Schlüter Systems®

PROFILE OF INNOVATION

Schlüter®-KERDI-SHOWER-LT / -LTS

Drainage

Sloped trays for linear drainage

8.8

Product data sheet

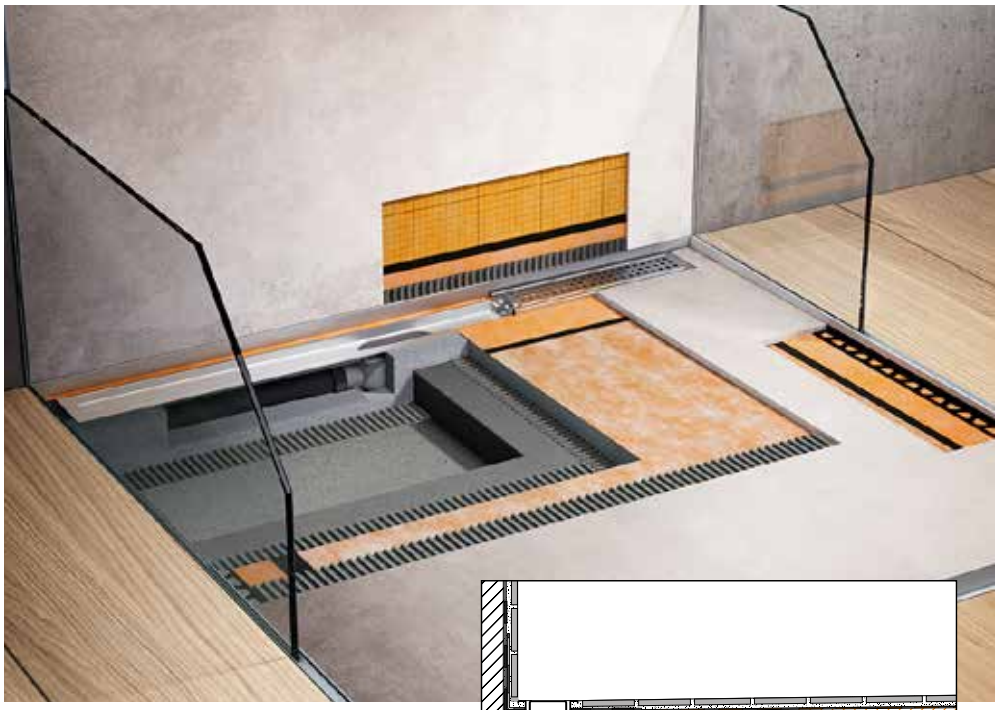
Application and function

Schlüter-KERDI-SHOWER-LT is a sloped tray made of compression-resistant expanded polystyrene (EPS). It was developed for use with the matching linear drainage system Schlüter-KERDI-LINE (see product data sheet 8.7). The Schlüter-KERDI waterproofing membrane is laminated directly onto the shower tray, which has a sufficient surface slope. The sloped tray version without KERDI waterproofing is suitable for use as a sloped insulation board below screeds - preferably below Schlüter-BEKOTEC screed. The component is shipped as a folded unit for easier transport.

A sloped board is installed on both sides of a centrally/intermediate positioned linear drain or on one side of a linear drain positioned against the wall. For this purpose, a levelling layer made of screed, construction board or bound fill must be created on a load-bearing substrate in advance. The assembly height of the levelling layer has to be matched to the sloped tray and drain being used.

The installation of Schlüter-KERDI-LINE-V for vertical drainage enables low assembly heights from 24 mm.

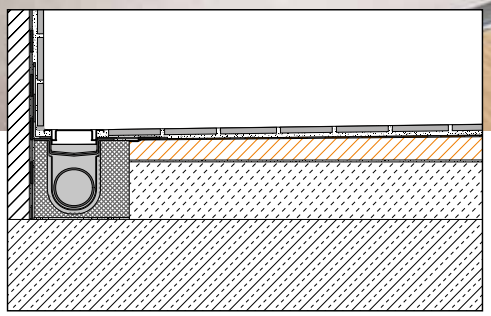
Individual dimensions can be created by cutting the sloped board with a utility knife, using the pre-marked cutting grooves. Depending on the situation at the construction site, the sloped tray can be used with the corresponding, load-bearing substrates (e.g. wooden floors, vertical drain, mortar substrate etc.).



