

## 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.

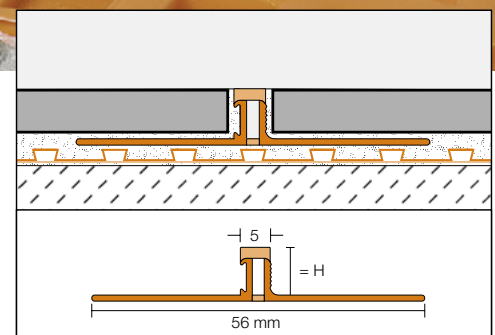


### Material properties and areas of application

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. Trowel the tile adhesive over the area where the profile is to be installed.
3. Press the perforated anchoring legs of the Schlüter®-DILEX-BWS into the tile adhesive and align. The profile must align with movement joints in the substrate.
4. Trowel additional adhesive over the perforated anchoring legs to ensure full coverage.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile (the profile should not be higher than the tiled surface, but rather up to approx. 1 mm lower). Full coverage must be obtained between the tile and the profile's anchoring leg.
6. A joint of approx. 2 mm should be left between the tile and the profile.
7. Fill the joint completely with grout. Since cement-based grouting materials cannot establish a lasting bond with synthetic materials, cracking of 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



## Product Overview

### Schlüter®-DILEX-BWS

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
H = 4.5 mm	•	•	•	•	•	•
H = 6 mm	•	•	•	•	•	•
H = 8 mm	•	•	•	•	•	•
H = 9 mm	•	•	•	•	•	•
H = 10 mm	•	•	•	•	•	•
H = 11 mm	•	•	•	•	•	•
H = 12.5 mm	•	•	•	•	•	•