26 mm; the Schlüter®-TREP-B tread surface is 52 mm. The support section includes a trapezoid-perforated anchoring leg for securing the profile in the tile adhesive.

Material Properties and Areas of Application:

In special cases, the suitability of a proposed type of profile must be verified, based on the anticipated chemical, mechanical, and/or other stresses.





Schlüter®-TREP-SE, with a support section made of stainless steel, is particularly well suited for areas of application where resistance to chemicals and acids is necessary and where alkaline exposure is anticipated, e.g., through the reaction of water with cementitious materials (i.e. stairs exposed to the elements and other areas exposed to moisture).

Schlüter®-TREP-S and -B, with aluminium support sections, are resistant to chemical stresses commonly encountered in tiled coverings on stairs. 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. Therefore, it is important to ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.



Installation

1. Select Schlüter®-TREP-SE/-S/-B according to tile thickness.
2. First, install riser tile to the appropriate height.
3. Apply appropriate tile adhesive to the edge areas above the riser.
4. Fill cavities at the bottom of the profile with appropriate tile adhesive.
Notation to 3. and 4.: With respect to thicker layers of adhesive in the edge area, use an appropriate dry-set or medium-set mortar.

5. Press Schlüter®-TREP-SE/-S/-B completely into the tile adhesive and align in such a way that the front edge of the support section is flush with the riser tile.
6. Trowel additional adhesive over the trapezoid-perforated anchoring leg and the stair tread surface.
7. Solidly embed the tread tiles so that the top of the profile is flush with the tile. Full coverage must be obtained at the profile area.
8. A joint of approx. 2 mm - 3 mm should be left between the tile and the profile.
9. Fill the joint completely with grout.

Maintenance

Schlüter®-TREP-SE/-S/-B requires no special or preventative maintenance. The tread insert can be replaced in case of damage or wear.

Stainless steel surfaces exposed to the environment or aggressive substances should be cleaned periodically using a mild household cleaner. Regular cleaning maintains the neat appearance of stainless steel and reduces the risk of corrosion. All cleaning agents must be free of hydrochloric and hydrofluoric acid.

Avoid contact with other metals such as steel, since this can cause extraneous rust. This also includes tools such as trowels or steel wool, i.e., tools used to remove mortar residue.



Product overview:

Schlüter®-TREP-SE

SE = narrow stainless steel support profile

Length supplied: 2.50 m, 1.50 m, 1.00 m

Material	G	HB	NB	GS	CG
H = 8 mm	•	•	•	•	•
H = 10 mm	•	•	•	•	•
H = 12.5 mm	•	•	•	•	•
End caps	•	•	•	•	•
Insert	•	•	•	•	•



Schlüter®-TREP-S

Schlüter®-TREP-S

S = narrow aluminium support profile

Length supplied: 2.50 m, 1.50 m, 1.00 m

Material	G	HB	NB	GS	CG
H = 8 mm	•	•	•	•	•
H = 10 mm	•	•	•	•	•
H = 12.5 mm	•	•	•	•	•
End caps	•	•	•	•	•
Insert	•	•	•	•	•

Schlüter®-TREP-B

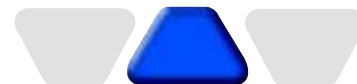
B = wide aluminium support profile

Length supplied: 2.50 m, 1.50 m, 1.00 m

Material	G	HB	NB	GS	CG
H = 8 mm	•	•	•	•	•
H = 10 mm	•	•	•	•	•
H = 12.5 mm	•	•	•	•	•
End caps	•	•	•	•	•
Insert	•	•	•	•	•

Colours: G = grey, HB = light beige, NB = nut brown, GS = black, CG = yellow





Text template for tenders:

Supply

_____ pieces of Schlüter®-TREP as stair nosing consisting of a(n)

- stainless steel support section with a trapezoid-perforated anchoring leg;
 - aluminium support section with a trapezoid-perforated anchoring leg
- with a slip-resistant and replaceable tread insert made of co-extruded rigid/soft PVC, and install flush with riser and tread tiles during tile installation, in a professional manner and according to the manufacturer's specifications.

Type of profile:

- TREP-SE stainless steel support section with a 26 mm wide tread surface
- TREP-S aluminium support section with a 26 mm wide tread surface
- TREP-B aluminium support section with a 52 mm wide tread surface.

Matching end caps for the stair nosings

- are to be included in unit prices.
- are to be charged as extra.

Individual lengths of _____m

Profile height: _____mm

Colour: _____

Art.-No.: _____

Material: _____/Piece

Labour: _____/Piece

Total: _____/Piece