

Schlüter®-DILEX-AHK/ -AHKA

Movement joint and stress relief 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 worktops, or surfaces with ceramic coverings. Schlüter®-DILEX-AHK/-AHKA profiles are available in a variety of anodised finishes.

In addition, Schlüter®-DILEX-AHK is available with a textured coating in various colours. The integrated joint spacer defines a joint channel with the tile.

The profiles, which are available in a wide range of finishes, allow for decorative design and create interesting optical contrasts. In addition to an appealing look, the profiles allow for easy and thorough cleaning of internal corners.

Schlüter®-DILEX-AHK/ -AHKA is easily combined with other Schlüter® profiles to create a consistent decorative surface appearance. This includes the finishing profiles Schlüter®-RONDEC, Schlüter®-DESIGNLINE borders and Schlüter®-RONDEC-STEP finishing profiles for work surfaces. Matching prefabricated parts are available to create elegant connections to the profiles at internal and external corners. Schlüter®-DILEX-AHK is designed to attach to tile coverings on both sides, while Schlüter®-DILEX-AHKA can be connected to one side of existing coverings.



Material

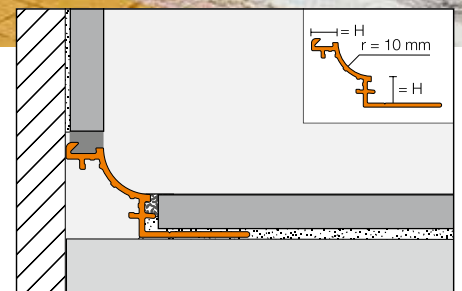
Schlüter®-DILEX-AHK/-AHKA are made of aluminium with different finishes.

Schlüter®-DILEX-AHK:

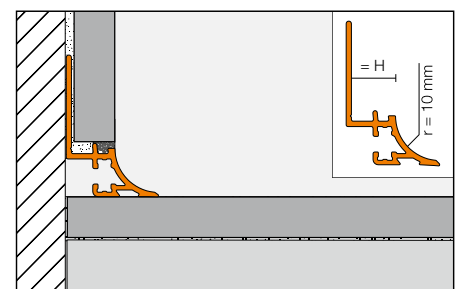
- AE = Anodised aluminium
- ACB = Polished chrome anod. aluminium
- ACGB = Brushed chrome anod. aluminium
- TS = Aluminium, textured coating

Schlüter®-DILEX-AHKA:

- AE = Anodised aluminium
- ACGB = Brushed chrome anod. aluminium



Schlüter®-DILEX-AHK



Schlüter®-DILEX-AHKA



Material properties and areas of application

The suitability of Schlüter®-DILEX-AHK/-AHKA must be verified based on the anticipated chemical stresses. 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.

Finishes that have been coated with an anodised layer will not show any further changes during normal use. They should be protected against abrasion.

Schlüter®-DILEX-AHK-TS (aluminium with textured coating) is a finish with a natural character.

The coating is colour-stable, as well as UV- and weather-resistant. Visible edges should also be protected against abrasion.

The profiles must be solidly embedded in the tile setting material to prevent alkaline water from accumulating in small cavities.

Installation

1. Select Schlüter®-DILEX-AHK/-AHKA according to the tile thickness.
2. Apply thin bed adhesive to areas where the perforated anchoring leg will be placed, using a notched trowel.
3. Press the perforated anchoring leg of Schlüter®-DILEX-AHK/-AHKA securely into the setting material and align the profile.
4. Trowel additional setting material over the perforated anchoring leg to ensure full coverage.
5. Solidly embed the tiles and align flush with the top of the profile. The tiles must be fully embedded in the area of the profile.
6. The tile is set abutting the lateral joint spacer, which creates an evenly spaced joint of approx. 1.5 mm.
Completely fill the space between the tile and the profile with grout. Note: where movement is expected at internal corners, leave a sufficiently wide joint between the tile and the profile and fill with elastomeric sealant.
7. Use materials and tools that will not scratch or cause other damage to sensitive surfaces. Grout and tile adhesive should be removed immediately.
8. Matching preformed internal and external corner pieces are available.

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

Maintenance

The visible surfaces of Schlüter®-DILEX-AHK/-AHKA require no special maintenance. Do not use abrasive cleaning agents on 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 /
 TS = aluminium textured coating Supplied length: 2.50 m

| Material | AE | ACG | ACGB | TS |
|--|----|-----|------|----|
| H = 8 mm | • | • | • | • |
| H = 10 mm | • | • | • | • |
| H = 12.5 mm | • | • | • | • |
| External corner 90° (RONDEC connection) | • | • | • | • |
| External corner 90° (QUADEC connection) | • | • | • | • |
| External corner 135° | • | • | • | • |
| Internal corner 90° | • | • | • | • |
| Internal corner 135° | • | • | • | • |
| End cap | • | • | • | • |
| Connector | • | • | • | • |



Schlüter®-DILEX-AHK (TSI)

Colours (textured coating):
 TSI = ivory
 TSSG = stone grey
 TSDA = dark graphite

Schlüter®-DILEX-AHKA

AE = anodised aluminium / ACGB= brushed chrome anodised aluminium

Supplied length: 2.50 m

| Material | AE | 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 | • | • |

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



Schlüter®-DILEX-AHKA

**Text template for tenders:**

_____ linear metres of Schlüter®-DILEX-AHK as a decorative cove shaped for internal wall corners with a trapezoid perforated anchoring leg, to be supplied and professionally installed for attachment to tile coverings on both sides. The installation of preformed parts such as internal and external corners.

- is to be included in the unit prices
- will be invoiced separately.

The installation instructions of the manufacturer must be observed.

Material:

- AE = Anodised aluminium
- ACG = Polished chrome anod. aluminium
- ACGB = Brushed chrome anod. aluminium
- TS = Aluminium textured coating

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 for internal wall corners with a trapezoid perforated anchoring leg, to be supplied and professionally installed for attachment to existing tile coverings on one side.

The installation of preformed parts such as internal and external corners

- is to be included in the unit prices
- will be invoiced separately.

The installation instructions of the manufacturer must be observed.

Material:

- AE = Anodised aluminium
- ACG = Polished chrome anod. aluminium
- ACGB = Brushed chrome anod. aluminium

Profile height: 8 mm 10 mm
 12.5 mm 15 mm

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m