

Schlüter®-BARA-RT/-RTC

Edge profile
T shaped edge profile

5.19

Product data sheet

Application and function

Schlüter-BARA-RT/-RTC are T shaped edge profiles for coverings on balconies and terraces. They can be used in constructions made with loose gravel or paver supports or in bonded assemblies.

In installations with self-supporting pavers on spots of mortar or gravel/crushed stone beds, the trapezoid perforated anchoring leg of BARA-RT is placed at the edge of the construction on top of the Schlüter-TROBA or Schlüter-TROBA-PLUS drainage membrane, where it is aligned vertically and horizontally. The vertical finishing leg provides a neat edge for the complete assembly and allows for the drainage of water.

Schlüter-BARA-RTC is a T shaped finishing profile with a 20 mm defined outer edge and a vertical anchoring leg, available in heights (H1) from 20 to 100 mm, as well as a protruding drip edge. The 20 mm outer edge makes it suitable for covering thicknesses of up to 20 mm.

Schlüter-BARA-RT is a T shaped finishing profile with a vertical finishing leg and a horizontal, trapezoid perforated anchoring leg. The vertical finishing leg comprises a short and a long leg component, which are available in various height combinations. The different profile heights from 9 to 65 mm accommodate a variety of edge formats. The profile is suitable for use with tile coverings. In this case, the trapezoid perforated anchoring leg of the finishing profile BARA-RT is fully embedded in the tile adhesive and integrated into the bonded waterproofing assembly.

Alternatively, the trapezoid perforated anchoring leg of BARA-RT can be fully embedded in the screed, which allows for screeding the mortar bed flush with the

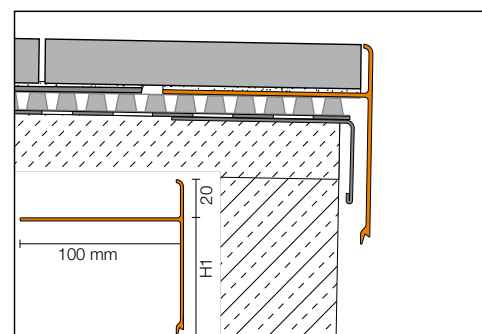
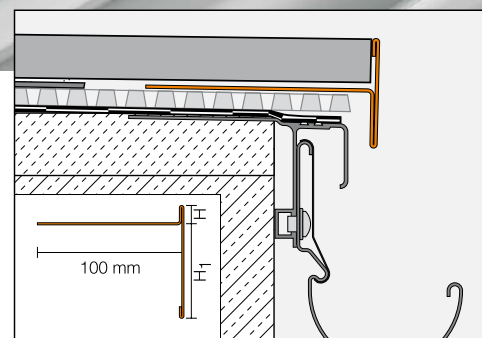


upper edge of the profile. TROBA-PLUS must be installed as an area drainage membrane between the waterproofing layer and the screed to ensure that water cannot accumulate in the screed layer.

If Schlüter-DITRA is to be installed, the screed must be levelled 3 mm below the top of the profile.

The profile creates a neat edge finish and covers the edges of tiles as well as any exposed screed.

Note: Schlüter-BARA-RHA is available as a height-adjustable finishing profile made of coated aluminium in a matching colour. It is inserted into BARA-RT for finishing the exposed edges of balconies and terraces to create a neat edge appearance.