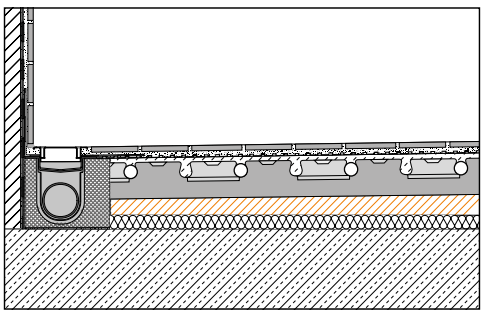
The available base dimensions include:
(drainage is always situated on the first-listed side)

100 x 100 cm - wall installation
122 x 122 cm - wall installation
139.5 x 139.5 cm - wall installation
91.5 x 139.5 cm - wall installation
91.5 x 183 cm - wall installation
96.5 x 193 cm - wall installation
136.5 x 200 cm - wall installation
193 x 96.5 cm - wall installation

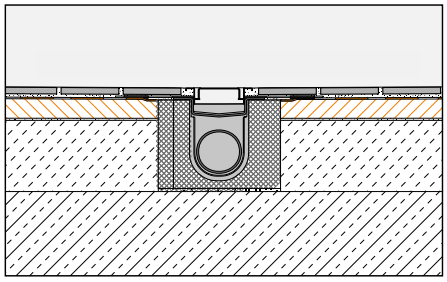
100 x 100 cm - intermediate installation
122 x 122 cm - intermediate installation
139.5 x 139.5 cm - intermediate installation



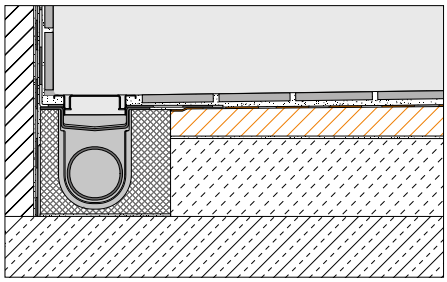
Schlüter®-KERDI-SHOWER-LTS with Schlüter®-KERDI-LINE-H, wall installation



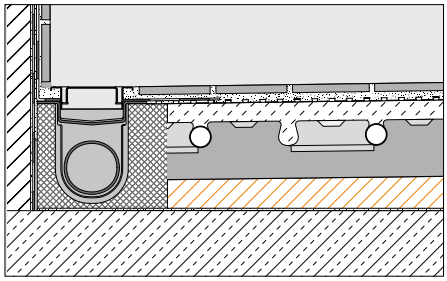
Alternative: Heatable BEKOTEC screed on Schlüter®-KERDI-SHOWER-BSLS with Schlüter®-KERDI-LINE-H 50, wall installation



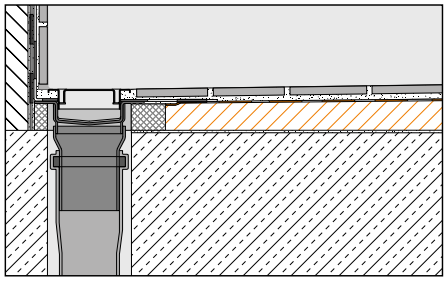
Schlüter®-KERDI-SHOWER-LT with
Schlüter®-KERDI-LINE-H, intermediate installation



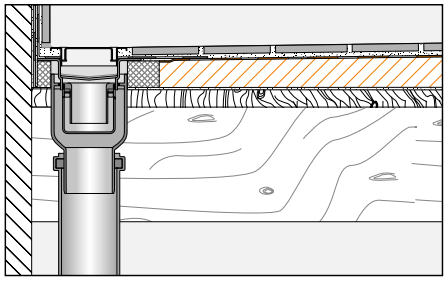
Schlüter®-KERDI-SHOWER-LTS with
Schlüter®-KERDI-LINE-H, wall installation



Schlüter®-KERDI-SHOWER-BSLS with
Schlüter®-KERDI-LINE-H 40, wall installation



Schlüter®-KERDI-SHOWER-LTS with
Schlüter®-KERDI-LINE-V 50 GSE, wall installation



Schlüter®-KERDI-SHOWER-LTS with
Schlüter®-KERDI-LINE-V 50 GE,
wooden substrate - wall installation

Material

Sloped tray made of compression-resistant expanded polystyrene (EPS). The Schlüter-KERDI waterproofing membrane is laminated on the surface of the sloped tray (except Schlüter-KERDI-SHOWER-BSL and -BSLS).
Schlüter-KERDI is a waterproofing membrane made of soft polyethylene with a special fleece fabric surface for effective anchoring in tile adhesive and other covering materials.

Material properties and areas of application:

Schlüter-KERDI-SHOWER-L assemblies, in conjunction with the linear drainage KERDI-LINE, are classified as K3 according to BS EN 1253, Gullies for buildings. This class refers to areas without vehicle traffic, e.g. wetrooms in apartments, nursing homes, hotels, schools, and public washroom and shower facilities. The floor area can withstand normal foot traffic, regardless of the tile dimensions. An additional load distribution layer or larger tile formats should be installed if higher traffic loads, e.g. from wheelchair use, are expected. The suitability of KERDI-SHOWER-L must be verified based on the anticipated chemical, mechanical and/or other stresses.

