

Schlüter® -DILEX-AHK/ -AHKA

Movement and control joint profiles
Decorative cove shaped profile

4.21
Product data sheet

Application and function

Schlüter-DILEX-AHK/ -AHKA are cove-shaped aluminium profiles for internal wall corners, kitchen countertops and other shelving with tiled coverings. DILEX-AHK/ -AHKA are available in a variety of anodised finishes.

Schlüter-DILEX-AHK can also be ordered with a textured finish in various colours.

The outer surface of the profiles forms a symmetrically rounded internal corner along the surface edge. The integrated joint spacer forms a defined joint cavity with the tile.

The profiles, which are available in a wide range of finishing options, allow for decorative design and create interesting visual contrasts. In addition to their visual appeal, they simplify the thorough cleaning of internal corners.

DILEX-AHK/ -AHKA are ideally suited for combination with other Schlüter profiles that have the same surface finish. In particular, these include our Schlüter-RONDEC and Schlüter-DESIGNLINE borders and Schlüter-RONDEC-STEP finishing profiles for kitchen countertops.

Matching pre-formed pieces are available to create elegant connections to the profiles at internal and external corners.

DILEX-AHK is designed for attaching tile coverings on two sides.

DILEX-AHKA is suitable for connecting to existing coverings.

Material

DILEX-AHK/ -AHKA are made of aluminium featuring a variety of finish options.

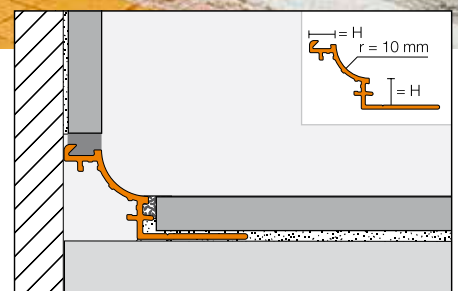


DILEX-AHK:

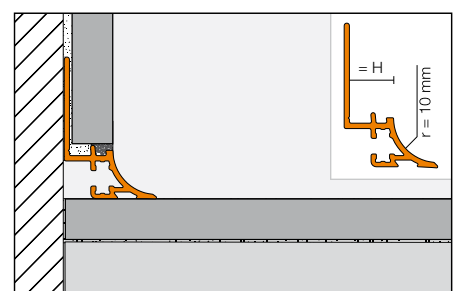
- AE = anodised aluminium
- ACG = polished chrome anodised aluminium
- ACGB = brushed chrome anodised aluminium
- C/A = MyDesign by Schlüter-Systems
- TS = textured finished aluminium

DILEX-AHKA:

- AE = anodised aluminium
- ACGB = brushed chrome anodised aluminium
- C/A = MyDesign by Schlüter-Systems



Schlüter-DILEX-AHK



Schlüter-DILEX-AHKA



Material properties and areas of application:

The suitability of DILEX-AHK/ -AHKA should be reviewed based on the anticipated chemical stresses. 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).

Remove adhesive or grout immediately from visible areas and don't cover freshly installed assemblies with a protective foil.

Surfaces with an anodised surface layer retain a uniform appearance during normal use. They must be protected against abrasion.

DILEX-AHK-AC/ -AHKA-AC (colour coated aluminium): The aluminium is suitably pre-treated and then 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-DILEX-AHK-TS profiles (textured aluminium) have a natural appearance (see DILEX-AHK-AC/ -AHKA-AC for further properties).



DILEX-AHK-AC/-AHKA-AC (colour coated aluminium) can be coated with a colour or design of your choice as part of the MyDesign by Schlüter-Systems* series (see DILEX-AHK-AC/DILEX-AHKA-AC for further properties).

* 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 the profiles and the corners. Solidly embed the profiles in the setting material to prevent alkaline water from accumulating in small cavities.

