

Material description

Schlüter®-DITRA 25

Schlüter-DITRA 25 is a polyethylene membrane with a grid structure of square cavities, each cut back in a dovetail configuration. The anchoring fleece, which is laminated to the underside of the matting, serves to anchor the membrane into the tile adhesive on the substrate. On the topside of the matting, tile adhesive becomes mechanically anchored into the cut-back cavities.

**Uncoupling:** Schlüter-DITRA 25 neutralises stresses between the substrate and the tiled surface.

**Waterproofing:** Schlüter-DITRA 25 is waterproof and protects the substrate from moisture.

**Equalisation of vapour pressure:** Interconnected air channels between the cavities on the underside of the Schlüter-DITRA 25 matting remain open. This allows moisture in the substrate to evaporate, thus neutralising vapour pressure.

Schlüter®-DITRA 25 delivery units

Schlüter®-DITRA 25	
Width:	100 cm
Length:	5 m or 30 m rolls



Detail solutions

Schlüter®-balcony construction

Schlüter-BARA-RTK/-RTKEG is a finishing profile for the exposed edges of balconies and terraces that have an existing load bearing and sloped substrate. The profile is made of corrosion treated (chromated), colour coated aluminium and features a special attachment flange for connecting the Schlüter-BARIN gutter system.

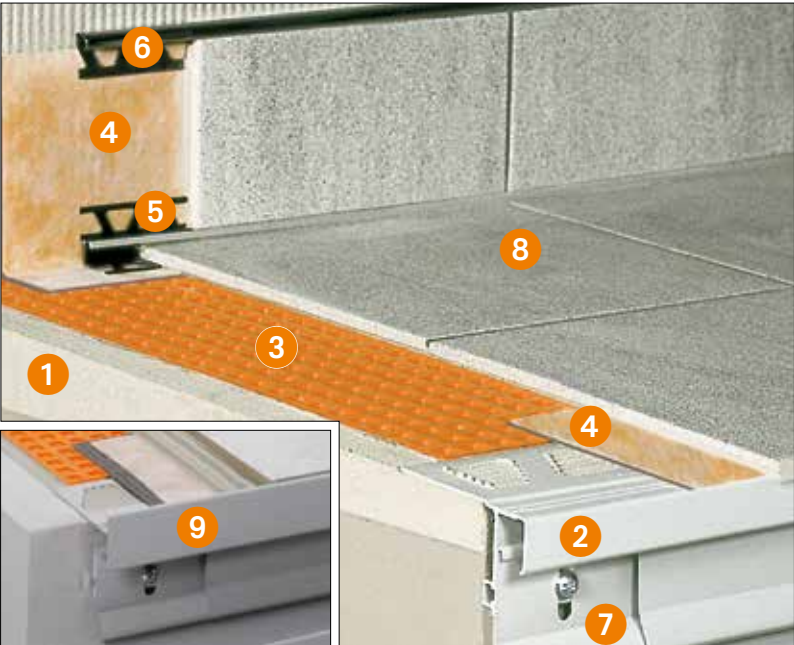
Delivery units

<b>Schlüter®-BARA-RTK</b>	Balcony edge profile, aluminium
Length:	2.5 m
Colours:	BW – GM – HB – PG – RB – SB
<b>Schlüter®-BARA-RTK/E 90°</b>	Outside corner 90°
Colours:	BW – GM – HB – PG – RB – SB
<b>Schlüter®-BARA-RTK/E 135°</b>	Outside corner 135°
Colours:	BW – GM – HB – PG – RB – SB
<b>Schlüter®-BARA-RTK/I 90°</b>	Inside corner 90°
Colours:	BW – GM – HB – PG – RB – SB
<b>Schlüter®-BARA-RT/V</b>	Connector
Colours:	BW – GM – HB – PG – RB – SB
<b>Schlüter®-BARA-RT/EK</b>	End cap
Colours:	BW – GM – HB – PG – RB – SB
<b>Schlüter®-BARA-RTKEG</b>	Balcony edge profile, aluminium
Length:	2.5 m
Colours:	GM – PG
<b>Schlüter®-BARA-RTKEG/E 90°</b>	Outside corner 90°
Colours:	GM – PG
<b>Schlüter®-BARA-RTKEG/E 135°</b>	Outside corner 135°
Colours:	GM – PG
<b>Schlüter®-BARA-RTKEG/I 90°</b>	Inside corner 90°
Colours:	GM – PG
<b>Schlüter®-BARA-RTKE/V</b>	Connector
Colours:	GM – PG