Installation

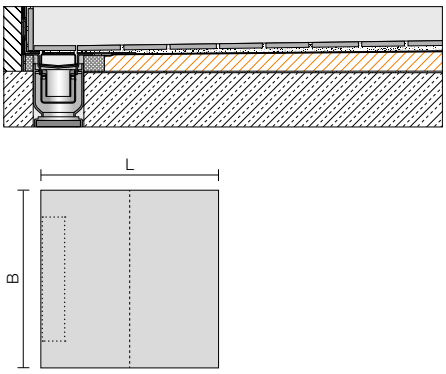
For further details see product data sheet 8.7 Schlüter-KERDI-LINE.

1. To install KERDI-LINE-H with a horizontal drain and odour trap, start by precisely fitting the channel support and channel body. The components can be adhered with thin-bed tile adhesive, provided the substrate is level and height-adjusted.
2. Properly install the levelling layer (compressive strength >= 0.5 N/mm²) on the weight-bearing substrate. Make sure that the upper edge of the levelling layer is situated approx. 24 mm below the linear drainage. The levelling layer must be situated approx. 15 mm below the linear drainage with the installation of KSLT 1365/2000S.
   If impact sound insulation is required, install suitable impact sound insulation underneath the levelling layer and KERDI-LINE-H (e.g. KERDI-LINE-SR) together with the corresponding edge strips.
3. To install the vertical linear drainage KERDI-LINE-V, adhere the sloped tray directly on a suitable substrate at the appropriate height.
4. Notch the sloped tray at the pre-marked cutting grooves with a utility knife, depending on the selected dimension of KERDI-LINE.
   Then embed the sloped tray fully in thin-bed tile adhesive to be flush with the KERDI-LINE channel support. Slide the small groove of the adjoining sloped tray surface laterally below the flange.
5. Now attach the KERDI collar that is pre-adhered at the linear drainage to the adjoining waterproofing of the sloped tray, using the sealing adhesive Schlüter-KERDI-COLL-L.
6. Tiles can be installed in the thin-bed method as soon the bonded waterproofing assembly has been completed (see also product data sheets 8.1 Schlüter-KERDI and 8.4 Schlüter-KERDI-COLL-L). No curing time is required.
7. To install the tiles, apply the dry setting thin-bed tile adhesive directly on the KERDI waterproofing membrane and then fully embed the tiles in the adhesive.
   Note: Only system-certified thin-bed tile adhesives approved for KERDI may be used in areas where KERDI waterproofing assemblies must meet the requirements of national technical approval (abP) or CE conformity. Please contact us for further information about such adhesives.
8. Other coverings such as coatings, vinyl and similar materials can be installed in principle, but are not described in further detail here and may require additional clarification. Our Technical Department will be pleased to offer recommendations on request.

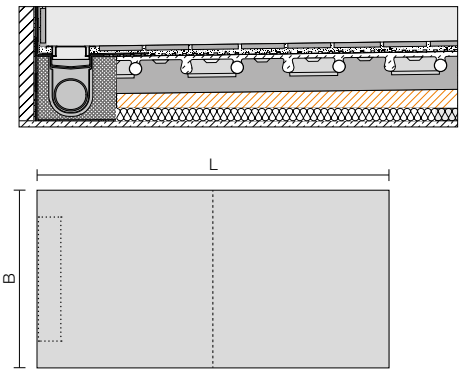
The sloped KERDI-SHOWER-BSL / -BSLS tray can also be used for sloped insulation. For this purpose, adjust it to the height of the adjoining insulation and apply the screed on top. We recommend installing a BEKOTEC screed, which is available in unheated versions or as the heated assembly BEKOTEC-THERM. If applicable, the shower area may have to be separated from the adjoining areas with an expansion joint.

Product overview:

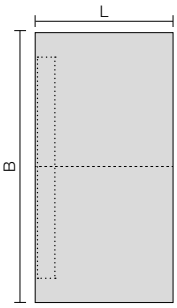
Wall installation



Schlüter®-KERDI-SHOWER-LTS, square BOARD



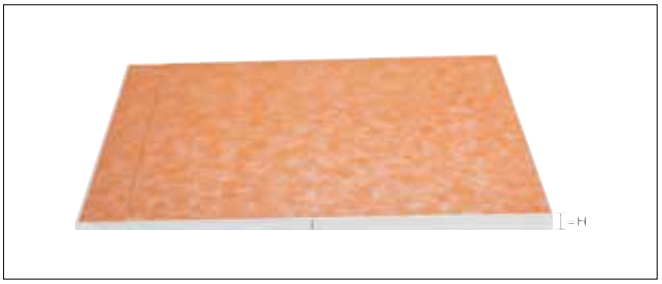
Schlüter®-KERDI-SHOWER-LTS, drain on the short side



