

Schlüter®-DILEX-BWS

Movement joint profile
for narrow movement joints

4.7

Product data sheet



Application and Function

Schlüter®-DILEX-BWS 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 and is only 5 mm wide, matching common grout joint widths. Consequently, the smaller width absorbs relatively limited movements; this should be taken into account when evaluating the requirements for a specific application. Schlüter®-DILEX-BWS is particularly suited as a movement joint for tile coverings installed over Schlüter®-DITRA 25.

If larger movements within the covering are anticipated, installation of Schlüter®-DILEX-BWB, with a 10 mm movement zone, is recommended.

Schlüter®-DILEX-BWS is suitable for both residential use and medium-duty commercial applications such as offices or stores. The profile is also suited for exterior use.

Material

Schlüter®-DILEX-BWS 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.

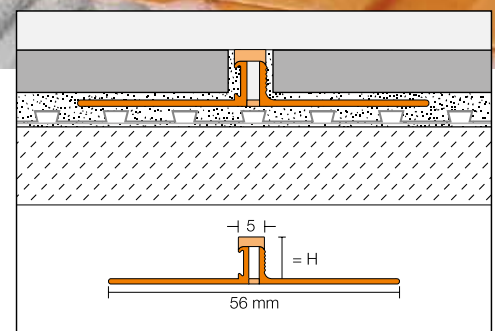


Material properties and areas of application

The material is resistant to most chemicals commonly encountered in tiled environments and is formulated to inhibit fungi 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-BWS 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-BWS 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-BWS 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 coverage 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. Since cement-based grouting materials cannot establish a lasting bond with synthetic materials, tearing at the profile joint cannot be ruled out.

Maintenance

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

Text template for tenders:

Supply

_____ per metre Schlüter®-DILEX-BWS as a surface movement profile with lateral perforated anchoring legs made of recycled rigid PVC and an approx. 5 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



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

Product Overview

Schlüter®-DILEX-BWS

Length supplied: 2.50 m

Colours	G	PG	BW	HB	GS	SP	C	SG	DA	FG
H = 4.5 mm	•	•	•	•	•	•	•	•	•	•
H = 6 mm	•	•	•	•	•	•	•	•	•	•
H = 8 mm	•	•	•	•	•	•	•	•	•	•
H = 9 mm	•	•	•	•	•	•	•	•	•	•
H = 10 mm	•	•	•	•	•	•	•	•	•	•
H = 11 mm	•	•	•	•	•	•	•	•	•	•
H = 12.5 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