

Schlüter®-FINEC

Wall corners and finishing profiles
for decorative edge protection

2.17

Product data sheet

Application and function

Schlüter®-FINEC is a high-quality finishing profile made of stainless steel or anodised aluminium for the perimeters of tile coverings or the outer edges of tiles or plaster/rendered finishes. The anchoring leg of the profile protects the edge of the covering - including glass mosaics - from mechanical damage with a slim, elegant corner formation.

Schlüter®-FINEC-E of stainless steel is also suitable for staircases as a slim edge protection for tiles and covering systems.

Material

The profile is available in the following finishes:

- E = stainless steel, V2A, material no. 1.4301 = AISI 304
- AE = anodised aluminium
- TS = textured finished aluminium
- AC = colour coated aluminium

Material properties and areas of application:

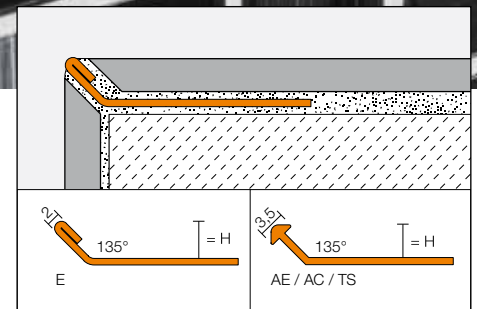
Schlüter®-FINEC is produced in a variety of different materials and finishes. In special cases, the suitability of the profile must be verified based on the anticipated chemical and mechanical stresses. The information provided below is intended as a general guideline.

Schlüter®-FINEC-E is made of roll-formed stainless steel V2A (material no. 1.4301). It 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. Stainless steel is not resistant to all



chemical stresses and may be affected by 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®-FINEC-AE (anodised aluminium): The aluminium features an anodised finish that retains a uniform appearance during normal use. Visible surfaces should be protected against abrasion.





Aluminium is sensitive to alkaline media. Cementitious materials, in conjunction with moisture, become alkaline. Depending on the concentration and duration of exposure, this may result in corrosion (aluminium hydroxide formation). For this reason, remove mortar or grouting material immediately from all visible areas and do not cover freshly installed coverings with foil. In addition, ensure that the profile is solidly embedded in the setting material to prevent water from accumulating in small cavities.

Schlüter®-FINEC-AC colour coated aluminium: The aluminium is pre-treated (chrome-plated) and powder-coated with a polyurethane covering. The coating is colour-stable, as well as UV- and weather-resistant. Visible edges should be protected against abrasion

The surfaces of **Schlüter®-FINEC-TS** profiles (textured finished aluminium) have a natural appearance (see Schlüter®-FINEC-AC for further properties).

- 4b. When creating a 3 way external corner with the aluminium profiles **Schlüter®-FINEC-AE /-AC /-TS**, in which the top two profiles were fitted at an angle of 45°, the adjoining lower profile must be cut to size. In that case, the trapezoid perforated anchoring leg, including joint spacer, must be cut straight to the visible area by a minimum measure of x – depending on the profile size –; see Figure AE/AC/TS on the right.
5. Firmly press the tiles into the adhesive and align them in such a way that the upper profile edge is flush with the tile. The tiles must be fully embedded in the area of the profile.
6. Leave a joint of approximately 1.5 mm. Completely fill the space between the tile and the profile with grout.
7. Use suitable materials and tools for the sensitive surfaces to avoid scratches or other damage. Residue of adhesive, plaster or render should be removed immediately, especially from aluminium finishes.