Schlüter®-KERDI-SHOWER-LTS, drain on the long side

Schlüter®-KERDI-SHOWER-LTS
Assembly: sloped tray coated with Schlüter-KERDI, square (2% slope)

L x B = cm	H = mm
100 x 100	42
122 x 122	46
139.5 x 139.5	50



Schlüter®-KERDI-SHOWER-LTS
Assembly: sloped tray coated with Schlüter-KERDI, rectangular - drain on the short side B

L x B = cm	H = mm	Slope
139.5 x 91.5	50	2%
183 x 91.5	58	2%
193 x 96.5	60	2%
200 x 136.5	39	1.25 %



Schlüter®-KERDI-SHOWER-LTS
Assembly: sloped tray coated with Schlüter-KERDI, rectangular - drain on the long side B (2% slope)

L x B = cm	H = mm
96.5 x 193	41



Schlüter®-KERDI-SHOWER-BSLS
Assembly: uncoated sloped tray below BEKOTEC screed (2% slope)

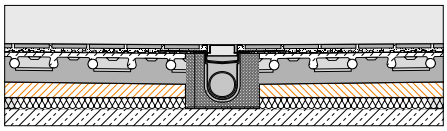
L x B = cm	H = mm
100 x 100	42
140 x 140	50

Centre installation

Schlüter®-KERDI-SHOWER-BSL

Assembly: uncoated sloped tray below BEKOTEC screed (2% slope)

L x B = cm	H = mm
100 x 100	32
140 x 140	36

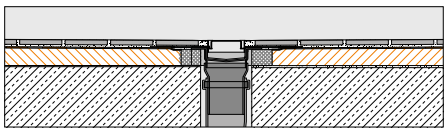


Schlüter®-KERDI-SHOWER-BSL with Schlüter®-KERDI-LINE-H 50, intermediate installation

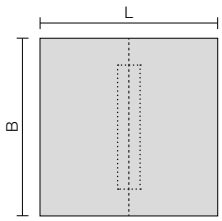
Schlüter®-KERDI-SHOWER-LT

Assembly: sloped trays coated with Schlüter-KERDI for centre installation (2% slope)

L x B = cm	H = mm
100 x 100	32
122 x 122	34
139.5 x 139.5	36



Schlüter®-KERDI-SHOWER-LT with Schlüter®-KERDI-LINE-V 50 GSE, intermediate installation





Schlüter®-KERDI-SHOWER-LT, intermediate drainage

Text template for tenders:

_____units Schlüter-KERDI-SHOWER-LT/-LTS as a floor-level sloped shower tray suitable for tiling, made of rigid expanded polystyrene foam and laminated with Schlüter-KERDI, for the linear drainage Schlüter KERDI-LINE as

- Schlüter KERDI-SHOWER-LTS,

for wall installation with a given slope,
in sizes:

- 100 x 100 cm
- 122 x 122 cm
- 139.5 x 139.5 cm
- 91.5 x 139.5 cm
- 91.5 x 183 cm
- 96.5 x 193 cm
- 136.5 x 200 cm
- 193 x 96.5 cm

_____units Schlüter-KERDI-SHOWER-LT/-LTS as a floor-level sloped shower tray suitable for tiling, made of rigid expanded polystyrene foam and laminated with Schlüter-KERDI, for the linear drainage Schlüter KERDI-LINE as

- Schlüter KERDI-SHOWER-LT,

for intermediate installation with a given slope,
in sizes:

- 100 x 100 cm
- 122 x 122 cm
- 139.5 x 139.5 cm

… to be supplied and professionally adhered according to manufacturer's specifications.
Art.-No._____
Material: _____ € / unit
Labour: _____ € / unit
Total: _____ € / unit

_____units Schlüter-KERDI-SHOWER-BSL/-BSLS sloped tray made of rigid expanded polystyrene foam for use below

- cement screed
- Schlüter-BEKOTEC-EN

as

- Schlüter-KERDI-SHOWER-BSLS,

(uncoated), for wall installation with a given slope

- Schlüter-KERDI-SHOWER-BSL,

(uncoated), for intermediate installation with a given slope
in sizes:

- 100 x 100 cm
- 140 x 140 cm

… to be supplied and professionally adhered according to manufacturer's specifications.
Art.-No._____
Material: _____ € / unit
Labour: _____ € / unit
Total: _____ € / unit

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