

Schlüter®-DESIGNLINE

Wall corners and edge profiles
for decorative designs

2.2

Product data sheet

Application and function

Schlüter-DESIGNLINE is a border profile for producing decorative designs in interior wall coverings. The range of profiles can be combined with the corresponding Schlüter-RONDEC or-QUADEC profiles for external wall corners.

Schlüter-DESIGNLINE has a 25 mm wide visible surface area and a thickness of 6 mm. Therefore, the profile is suitable for use with tiles from a thickness of 6 mm. It can be used with thicker tiles by building up the setting material behind the profile.

The integrated joint spacer in the DESIGNLINE-A forms a defined joint cavity with the tile.

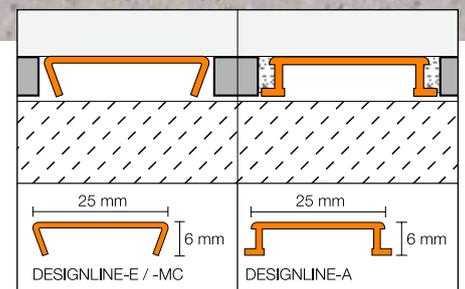
Material

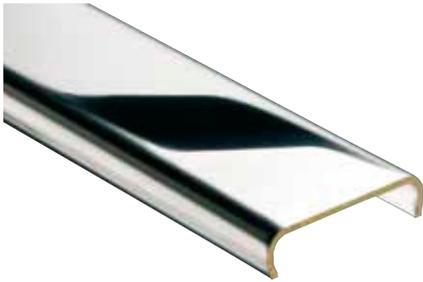
The DESIGNLINE border profile is available in the following materials:

E = Stainless steel V2A, polished
(material no. 1.4301 = AISI 304)
EB = Brushed stainless steel
MC = Chrome plated brass
C/A = MyDesign by Schlüter-Systems
AE = Anodised aluminium
AK = Satin copper/bronze anodised aluminium
AM = Satin brass anodised aluminium
AT = Satin titanium anodised aluminium
ACG = Polished chrome anodised aluminium
AKG = Polished copper/bronze anodised aluminium



AMG = Polished brass anodised aluminium
ATG = Polished titanium anodised aluminium
ACGB = Brushed chrome anodised aluminium
AKGB = Brushed copper/bronze anodised aluminium
AMGB = Brushed brass anodised aluminium
ATGB = Brushed titanium anodised aluminium





Schlüter®-DESIGNLINE-MC chrome plated brass



Schlüter®-DESIGNLINE-AME satin anodised (-AT)



Schlüter®-DESIGNLINE-AGBE brushed anodised(-ACGB)



Schlüter®-DESIGNLINE-AGBE brushed anodised (-ATGB)

Material properties and areas of application:

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

Schlüter-DESIGNLINE-E is made of roll formed stainless steel V2A (material no. 1.4301 = AISI 304). 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 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-DESIGNLINE-MC (brass with chrome finish) is particularly well suited for wall coverings, for example to match chrome-plated fittings in bathrooms. Visible surfaces should be protected against abrasion. Mortar and grouting material should be removed immediately.

Schlüter-DESIGNLINE-AE/ -ACG/ -ACGB/ -AM/ -AMG/ -AMGB/ -AK/ -AKG/ -AKGB/ -AT/ -ATG/ -ATGB (anodised aluminium): The aluminium features an anodised finish that retains a uniform appearance during normal use. Surface areas must be protected against abrasion or scratching. Aluminium is sensitive to alkaline media. Cementitious materials, in conjunction with moisture, become alkaline, which may result in corrosion depending on the concentration and length of exposure (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.



DESIGNLINE-AC (colour coated aluminium): can be ordered with a coating in 190 colours of the RAL Classic chart as part of the MyDesign by Schlüter-Systems* series or digitally printed with a custom design of your choice.

The aluminium is suitably pre-treated and then power-coated with a polyurethane covering. The colour-stable coating is UV- and weather-resistant. Surface areas must be protected against abrasion or scratching.

* The product advisors of our sales service and our Technical Department will be pleased to assist you with any questions you may have about MyDesign by Schlüter-Systems.

Note: Due to different manufacturing processes, slight colour discrepancies may occur between DESIGNLINE profiles and other Schlüter profiles with AC-coating.

Installation

1. Schlüter-DESIGNLINE may be used with tiles that are 6 mm thick or greater.
2. Set tiles up to the area where Schlüter-DESIGNLINE is to be installed as a decorative strip. Apply a sufficient amount of tile adhesive to this area or to the back of Schlüter-DESIGNLINE and push the profile down until its surface is flush with the tile.
3. Set the adjacent row of tiles.
4. Set the tile to the lateral joint spacer, which ensures a uniform joint of 1.5 mm. In case of stainless steel profiles, leave a space of approximately 1.5 mm. Fill joints completely with grout.
5. Use suitable materials and tools for the sensitive surfaces to avoid scratches or other damage. Residue of mortar and tile adhesive should be removed immediately, especially from aluminium finishes.



Maintenance

The profile 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.

Material	Recommended cutting tools	
Stainless steel	 With speed control	
Aluminium		  Saw blade for nonferrous metals
Brass		  Saw blade for nonferrous metals

Follow all safety instructions and requirements of the cutting tool manufacturer, including the use of safety goggles, ear protection and gloves. Regardless of the cutting tool to be employed, all burrs at the profile ends must be removed with a file or a comparable tool prior to installation.



Schlüter®-DESIGNLINE-E in floor installation



Schlüter®-DESIGNLINE-EB



Product overview:

Schlüter®-DESIGNLINE-A

AE = Anodised aluminium / AK = Satin copper/bronze anodised aluminium / AM = Satin brass anodised aluminium / AT = Satin titanium anodised aluminium / ACG = Polished chrome anodised aluminium / AKG = Polished copper/bronze anodised aluminium / AMG = Polished brass anodised aluminium / ATG = Polished titanium anodised aluminium / ACGB = Brushed chrome anodised aluminium / AKGB = Brushed copper/bronze anodised aluminium / AMGB = Brushed brass anodised aluminium / ATGB = Brushed titanium anodised aluminium

Length supplied: 2.50 m

Material	AE	AK	AM	AT	ACG	AKG	AMG	ATG	ACGB	AKGB	AMGB	ATGB
H = 6 mm	•	•	•	•	•	•	•	•	•	•	•	•

Schlüter®-DESIGNLINE-E

E = Stainless steel / EB = Brushed stainless steel

Length supplied: 2.50 m

Material	E	EB
H = 6 mm	•	•

Schlüter®-DESIGNLINE-MC

MC = Chrome plated brass

Length supplied: 2.50 m

Material	MC
H = 6 mm	•

Schlüter®-DESIGNLINE-AC

AC = Alu farbig beschichtet

Length supplied: 2.50 m

Material	C/A *
H = 6 mm	•

* custom RAL coating or digital printing

Text template for tenders:

_____linear metres Schlüter-DESIGNLINE as a decorative border profile with a 25 mm wide visible surface and a profile height of 6 mm and professionally install during tiling while observing the manufacturer's instructions.

Material:

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Art.-No.: _____
 Material: _____/m
 Labour: _____/m
 Total: _____/m