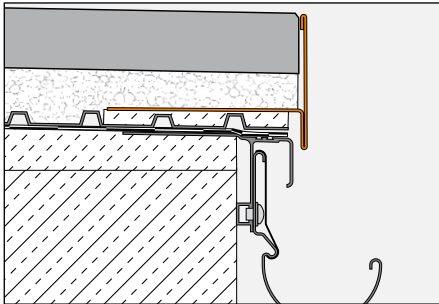


Fig. 1

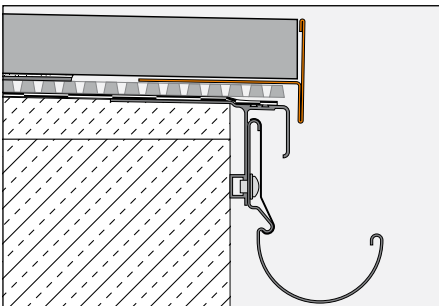


Fig. 2

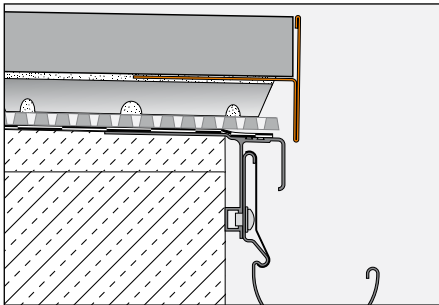


Fig. 3

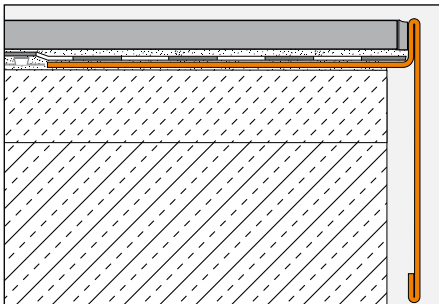


Fig. 4

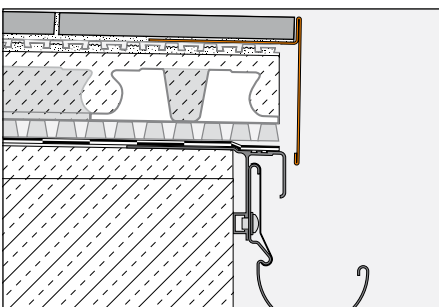


Fig. 5

Material

The profiles are available in the following material version:

AC = colour coated aluminium
C/A = MyDesign by Schlüter-Systems (BARA-RTC only)

Material properties and areas of application:

BARA-RT and BARA-RTC are made of colour coated aluminium. The coating of the aluminium profile is colour-stable, as well as UV- and weather-resistant. Visible surfaces should be protected against abrasion. No water should be allowed to collect in the tile adhesive in which BARA-RT or BARA-RTC is fully embedded, since alkaline water may corrode the aluminium.

In special cases, the suitability of BARA-RT and BARA-RTC must be verified based on the anticipated chemical or mechanical stresses.



As part of the MyDesign by Schlüter-Systems* series, Schlüter-BARA-RTC can be ordered with a coating in 190 colours of the RAL Classic chart (see BARA-RTC for further properties).

* The product advisors of our sales service and our Technical Department will be pleased to assist you with any questions you may have about MyDesign by Schlüter-Systems.

Installation with self-supporting pavers on gravel/crushed stone beds with BARA-RT (Fig. 1)

1. Select BARA-RT according to the thickness of the edge area to be covered. Prefabricated corners are available for external corners. Abut the profile ends with a joint of approx. 5 mm and conceal the joint with snap-on connectors, using the installation adhesive Schlüter-KERDI-FIX.
2. Embed the trapezoid perforated anchoring leg of BARA-RT in a spot of tile adhesive on top of the previously installed drainage membrane TROBA-PLUS and align it horizontally and vertically. If the assembly is constructed over gravel, install the TROBA drainage membrane

first, followed by attaching BARA-RT with spots of mortar.

3. If BARA-RT is used as a gravel retaining edge (Fig. 1), the loose gravel should reach just below the upper edge of the vertical profile leg in such a way that it corresponds to the thickness of the covering. Next, place the concrete pavers loosely on the levelled gravel bed.

Installation with self-supporting pavers on spots of mortar with BARA-RT / BARA-RTC (Fig. 2 and 3)

- 3.2 If the assembly is constructed on top of TROBA-PLUS with the thin-bed formwork rings Schlüter-TROBA-STELZ-DR (Fig. 2), the BARA-RT / BARA-RTC finishing profile will cover the exposed edge of the assembly. In this case, place the outer spots of thin-bed mortar on the trapezoid perforated anchoring leg of BARA-RT / BARA-RTC. Then install the self-supporting pavers over the spots of mortar.

- 3.3 If the assembly is constructed with the paver supports Schlüter-TROBA-STELZ-MR (Fig. 3), the BARA-RT / BARA-RTC profile is integrated into the spot of mortar. The finishing profile covers the exposed edge of the cover assembly. The self-supporting pavers are then installed on top of the stilted construction.

Note: Leave a sufficiently large space for drainage to allow for unobstructed water drainage in the edge area of the cover assembly.