Installation

1. Select DILEX-AHK/ -AHKA according to the tile thickness.
2. Apply tile adhesive to the area where the perforated anchoring leg will be placed, using a notched trowel.
3. Press the perforated anchoring leg of DILEX-AHK/ -AHKA firmly into the adhesive and align it.
4. Trowel additional tile adhesive over the perforated anchoring leg to ensure full coverage.
5. Solidly embed adjacent tiles and adjust flush with the profile's upper edge. All tiles in the profile area must be solidly bedded.
6. The tile is set to the lateral joint spacer, which creates an evenly spaced joint of about 1.5 mm. Fill the joint completely with grout.
7. Use suitable materials and tools for the sensitive surfaces to avoid scratches or other damage. Mortar and tile adhesive should be removed immediately.
8. Matching preformed inside and outside corner pieces are available.

Note: Due to the asymmetrical design of DILEX-AHKA, the use of internal and external corners is only feasible in the installation configuration shown here.

Notes

The visible surfaces of Schlüter-DILEX-AHK/ -AHKA require no special maintenance or care. Do not use abrasive cleaning agents on the sensitive surfaces. Damage to the anodised surfaces can be restored with paint.



Product overview:

Schlüter®-DILEX-AHK

AE = anodised aluminium / ACG = polished chrome anodised aluminium / ACGB = brushed chrome anodised aluminium / C/A = colour coated aluminium / TS = aluminium, textured finished Length supplied: 2.5 m

Material	AE	ACG	ACGB	C/A*	TS
H = 8 mm	•	•	•	•	•
H = 10 mm	•	•	•	•	•
H = 12.5 mm	•	•	•	•	•
90° external corner (for connection with RONDEC)	•	•	•	•	•
90° external corner (for connection with QUADDEC)	•	•	•	•	•
External corner 135°	•	•	•	•	•
Internal corner 90°	•	•	•	•	•
Internal corner 135°	•	•	•	•	•
End cap	•	•	•	•	•
Connector	•	•	•	•	•

* custom coating



Schlüter-DILEX-AHK (TSI)

Colours (textured finished):
 TSI = textured, natural ivory
 TSSG = textured, natural stone grey
 TSDA = textured, natural dark anthracite

Schlüter®-DILEX-AHKA

AE = anodised aluminium / ACGB = brushed chrome anodised aluminium / C/A = colour coated Length supplied: 2.5 m

Material	AE	C/A*	ACGB
H = 8 mm	•	•	•
H = 10 mm	•	•	•
H = 12.5 mm	•	•	•
H = 15 mm	•	•	•
External corner 90°	•	•	•
External corner 135°	•	•	•
Internal corner 90°	•	•	•
Internal corner 135°	•	•	•
End cap, left	•	•	•
End cap, right	•	•	•

Note: Due to the asymmetrical design of Schlüter®-DILEX-AHKA, the use of internal and external corners is only feasible in the installation configuration shown here.

* custom coating



Schlüter-DILEX-AHKA

**Text template for tenders:**

_____ linear metres of Schlüter-DILEX-AHK as a decorative cove shaped profile for internal wall corners with a trapezoid perforated anchoring leg for attaching tile coverings on both sides ...to be supplied and professionally installed.

The installation of prefabricated parts such as internal and external corners

is to be included in the unit prices.

invoiced separately.

The manufacturer's specifications must be observed.

Material:

AE = anodised aluminium

ACG = polished chrome anodised aluminium

ACGB = brushed chrome anodised aluminium

C/A = MyDesign by Schlüter-Systems

TS = textured finished aluminium

Profile height: 8 mm 10 mm

12.5 mm

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m

Text template for tenders:

_____ linear metres of Schlüter-DILEX-AHKA as a decorative cove shaped profile for internal wall corners with a trapezoid perforated anchoring leg for attaching tile coverings on one side, designed for connecting to existing coverings ...to be supplied and professionally installed.

The installation of prefabricated parts such as external corners

or internal corners

is to be included in the unit prices.

invoiced separately.

The manufacturer's specifications must be observed.

Material:

AE = anodised aluminium

ACGB = brushed chrome anodised aluminium

C/A = MyDesign by Schlüter-Systems

Profile height: 8 mm 10 mm

12.5 mm 15 mm

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m