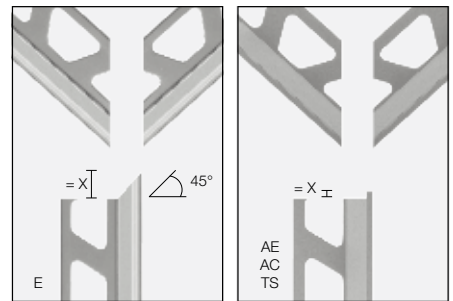
Minimum cut dimensions for 3 way external corners:

Schlüter®-FINEC-E

H = mm	4.5	7	9	11	12.5
X = mm (min.)	5	8	10	12	14

Schlüter®-FINEC-AE /-AC /-TS

H = mm	2.5	4.5	7	9	11	12.5
X = mm (min.)	1	3	6	8	10	11



Installation

1. Select Schlüter®-FINEC in accordance with the tile thickness (the aluminium profile with a height of H = 2.5 mm was specifically developed for edging tile to plaster/rendered finishes).
2. Press the trapezoid perforated anchoring leg of the profile firmly into the adhesive and align it (in the case of adjoining plaster or render place the anchoring leg on a suitable adhesive area first)
3. Trowel additional adhesive over the trapezoid perforated anchoring leg to ensure full coverage.
4. The adjoining tiles in the area of the profile must be chamfered by 45°.
- 4a. When creating a 3 way external corner with the stainless steel profiles Schlüter®-FINEC-E, in which the top two profiles were fitted at an angle of 45°, the adjoining lower profile must be cut to size. In that case, the trapezoid perforated anchoring leg must be cut straight up to the spacer by a minimum measure of x – depending on the profile size – and the joint spacer including visible area must be chamfered by 45°; see Figure E on the right.

Notes

Schlüter®-FINEC requires no special maintenance or care. Do not use abrasive cleaning agents on the sensitive surfaces. Damaged anodised surfaces can be restored with paint. The surfaces of stainless steel profiles can be polished with commercial chrome-polishing products. 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 regular steel, to prevent corrosion. This also includes installation tools such as trowels or steel wool, e.g. for the removal of mortar residue. We recommend the use of the stainless steel cleaning polish Schlüter®-CLEAN-CP.





Product overview:

Schlüter®-FINEC-E

E = stainless steel Supplied length: 2.50 m

H = mm	4.5	7	9	11	12.5
E	•	•	•	•	•



Schlüter®-FINEC-AC (MBW)

Schlüter®-FINEC-AE

AE = anodised aluminium Supplied length: 2.50 m

H = mm	2.5	4.5	7	9	11	12.5
AE	•	•	•	•	•	•

Schlüter®-FINEC-AC

AC = colour coated aluminium Supplied length: 2.50 m

H = mm	2.5	4.5	7	9	11	12.5
MGS	•	•	•	•	•	•
MBW	•	•	•	•	•	•



Schlüter®-FINEC-TS (TSOB)

Schlüter®-FINEC-TS

TS = textured finished aluminium
Supplied length: 2.50 m

H = mm	4.5	7	9	11	12.5
TSI	•	•	•	•	•
TSC	•	•	•	•	•
TSBG	•	•	•	•	•
TSB	•	•	•	•	•
TSSG	•	•	•	•	•
TSG	•	•	•	•	•
TSOB	•	•	•	•	•
TSLA	•	•	•	•	•
TSDA	•	•	•	•	•
TSR	•	•	•	•	•

Colours:

- MBW = brilliant white matte
- MGS = graphite black matte
- TSI = textured, ivory
- TSC = textured, cream
- TSBG = textured, beige grey
- TSB = textured, beige
- TSSG = textured, stone grey
- TSG = textured, grey
- TSOB = textured, bronze
- TSLA = textured, light graphite
- TSDA = textured, dark graphite
- TSR = textured, rustic brown

Text template for tenders:

_____ linear meters of Schlüter®-FINEC as a finishing profile for external wall corners, for finishing tile coverings, glass mosaics or plaster/rendered finishes to be supplied and professionally installed while observing the manufacturer's instructions.

Material:

- E = stainless steel 1.4301 (V2A)
- AE = anodised aluminium
- AC = colour coated aluminium
- TS = textured finished aluminium

Profile height: _____ mm

Art.-No.: _____

Material: _____ ./m

Labour: _____ ./m

Total: _____ ./m