**Colour key:**  
HB - light beige, RB - red brown, SB - black brown, PG - pastel grey, BW - brilliant white, GM - grey metallic



Balcony cross-section



Assembly variant with balcony edge profile 9 Schlüter-BARA-RTKEG

- 1 Substrate with sloped screed surface
- 2 Schlüter®-BARA-RTK
- 3 Schlüter®-DITRA 25
- 4 Schlüter®-KERDI-KEBA
- 5 Schlüter®-DILEX-EKE
- 6 Schlüter®-QUADEC/-RONDEC/-JOLLY
- 7 Schlüter®-BARIN
- 8 Ceramic/stoneware tiles or natural stone pavers  
We recommend Schlüter-DITRA-DRAIN for coverings with an edge length ≥ 30 x 30 cm.
- 9 Schlüter®-BARA-RTKEG

Other system solutions

Would you like to know more about Schlüter products and system solutions for tile installation? The following brochures are available from our stockists and distributors. Additional information can be obtained from our website at [www.schluter.co.uk](http://www.schluter.co.uk).



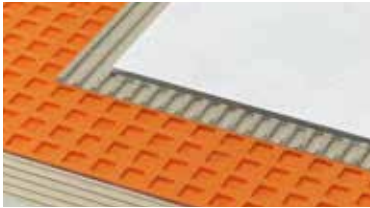
**Schlüter®-DILEX**  
Profile system for permanently maintenance free movement joints and corner joints



**Schlüter®-KERDI**  
Secure waterproofing in just a few steps



**Schlüter®-RONDEC and -QUADEC**  
Profile systems for the design and edge protection of wall corners



**Schlüter®-DITRA 25**  
Waterproofing and uncoupling membrane for tile installations over problematic substrates (e.g. wood, plaster, or cracked substrates)



**Schlüter®-TREP**  
Slip resistant stair nosing profiles



**Schlüter®-BEKOTEC-THERM**  
The ceramic thermal comfort floor



Complete solutions for new construction and renovation of balconies and terraces





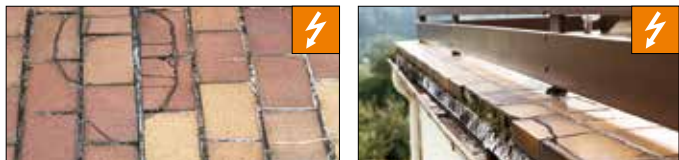
## Schlüter®-Balcony Systems

### proven and lasting performance for balconies



Frost, snow and rain are challenges for every balcony. The balcony assembly is constantly exposed to stresses caused by temperature fluctuations. Failures can only be prevented through the proper construction of an assembly specifically designed to address these stresses. The Schlüter-Balcony System offers a damage free balcony assembly. The substrate must be a screed or equally load-bearing substrate with a sufficient slope. The Schlüter-BARA profile, which is designed to accept the Schlüter-BARIN gutter profile, is installed in the edge area. The water-

proofing membrane, Schlüter-DITRA 25, is installed with suitable tile adhesive, and tiles are laid directly on top. DITRA 25 forms a waterproofing layer and protects the substrate from moisture. Due to its special configuration, the membrane is able to equalise the different stresses that occur between the substrate and the floor covering as a consequence of temperature changes. Naturally, the tile adhesive and the tiles used in the assembly must be weather and frost resistant.



