

Schlüter®-DILEX-EKE/-EF

Corner profile
for flexible corner connections

4.13

Product data sheet

Application and Function

Schlüter®-DILEX-EKE and **Schlüter®-DILEX-EF** are single-part corner profiles for interior wall corners. If the floor covering is not constructed as a floating screed, Schlüter®-DILEX-EKE and Schlüter®-DILEX-EF may also be used as flexible floor/wall transitions. The trapezoid perforated, lateral anchoring legs are firmly embedded in the adhesive below the tile covering. In the case of Schlüter®-DILEX-EKE, one of the anchoring legs forms a chamber for inserting cut tile edges. In the case of Schlüter®-DILEX-EF, the tiles abut the profile from both sides, leaving a uniform joint space. The tile surface can be either flush with the profile edge or up to approx. 2 mm lower, which allows for choosing a variety of tile thicknesses. Completely fill the joint between the profile and the tiles with grout (or partly with tile adhesive during installation). The visible movement zone is only 5 mm wide. It must be verified for individual projects whether this 5 mm zone is sufficient for the expected movements.

Material

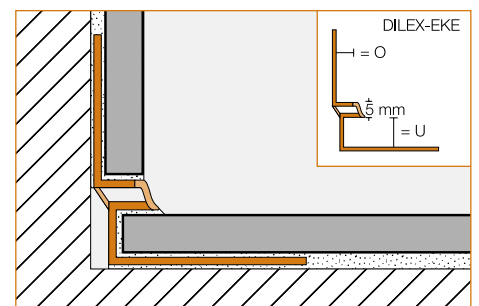
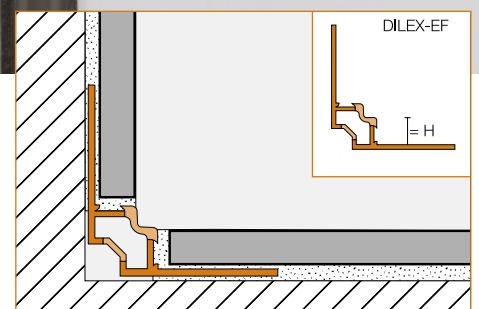
Schlüter®-DILEX-EKE and Schlüter®-DILEX-EF consist of recycled rigid PVC anchoring legs and a movement zone made of soft CPE.



Material properties and areas of application

Schlüter®-DILEX-EKE and Schlüter®-DILEX-EF are used as corner movement profiles for floor/wall transitions and interior wall corners. The material is resistant to most chemicals encountered in tiled environments. The soft CPE movement zone is UV resistant and can withstand exposure to weather. It is also resistant to fungi and bacteria and is, therefore, suitable for use around food preparation and storage areas.

The CPE material is resistant to a number of acids, alkalis, oils, greases and solvents. In special cases, the suitability of a proposed type of profile must be verified based on the anticipated chemical, mechanical and/or other stresses.





Installation of Schlüter®-DILEX-EKE

1. Select Schlüter®-DILEX-EKE according to tile thickness. Trim height "U" must enable insertion of the tile into the channel (e.g. U 11 for a tile thickness between approx. 9 – 10 mm).
2. Apply adhesive to the contact areas where the trapezoid perforated anchoring legs will be positioned, and press the profile securely into the adhesive. Trowel additional adhesive over the anchoring legs.
3. Set tile on one side, leaving a joint of approx. 2 – 3 mm. Insert the cut edge of the tile into the profile channel on the other side. Insert a sufficient amount of adhesive to completely fill the space between the rear wall of the chamber and the tile.
4. Fill the joints completely with grout.

Installation of Schlüter®-DILEX-EF

1. Select Schlüter®-DILEX-EF according to the tile thickness to ensure that the tile surface is either flush with the profile edge or up to approx. 2 mm below.
2. Apply tile adhesive on the trapezoid perforated anchoring legs. Firmly press the profile into the adhesive and embed the anchoring legs.
3. The tiles should abut the profile with a lateral joint of approx. 2 mm.
4. Completely fill the space between the tile and the profile with grout.

Maintenance

Schlüter®-DILEX-EKE and Schlüter®-DILEX-EF are resistant to fungi and bacteria, and require no special maintenance. Clean along with the tiled surface using common household cleaning agents.

Text template for tenders:

Supply _____ per metre Schlüter®-DILEX-EKE as a corner movement profile for floor/wall connections and inner wall corners with lateral trapezoid perforated anchoring legs made of rigid PVC – one of which contains an insertion channel for cut tile edges – connected by an approx. 5 mm wide flexible movement zone made of soft CPE. Install according to the manufacturer's specifications.
 Colour: _____
 Profile height U: _____
 Profile height O: _____
 Art.-No.: _____
 Material: _____/m
 Labour: _____/m
 Total: _____/m

Text template for tenders:

_____ linear metres of Schlüter®-DILEX-EF as a single piece corner movement profile for floor/wall transitions and interior wall corners with lateral, trapezoid perforated anchoring legs of rigid PVC, flexibly connected with an approx. 5 mm wide soft CPE cove shaped expansion zone, to be supplied and professionally installed. The installation instructions of the manufacturer must be observed.
 Profile height: _____ mm
 Colour: _____
 Art.-No.: _____
 Material: _____/m
 Labour: _____/m
 Total price: _____/m

Product Overview

Schlüter®-DILEX-EKE

Colours: G = grey, PG = pastel grey, BW = brilliant white, HB = light beige, GS = black, SP = soft peach
 Length supplied: 2.50 m

Colours	G	PG	BW	HB	GS	SP
U = 8 mm / O = 7 mm	•	•	•	•	•	•
U = 9 mm / O = 8 mm	•	•	•	•	•	•
U = 11 mm / O = 10 mm	•	•	•	•	•	•
U = 13 mm / O = 12 mm	•	•	•	•	•	•
U = 15 mm / O = 14 mm	•	•	•	•	•	•

Schlüter®-DILEX-EF

Colours: G = grey, PG = pastel grey, BW = brilliant white, HB = light beige, SP = soft peach
 Length supplied: 2.50 m

Colours	G	PG	BW	HB	SP
H = 8 mm	•	•	•	•	•
H = 10 mm	•	•	•	•	•
H = 12.5 mm	•	•	•	•	•
H = 15 mm	•	•	•	•	•

