

Schlüter®-RONDEC-DB

Wall corners & transitions
for decorative edge protection

2.5

Product data sheet

Application and Function

Schlüter®-RONDEC-DB creates a decorative finish for external wall corners, skirting tiles, and decorative borders, while protecting the tile covering from mechanical or impact stresses.

The pronounced, raised surface of the profile forms a clean line along tile edges and allows for decorative design. In addition to the decorative effect of the profile, the tile edges are effectively protected against damage. Schlüter®-RONDEC-DB can be used as a finishing profile within wall surfaces; e.g. at corners or skirtings, where other covering materials such as plaster, wallpaper, or tiles are to be joined.

Material

Schlüter®-RONDEC-DB is available in aluminium (-A), anodised aluminium (-AE), and brass anodised aluminium (-AM).

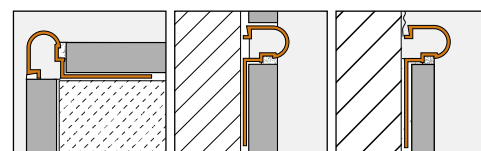
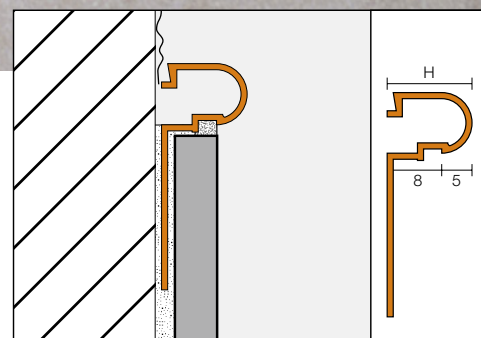
Material properties and areas of application

Schlüter®-RONDEC-DB, in aluminium, must be tested to verify its suitability if chemical exposure is expected. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and duration of exposure) may result in corrosion (aluminium hydroxide formation). Therefore, it is important to remove adhesive or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.



Schlüter®-RONDEC-DB, -AE, and -AM are made of anodised aluminium. The anodised layer retains a uniform appearance during normal use. Visible surfaces should be protected against abrasion. Aluminium is sensitive to alkaline media. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and duration of exposure) may result in corrosion (aluminium hydroxide formation).

For this reason, remove mortar or grouting material immediately from all visible areas and do not cover freshly installed coverings with foil. In addition, ensure that the profile is solidly embedded in the setting material to prevent water from accumulating in small cavities.





Installation

1. Schlüter®-RONDEC-DB can be used with tiles 6 to 12 mm thick.
2. At the edge areas of the tile covering, apply the tile adhesive with a notched trowel. If Schlüter®-RONDEC-DB is to be used as edging for an external wall corner, first tile one wall completely; then apply tile adhesive along the edge area of the second wall.
3. Press the perforated anchoring leg of Schlüter®-RONDEC-DB into the adhesive bed and align.
4. Trowel additional adhesive over the perforated anchoring leg to ensure full coverage and support of the tile edges.
5. Firmly press the adjoining tiles into place and adjust, ensuring full coverage at the tile edges.
6. Fill the joint completely with grout.
7. When installing sensitive surfaces, work with materials and tools that will not scratch or damage the surface. Remove residual mortar or setting material immediately.

Maintenance

Schlüter®-RONDEC-DB requires no special maintenance or care. Do not use abrasive cleaning agents on sensitive surfaces. Use conventional polishes to remove the oxidation layer on aluminium; however, oxidation will reoccur. Applying lacquer can repair anodised layers.

Product Overview

Schlüter®-RONDEC-DB

DBA = aluminium, DBAE = anodised aluminium, DBAM = brass anodised aluminium

Length supplied: 2.50 m

Material	DBA	DBAE	DBAM
H = 14 mm	•	•	•

Text template for tenders:

_____ linear metres of Schlüter®-RONDEC-DB, as a decorative and edge protection profile with trapezoid perforated anchoring legs and rounded visible surface:

Material:

- A = aluminium
- AE = anodised aluminium
- AM = brass anodised aluminium

Profile height: 14 mm

... to be supplied and professionally installed while observing the manufacturer's instructions.

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m