Typical problems easily prevented using Schlüter-Balcony Systems.

### Safe waterproofing in a few easy steps:



1. To install Schlüter-BARA-RTK as an edge finishing profile, embed the anchoring leg in the thin-set adhesive at the edge of the screed and fully cover the anchoring leg with mortar. Pre-formed parts are available for interior and exterior corners. Abut the profile ends with a joint of approx. 5 mm and cover the gap with clip-on connectors.
2. Cut Schlüter-DITRA 25 to size with a cutting knife and install the material in the fresh tile adhesive, which must be evenly applied with a 3 x 3 mm notched trowel. Bring the edge of the DITRA 25 membrane up to the anchoring leg of the RTK profile.
3. Using a float and working in a single direction, fully press Schlüter-DITRA 25 into the adhesive. Set the individual membranes tightly next to one another.

### Safe waterproofing in a few easy steps:



4. Use the 12.5 cm wide seaming tape Schlüter-KERDI-KEBA to seal the abutting seams of Schlüter-DITRA 25 by completely covering the seam area with the sealing adhesive Schlüter-KERDI-COLL-L and fully embedding KERDI-KEBA.
5. The connection to the profile is established with the 18.5 cm wide seaming tape Schlüter-KERDI-KEBA. The tape has to be adhered past the undercut profile of the adhesive flange of Schlüter-BARA-RTK, using the sealing adhesive Schlüter-KERDI-COLL-L. The balcony edge profile BARA-RTKEG can be installed as an alternative to the profile BARA-RTK for concealing the tile edge.

### Safe waterproofing in a few easy steps:

6. For the floor-wall connection, adhere Schlüter-KERDI-KEBA to the bottom of the DITRA 25-mat and embed it directly in the substrate in the wall area. The width of this seaming tape is typically 25 cm. Use the sealing adhesive Schlüter-KERDI-COLL-L for the installation.
7. Tiles may be installed immediately afterwards in the thin-set method. For this purpose, apply tile adhesive with a sufficiently large notched trowel on the Schlüter-DITRA 25-mat and fully embed the tiles in it. At the edges of the covering, the tiles can either be set flush with the drip lip of Schlüter-BARA-RTK or protrude about 10 mm.
8. After the completion of the covering, the gutter system Schlüter-BARIN can be attached to the Schlüter-BARA profile, using the supplied screws. The elongated holes allow for setting the desired slope.

All work must follow the applicable installation notes of the corresponding product data sheets as well as official installation guidelines.

**All applied materials must be frost proof, weatherproof and suitable for exterior applications.**



### Material and shopping checklist

To install a permanently damage free balcony covering, you will need the following materials:

- ☐ **Schlüter®-DITRA 25**
- ☐ **Schlüter®-KERDI-KEBA**
- ☐ **Schlüter®-KERDI-COLL-L** sealing adhesive
- ☐ **Schlüter®-DILEX-EKE** edge profile
- ☐ **Schlüter®-DILEX-BWS** movement joint profile
- ☐ **Schlüter®-BARA-RTK** balcony edge profile
- ☐ **Schlüter®-BARA-RTKEG** balcony edge profile
- ☐ **Schlüter®-BARIN** gutter system
- ☐ Frost-resistant ceramic/stoneware tiles or natural stone pavers
- ☐ Frost-proof tile adhesive

Your retail store:

**Schlüter-Systems KG** · Schmöllestraße 7 · D-58640 Iserlohn  
Tel.: +49 2371 971-261 · Fax: +49 2371 971-112 · [www.schluter-systems.com](http://www.schluter-systems.com)

**Schlüter-Systems Ltd** · Units 3-5 Bardon 22 Industrial Estate  
Beveridge Lane · Coalville · Leicestershire · LE67 1TE  
Tel.: +44 1530 813396 · Fax: +44 1530 813376  
[sales@schluter.co.uk](mailto:sales@schluter.co.uk) · [www.schluter.co.uk](http://www.schluter.co.uk)