Installation in conjunction with bonded tile assemblies with BARA-RT (Fig. 4 and 5)

1. Select BARA-RT according to the thickness of the edge area to be covered. Prefabricated corners are available for external corners. Abut the profile ends with a joint of approx. 5 mm and conceal the joint with snap-on connectors, using the installation adhesive Schlüter-KERDI-FIX.
2. Embed the trapezoid perforated anchoring leg of BARA-RT on the edge of the screed (Fig. 4) or on the previously installed drainage membrane Schlüter-DITRA-DRAIN (Fig. 5) by placing it into the thin-set mortar bed and completely covering it with mortar.



3. If using DITRA, abut the edge of the membrane to the anchoring leg. Use the sealing band Schlüter-KERDI-KEBA to create the connection to the profile. The sealing band must be adhered with an overlap of at least 5 cm over DITRA and to the angled edge of BARA-RT, using the sealing adhesive Schlüter-KERDI-COLL-L or the installation adhesive KERDI-FIX.
4. The tiles should now be installed, leaving a suitable space to the finishing leg, which is to be filled with grout.

Installation in screed with BARA-RT (Fig. 6)

1. Align and attach BARA-RT at the desired level on a mortar bed in the edge area. Abut the profile ends of BARA-RT with a joint of approx. 5 mm and conceal the joint with snap-on connectors.
2. Now form a load distribution layer by installing a screed mortar, which must be sloped to end flush with the upper edge of the BARA-RT profile or be screeded to accommodate the thickness of the tiles. Leave a space of 3 mm below the upper edge of the profile for installing the uncoupling and waterproofing membrane DITRA.

Installation with self-supporting pavers on the paver support system TROBA-LEVEL with BARA-RT / BARA-RTC (Fig. 7)

3. Select BARA-RT / BARA-RTC according to the thickness of the edge area to be covered.
4. If using the paver support system TROBA-LEVEL, the BARA-RT / BARA-RTC finishing profile covers the exposed edge of the cover assembly (Fig. 7).

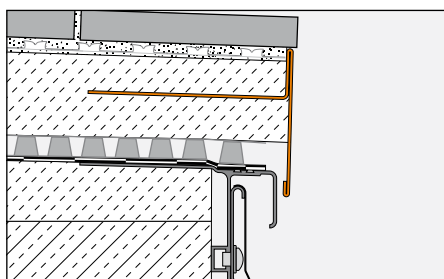


Fig. 6

Edge/corner solution:

Paver supports created with TROBA-LEVEL-PL10 / PL30 at the edge can be stacked with a 90° offset to reach the necessary assembly height. TROBA-LEVEL-PL 10 paver supports can be cut into halves or quarters for use along edges or in corners (min. paver width 60 mm). Any unnecessary connectors of the paver support can be tapped off.

If using rotatable TROBA-LEVEL-PLV 60 paver supports, remove the bottom plate at the cutting mark on the underside (Fig. 9). Any unnecessary connectors of the paver support can be tapped off (min. paver width 85 mm).

Place BARA-RT/BARA-RTC on the supports and pre-drill one or two holes above the paver supports. A distance of 5 mm must be maintained between profile ends. For countersunk screws, use a corresponding drill bit. Attach the profiles to the paver supports with countersunk screws (Fig. 10).

Apply setting material to the horizontal anchoring leg of BARA-RT / -RTC with Schlüter-KERDI-FIX and then embed the self-supporting pavers in the fresh mortar bed (Fig. 11).

Note: For further information and detailed installation recommendations for TROBA-LEVEL, please refer to our data sheet 7.6 TROBA-LEVEL or the installation instructions for BARA-RTC over TROBA-LEVEL.

Notes

BARA-RT and BARA-RTC require no special maintenance or care. The coated surface of the aluminium profile is colourfast. Damage to surface can be restored with paint.

