

Schlüter®-DECO

Wall corners and finishing profiles
for decorative edge protection

1.6

Product data sheet

Application and Function

Schlüter®-DECO is a protective profile with a 6 mm wide visible surface for decorative joint design in tiled surfaces, which not only meets functional requirements, but also meets the high aesthetic requirements for showrooms, lobbies or galleries, etc. Schlüter®-DECO is also ideal for finishing the perimeters of tiled surfaces or for transitions to different types of coverings, e.g. from tile to carpet or parquet.

Schlüter®-DECO ensures not only a decorative effect, but also provides protection against mechanical damage around edges.

Schlüter®-DECO-M and **-MC** can also be used as external wall corners. Matching pre-fabricated parts are available to create simple and elegant connections of Schlüter®-DECO-MC profiles to external corners.

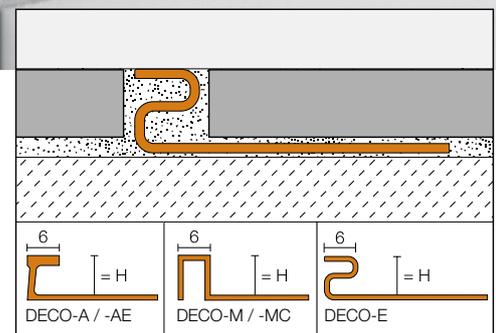
Material

Schlüter®-DECO is available in the following materials:

- E = Stainless steel, 1.4301 (V2A)
- A = Aluminium
- AE = Anodised aluminium
- M = Brass
- MC = Chrome plated brass

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®-DECO-M, in solid brass, is resistant to most 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®-DECO-MC is particularly suited for coatings, e.g. to match chrome plated bathroom fixtures. All visible surfaces must be protected against abrasion. Remove all mortar and grouting material immediately.

Schlüter®-DECO-E is made of roll formed V2A stainless steel (material no. 1.4301). Stainless steel is particularly suited for applications that, in addition to heavy mechanical stresses, require resistance to chemicals



(e.g. exposure to acids, alkalis, oils, greases and solvents). Even stainless steel is not resistant to all chemical stresses, and may be affected by hydrochloric and hydrofluoric acid or certain chloride and brine concentrations. Special anticipated stresses should therefore be verified in advance.

Schlüter®-DECO-A, 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 immediately remove mortar or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material to prevent alkaline water from accumulating in small cavities.

Schlüter®-DECO-AE, made of anodised aluminium, has an anodised surface finish that will not change under normal circumstances. The surface must be protected against abrasion or scratching.

Product Overview

Schlüter®-DECO

M = brass / MC = chrome plated brass / A = aluminium / AE = anodised aluminium / E = stainless steel

Length supplied: 2.50 m

Material	M	MC	A	AE	E
H = 8 mm			•	•	•
H = 9 mm	•	•			•
H = 10 mm			•	•	•
H = 11 mm	•	•			•
H = 12.5 mm	•	•	•	•	•
H = 14 mm					•
H = 16 mm					•
H = 18.5 mm					•
H = 21 mm					•
H = 25 mm					•
H = 30 mm					•
Exterior corner			•		

 Profiles with radius perforation; see current Illustrated Price List for details

Aluminium is sensitive to alkaline media. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and duration of exposure) 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.

Installation

1. Select Schlüter®-DECO according to the tile thickness.
2. Using a notched trowel, apply tile adhesive to the area where the tile covering will end or where a decorative joint element is to be placed.
3. Press the trapezoid-perforated anchoring leg of Schlüter®-DECO firmly into the adhesive and align it.
4. Trowel additional tile adhesive over the trapezoid-perforated anchoring leg to

ensure full coverage, filling all chambers of the profile.

5. Firmly press the adjoining tiles into place and align them in such a way that the upper profile edge is flush with the tile (the profile should not protrude over the surface of the covering; preferably, it should be approx. 1 mm below the top level of the covering). The tiles must be fully embedded in the area of the profile.
6. Leave a joint of approx. 2 mm between the tile and the profile and fill it completely with grout.

Maintenance

Schlüter®-DECO requires no special maintenance or care. Do not use abrasive cleaning agents on the sensitive surfaces.

The oxidation layer on brass or aluminium can be removed by using a conventional polishing agent, but will form again. Damaged anodized 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.

Text template for tenders:

Supply

_____ per metre Schlüter®-DECO as a transition profile or for decorative joint design in

- M = brass
- MC = chrome plated brass
- A = aluminium
- AE = anodised aluminium
- E = stainless steel

with a trapezoid perforated anchoring leg and 6 mm wide visible surface, and install according to manufacturer's specifications.

The installation of external corners is to be

- included in the unit prices.
- invoiced separately.
- Installation in individual lengths of _____ m.
- Installation in lengths, as required.

Profile height: _____ mm

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m



Schlüter®-DECO-M