

4.14 Schlüter®-DILEX-EK

CORNER PROFILE

FOR FLEXIBLE CORNER CONNECTIONS

Application and Function

Schlüter®-DILEX-EK is a two-part corner profile with a tongue-and-groove connection for permanent flexible corner joints between floor and skirting or wall tiles. Schlüter®-DILEX-EK absorbs large movement, up to 8 mm. Movement of this size are commonly encountered between skirting or wall tiles and radiant heated floors or floors installed over an insulating layer.

The lateral trapezoid-perforated anchoring legs lock the profile securely into the tile adhesive. A channel located at the bottom of the profile enables the insertion of cut tile edges. The flexible tongue-and-groove connection accepts vertical movements up to approx. 8 mm.

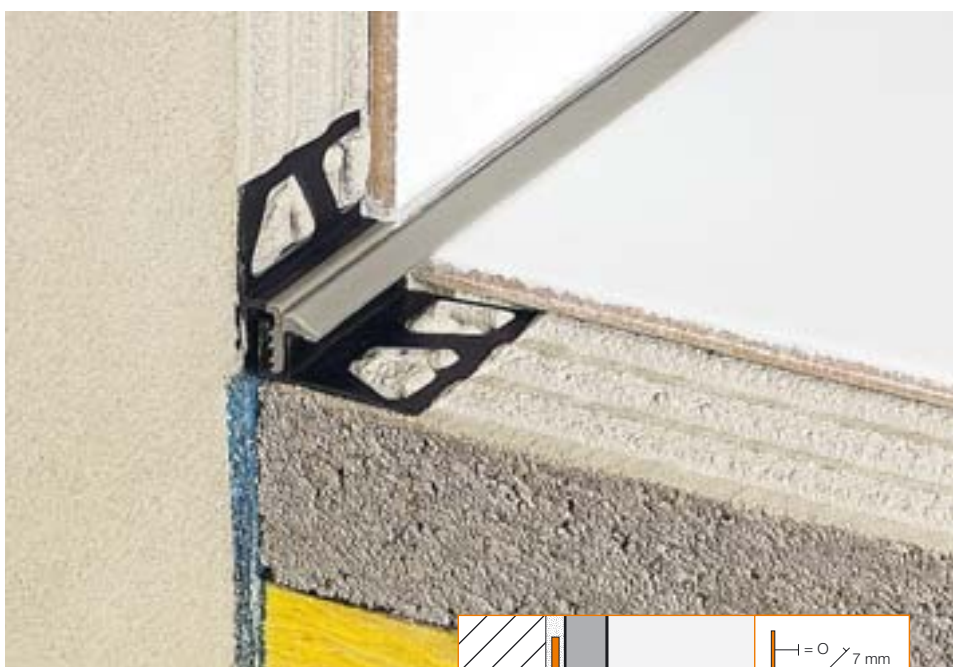
Schlüter®-DILEX-EK prevents sound bridges at floor/wall connections, thereby reducing sound transmission.

Material

Schlüter®-DILEX-EK consists of lateral anchoring legs made of recycled rigid PVC, and a soft CPE movement zone.

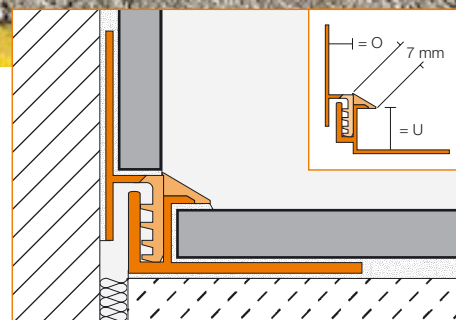
Material Properties and Areas of Application:

Schlüter®-DILEX-EK is used as a corner movement profile for wall/floor connections within tiled surfaces installed in the thin bed method. The trim 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, suited for use around food (pursuant to FDA regulations).

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

1. Select Schlüter®-DILEX-EK according to tile thickness: O = thickness of wall or skirting tile, U = thickness of floor tile, whereby trim height "U" dimensions must allow for easy insertion of the floor tile into the chamber (e.g. U11 for a tile thickness of approx. 8 mm to 10 mm).
2. Apply adhesive to the contact areas where the trapezoid-perforated anchoring legs will be positioned, and press the profile securely into adhesive. Trowel additional adhesive over the anchoring legs.
3. Insert floor tiles into the profile channel. Set wall or skirting tiles above the profile, leaving a joint of approx. 2 mm - 3 mm between the tile and the trim.
4. Fill the joint completely with grout.

Maintenance

Schlüter®-DILEX-EK is resistant to fungi and bacteria and requires no special maintenance. Clean along with the tiled surface using common household cleaning agents.

Text template for tenders:

Supply
 _____ per metre Schlüter®-DILEX-EK as two-part corner profile with a tongue-and-groove connection for permanent flexible corner joints between floor and skirting or wall tiles, featuring trapezoid-perforated anchoring legs made of rigid PVC and a movement zone made of soft CPE, suitable for accepting vertical movements up to approx. 8 mm, and install according to manufacturer's specifications.
 Profile height U: _____
 Profile height O: _____
 Colour: _____
 Art.-No.: _____
 Material: _____/m
 Labour: _____/m
 Total: _____/m



Product overview:

Schlüter®-DILEX-EK

Colours: G = grey, PG = pastel grey, BW = brilliant white, HB = light beige, GS = black

Length supplied: 2.50 m

Colours	G	PG	BW	HB	GS
U = 8 mm / O = 7 mm	•	•	•	•	•
U = 11 mm / O = 7 mm	•	•	•	•	•
U = 15 mm / O = 7 mm	•				
U = 20 mm / O = 7 mm	•				
U = 24 mm / O = 7 mm	•				
U = 8 mm / O = 10 mm	•	•	•	•	•
U = 11 mm / O = 10 mm	•	•	•	•	•
U = 15 mm / O = 10 mm	•				
U = 20 mm / O = 10 mm	•				
U = 24 mm / O = 10 mm	•				
U = 8 mm / O = 14 mm	•				
U = 11 mm / O = 14 mm	•				
U = 15 mm / O = 14 mm	•				
U = 20 mm / O = 14 mm	•				
U = 24 mm / O = 14 mm	•				