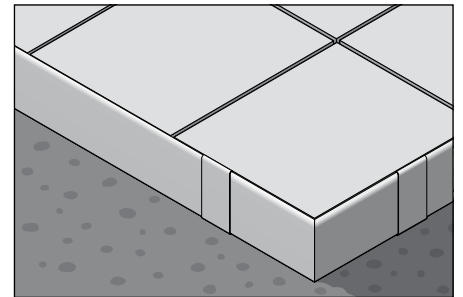


Fig. 7

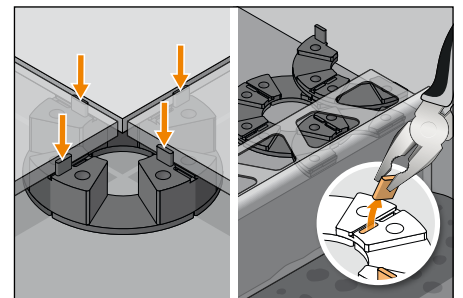


Fig. 8

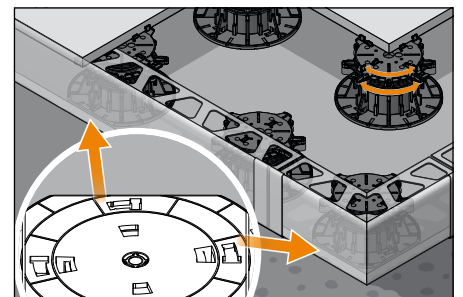


Fig. 9

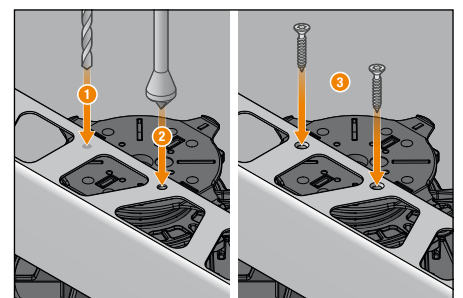


Fig. 10

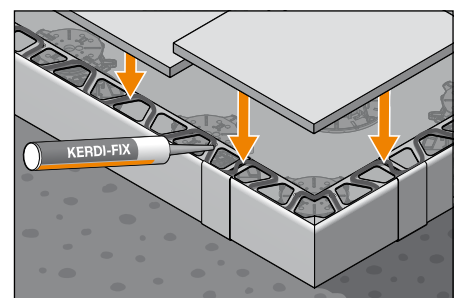


Fig. 11



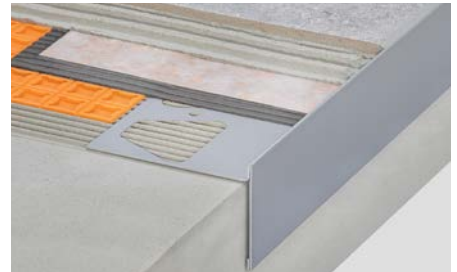
Product overview:


Schlüter®-BARA-RT

Colours: AG = anthracite grey, BW = brilliant white, GM = grey metallic, PG = pastel grey, SB = black brown

Length supplied: 2.50 m

Colours	AG	BW	GM	PG	SB
H/H1 = 9/60 mm	•	•	•	•	•
H/H1 = 12/16 mm	•	•	•	•	•
H/H1 = 12/65 mm	•	•	•	•	•
H/H1 = 20/50 mm	•	•	•	•	•
H/H1 = 25/40 mm	•	•	•	•	•
H/H1 = 30/35 mm	•	•	•	•	•
90° corner	•	•	•	•	•
Connector	•	•	•	•	•



 Profiles with radius perforation; see current Illustrated Price List for details.

Schlüter®-BARA-RTC

Colours: AG = anthracite grey, BW = brilliant white, GM = grey metallic, PG = pastel grey, SB = black brown,

C/A = MyDesign by Schlüter-Systems*

Length supplied: 2.50 m


Farben	AG	BW	GM	PG	SB	C/A
H/H1 = 20/20 mm	•	•	•	•	•	•
H/H1 = 20/40 mm	•	•	•	•	•	•
H/H1 = 20/50 mm	•	•	•	•	•	•
H/H1 = 20/60 mm	•	•	•	•	•	•
H/H1 = 20/80 mm	•	•	•	•	•	•
H/H1 = 20/100 mm	•	•	•	•	•	•
90° corner	•	•	•	•	•	•
Connector	•	•	•	•	•	•






* RAL colour coating

Schlüter-Systems KG  Schmölestraße 7 | D-58640 Iserlohn

 +49 2371 971-0  +49 2371 971-1111  info@schluter.de  schluter-systems.com

Schlüter-Systems Ltd  Units 3-6 Bardon 22 Industrial Estate | Bardon Hill | Coalville | Leicestershire | LE67 1TE

 +44 (0) 1530 813396  sales@schluter.co.uk  schluter.co.uk