

Schlüter®-RENO-TK

Floor covering profiles
for stepless transition

1.4

Product data sheet

Application and Function

Schlüter-RENO-TK is a special profile for the stepless transition of floor coverings with different heights, especially when the tiled surface is higher than the adjacent covering, e.g. the transition between tile and carpet. The visible surface area of RENO-TK is sloped, preventing trip edges between coverings of different heights.

The 6 mm profile chamber hides and protects the cut edge of lower adjoining surface coverings (e.g. carpet, vinyl flooring).

Material

The profile is available in the material types:

E = Stainless steel, 1.4301 (V2A)

EB = Brushed stainless steel

A = Aluminum

M = Brass

AE = Anodised aluminum

Material properties and areas of application

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

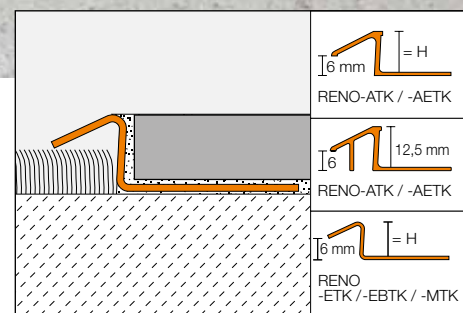
Schlüter-RENO-ETK/-EBTK is made of roll-formed stainless steel V2A (material no. 1.4301). Stainless steel is particularly well suited for applications that, in addition to heavy mechanical stresses, require resistance to chemicals such as acidic or alkaline media and detergents. Even stainless steel is not resistant to all chemical stresses, and may be affected by, e.g., hydrochloric and hydrofluoric acid or certain chloride and brine concentrations. In certain cases, this also applies to seawater pools. Special



anticipated stresses should therefore be verified in advance.

Schlüter-RENO-MTK are profiles made of brass. Minor marks from the manufacturing process cannot be avoided on their untreated surface areas. Brass is resistant to nearly all chemicals used in tiled environments. When exposed to air, the visible surface area of brass profiles will oxidise, resulting in a natural patina. Exposure to moisture or aggressive substances can cause heavy oxidation and spotting.

Schlüter-RENO-ATK are profiles made of aluminium. Minor marks from the manufacturing process also cannot be avoided on their untreated surface areas. The suitability of the profiles must be verified based on the anticipated chemical stresses. Since aluminium is sensitive to





alkaline substances, exposure to the alkali (depending on the concentration and penetration time) may result in corrosion (aluminium hydroxide formation).

Therefore, it is important to remove adhesive or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

Schlüter-RENO-AETK is made of clear satin anodised aluminium. The anodised layer creates a finish that retains a uniform appearance during normal use.

Aggressive substances or abrasion may cause damage to the surface. Therefore, it is important to remove adhesive, mortar or grout residue from visible surfaces. Otherwise, the same statement as for aluminium applies.

Installation

1. Select Schlüter-RENO-TK according to tile thickness.
2. Trowel tile adhesive over the area that forms the perimeter of the tiled covering.
3. Press the trapezoid perforated anchoring leg of the profile firmly into the adhesive and align it.
4. Trowel additional adhesive over the perforated anchoring leg to ensure full coverage.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile (the profile should not be higher than the tiled surface, but up to approximately 1 mm lower).
6. A joint of approximately 2 mm - 3 mm should be left between the tile and the profile.
7. Fill the joint completely with grout.

Maintenance

Schlüter-RENO-TK does not require any special maintenance. Oxidation films on brass or aluminium may be removed with a common polishing agent; however, they do reoccur. Damaged anodised finishes may only be repaired by recoating.

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 rust. This also includes tools such as trowels or steel wool, i.e. tools used to remove mortar residue.

We recommend the use of the stainless steel cleaning polish Schlüter-CLEAN-CP.

Product Overview

Schlüter®-RENO-TK

E = Stainless steel, EB = Brushed stainless steel, A = Aluminum, M= Brass, AE = Anodised aluminium

Supplied length: 2.50 m

Material	E	EB	A	M	AE
H = 8 mm	•	•	•	•	•
H = 10 mm	•	•	•	•	•
H = 11 mm	•	•			
H = 12.5 mm	•	•	•	•	•

Supplied length: 1.00 m

Material	E	EB	A	M	AE
H = 8 mm	•	•	•	•	•
H = 10 mm	•	•	•	•	•
H = 11 mm	•	•			
H = 12.5 mm	•	•	•	•	•

Text template for tenders:

Supply

_____ per metre Schlüter-RENO-TK as transition profile made of

- E = Stainless steel 1.4301 (V2A)
- EB = Brushed stainless steel
- A = Aluminum
- M = Brass
- AE = Anodised aluminium

with a trapezoid perforated anchoring leg and sloped transition area, ending with a 6 mm high channel as a stepless transition from tiling to any adjacent covering and install according to manufacturer's specifications.

- Installation in individual lengths of _____ m.
- Installation in lengths, as required.

Profile height: _____ mm

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m

