

Schlüter®-DILEX-BWB

Movement joint profile
for wide movement joints

4.6

Product data sheet



Application and Function

Schlüter®-DILEX-BWB is a pre-fabricated movement profile for tiled coverings. The perforated anchoring legs, made of recycled rigid PVC, are secured in the tile adhesive beneath the tiles where they transmit occurring movements to the soft CPE movement zone (the upper movement zone is also the visible surface).

The movement zone absorbs compressive, tensile, and shear stresses. It is 10 mm wide, matching common expansion joint widths, and is capable of accommodating relatively large movements.

In addition to residential applications, Schlüter®-DILEX-BWB can also be installed in areas with medium traffic loads, such as offices or salesrooms. The profiles are also suited for exterior use, e.g. on facades or balconies.

Material

Schlüter®-DILEX-BWB consists of lateral perforated anchoring legs and side sections made of recycled rigid PVC, connected by a bottom and top movement zone made of soft CPE.

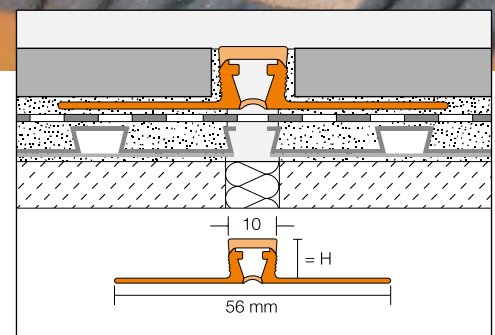
Material properties and areas of application

The material is resistant to most chemicals commonly encountered in tiled environments and is formulated to inhibit fungus and bacteria growth.



In special cases, the suitability of a proposed type of material must be verified based on anticipated chemical, mechanical, and/or other stresses. The profile's CPE movement zones are UV-stable and free of softening agents.

Schlüter®-DILEX-BWB is a surface movement profile for tile coverings set in the thin bed method. The profile must align directly over the existing movement joint in the substrate. It is not suited for use above structural expansion joints.





Installation

1. Select Schlüter®-DILEX-BWB according to tile thickness.
2. Apply tile adhesive to the area where the profile is to be installed, using an appropriate notched trowel.
3. Press the trapezoid-perforated anchoring leg of Schlüter®-DILEX-BWB firmly into the adhesive and align it. Continue any movement joints from the substrate in the same dimensions.
4. Trowel additional tile adhesive over the trapezoid-perforated anchoring leg to ensure full and solid bedding.
5. Firmly press the adjoining tiles into place and align the upper profile edge flush with the tile (profile should not protrude over the surface of the covering; preferably, it should be approx. 1 mm lower). The tiles must be fully embedded in the area of the profile.
6. Leave a joint of approx. 2 mm to the profile.
7. Completely fill the space between the tiles and the profile with grout..

Maintenance

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



Application areas depending on local traffic load



Foot traffic

Total weight –



Shopping carts

Total weight max. 0.4 t



Cars

Total weight max. 3.5 t



Trucks

Total weight max. 40 t



Forklifts

Pneumatic tyres

Total weight max. 5 t

Solid rubber tyres

Total weight max. 2.5 t



Pallet trucks

Hard rubber tyres

Total weight max. 2.5 t
(Pallet trucks must have tandem axles)

● Suitable

● Unsuitable

Text template for tenders:

Supply

_____ metre Schlüter®-DILEX-BWB as a surface movement profile with lateral perforated anchoring legs made of recycled rigid PVC and an approx. 10 mm wide flexible movement zone made of soft CPE, and install according to manufacturer's specifications.

Profile height

(according to tile thickness) _____ mm

Colour: _____

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m

Product Overview

Schlüter®-DILEX-BWB

Length supplied: 2.50 m

Colours	G	PG	BW	HB	GS	SP	C	SG	DA	FG
H = 6 mm	●	●	●	●	●		●	●	●	●
H = 8 mm	●	●	●	●	●	●	●	●	●	●
H = 10 mm	●	●	●	●	●	●	●	●	●	●
H = 12.5 mm	●	●	●	●	●	●	●	●	●	●
H = 15 mm	●									
H = 20 mm	●									

Movement zone colours:

G = grey

PG = pastel grey

BW = brilliant white

HB = light beige

GS = graphite black

SP = soft peach

C = cream

SG = stone grey

DA = dark anthracite

FG = joint grey