

Schlüter®-DILEX-BWS

Movement joint profile
for narrow movement joints

4.7

Product data sheet



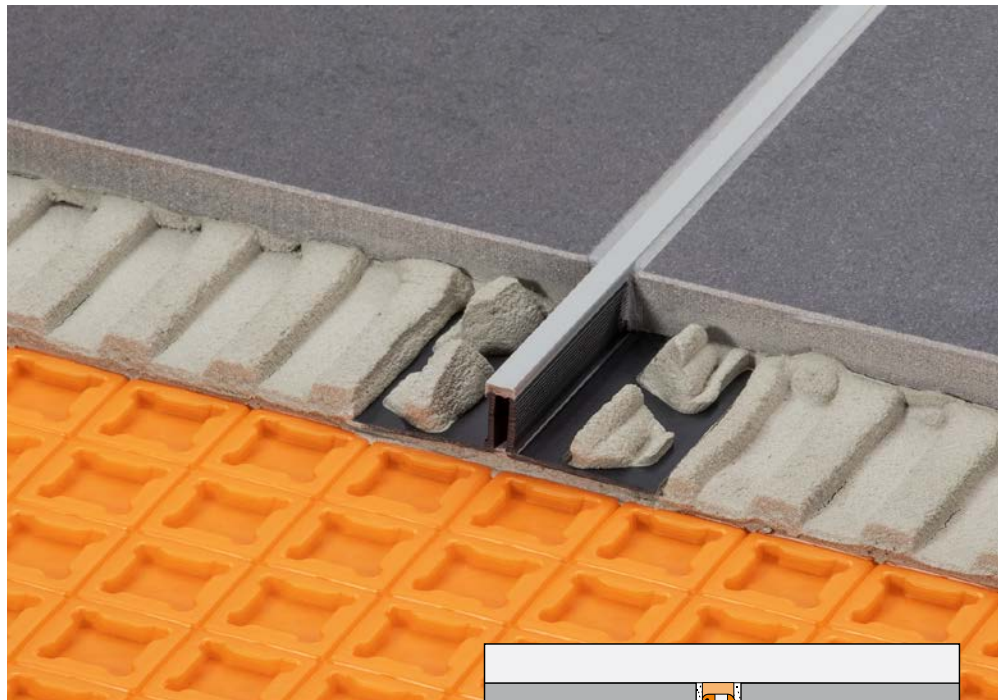
Application and Function

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. DILEX-BWS is particularly suited as a movement joint for tile coverings installed over Schlüter-DITRA.

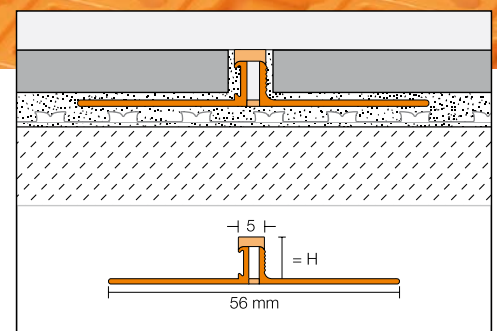
If larger movements within the covering are anticipated, installation of Schlüter-DILEX-BWB, with a 10 mm movement zone, is recommended.

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.

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.



Installation

1. Select the profile according to the tile thickness and the method of installation.
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. Movement joints must align directly with existing joints from the substrate below.
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.

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.

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

● Suitable

Movement absorption of Schlüter®-DILEX-BWS

DILEX-BWS	1.5 mm	1.5 mm	± 1.0 mm

Product Overview

Schlüter®-DILEX-BWS

Length supplied: 2.50 m

Colours	G	PG	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

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