

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 Schlüter®-RENO-TK is sloped, preventing trip edges between coverings of different heights. The 6 mm channel beneath the sloped flange of the profile hides and protects the cut edge of lower adjoining surface coverings (e.g. carpet, vinyl flooring, etc).

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-MTK, in solid brass, is resistant to nearly all chemicals used in tiled environments. Solid brass that is exposed to air will oxidise, resulting in a natural patina. If exposed to moisture or aggressive substances, heavy oxidation and spotting may occur.

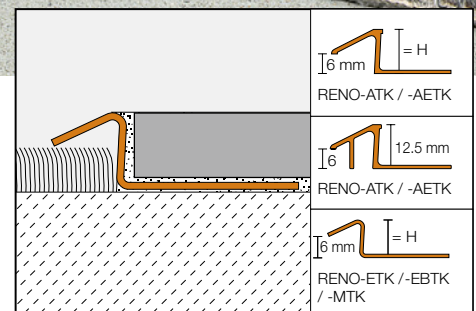
Schlüter®-RENO-ETK / -EBTK is roll formed using V2A (1.4301) stainless steel. Stainless steel can sustain high mechanical stresses



and is especially well suited for applications requiring resistance to chemicals, such as acidic or alkaline materials or detergents.

Schlüter®-RENO-ATK, in aluminium, must be tested to verify its suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline. 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. The surface, however, is susceptible to scratching and wear and may be damaged by tile adhesive or grouting material. Therefore, setting materials must be removed immediately. Otherwise, the description regarding 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 perforated anchoring leg of the Schlüter®-RENO-TK into the tile adhesive and align.
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.

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.

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

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
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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

