Schlüter Systems®

PROFILE OF INNOVATION

Schlüter®-DILEX-MP/-MPV

Movement joint profile
for mortar bed applications

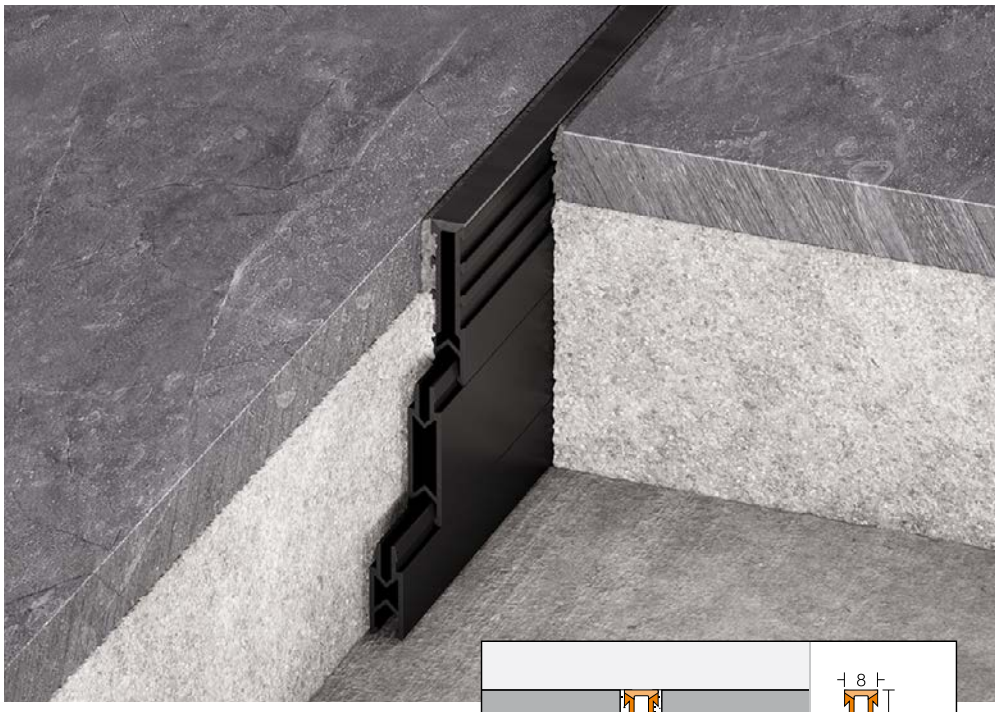
4.3
Product data sheet

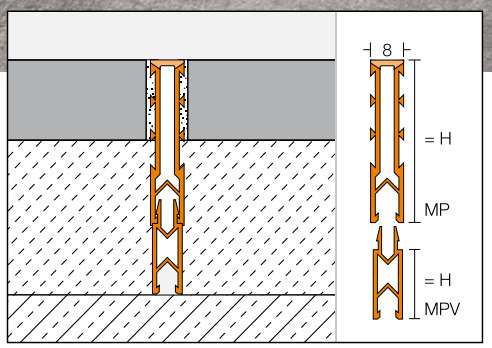
Application and function

Schlüter-DILEX-MP is a special profile consisting of combined PVC-U (rigid PVC) and PVC-P (flexible PVC). By attaching the Schlüter-DILEX-MPV extension profile, it can be adjusted to the assembly height of the surface covering. The profile system is suitable for creating expansion joints in floor coverings made of ceramic tile, natural stone, brick or synthetic pavers over screed mortar beds. The profile separates the individual covering sections and equalises compression stresses in its centre segment of PVC-P. Since the profile does not have lateral frictional anchoring in the mortar bed, it is not suited for absorbing any tensile stresses that may be present. The lateral edges of the PVC-U profile, which are covered by a PVC-P movement zone of approx. 1 mm at the top, protect the edges of adjoining covering materials from minor mechanical impact, e.g. in residential settings, offices or salesrooms.
The DILEX-MP profile can also be hammered into joints cut retrospectively or, inserted into wider joints during refurbishment work. The remaining space must be carefully filled with grout or epoxy.

Material

The DILEX-MP profile consists of PVC-U (rigid PVC) side sections that feature dovetailed anchoring ribs. These are connected at the top by a PVC-P (flexible PVC) movement zone. The DILEX-MPV extension profile is made of PVC-U (rigid PVC).





Material properties and areas of application

The profile is resistant to the chemical stresses commonly encountered with tiled coverings. Check on a case-by-case basis whether the intended material type is suitable for the expected chemical, mechanical or other stresses. The movement zone of the profile is UV-resistant and free from phthalate-based plasticisers.

DILEX-MP/-MPV creates an expansion joint in ceramic tile or paver coverings that are set into a mortar bed. Individual covering fields are separated by the profile whose soft PVC-P movement zone equalises respective compressive stresses.

Installation

1. Adjust the required profile height according to design height by attaching snap-on extensions (Schlüter-DILEX-MPV).
2. Lay the profile flush with the edge of a completed covering section. The profile must be fully embedded in mortar along its entire length.
3. Install the adjacent covering area so that it is flush with the profile and embed it across its entire surface.
4. Finally, fill the remaining gap between the profile and the covering with grout.

Installation note on joint repair: Fit or tap the profile adjusting its width and depth to match the prepared joint cavity. Fill the joint between the profile and the covering with grout, epoxy resin or adhesive mortar.

Notes

DILEX-MP is resistant to fungi and bacteria and requires no special maintenance or care. It is simply cleaned as part of the routine cleaning of the tiled covering. We recommend using standard household cleaning products for this.

Application area based on local traffic volume

Persons
Total weight –

Shopping carts
Total weight max. 0.4 t

Cars
Total weight max. 3.5 t

Movement absorption

DILEX-MP	2 mm

Product overview

Schlüter®-DILEX-MP

Colours: G = grey, HB = light beige, GS = graphite black

Supplied length: 2.50 m

Colours	G	HB	GS
H = 35 mm	•	•	•

Schlüter®-DILEX-MPV

Mortar bed profile extension

Supplied length: 2.50 m

Height	MPV
H = 15 mm	•
H = 25 mm	•

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