Schlüter Systems®

PROFILE OF INNOVATION

Schlüter®-RONDEC-DB

Wall corners and 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 their decorative effect, the profiles also effectively protect tiles in the edge area from mechanical and impact stresses. RONDEC-DB can also 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.

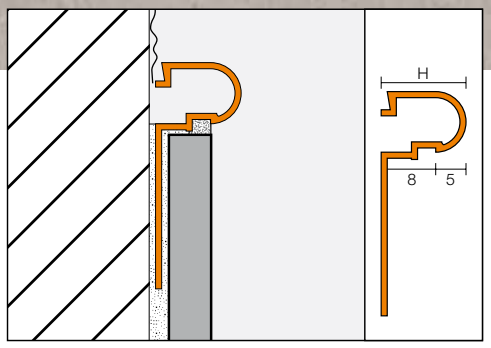
Material

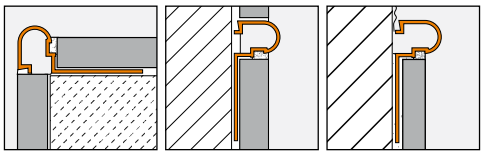
Schlüter-RONDEC-DB is available in aluminium (-A), anodised aluminium (-AE), and brass anodised aluminium (-AM).

Material properties and areas of application:

Schlüter-RONDEC-DB-A is made of aluminium and must be tested to verify its suitability if chemical exposure is expected. Aluminium is sensitive to alkaline media. Cementitious materials, in conjunction with moisture, become alkaline, which may result in corrosion depending on the concentration and length of exposure (aluminium hydroxide formation). Therefore, it is important to remove adhesive or grout residue from visible surfaces. It must be ensured that the profile is solidly embedded in the setting material to prevent alkaline water from accumulating in small cavities.

Schlüter-RONDEC-DB-AE and -AM are made of anodised aluminium. The anodised layer retains a uniform appearance during normal use. Surface areas must be protected against abrasion or scratching. Aluminium is sensitive to alkaline media. Cementitious materials, in conjunction with moisture, become alkaline, which may result in corrosion depending on the concentration and length of exposure (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 in thicknesses from 6 to 12 mm.
2. Apply tile adhesive to the area where the tile covering will end, using 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 firmly into the adhesive and align it.
4. Trowel additional tile adhesive over the perforated anchoring leg to ensure full coverage.
5. Firmly press the adjoining tiles into place and align them. Full coverage must be obtained between the tile and the profile's anchoring leg.
6. Completely fill the space between the tile and the profile with grout.
7. Use suitable materials and tools for the sensitive surfaces to avoid scratches or other damage. Residue of adhesive, plaster or render should be removed immediately, especially from aluminium finishes.

Notes

The visible surface area of Schlüter-RONDEC-DB requires no special maintenance or care. Do not use abrasive cleaning agents on sensitive surfaces.
The oxidation layer on aluminium can be removed by using a conventional polishing agent, but will form again. Damage to the anodised surfaces can be restored with paint.

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; installed according to manufacturer's specifications.
Material:
- -A = aluminium
- -AE = anodised aluminium
- -AM = brass anodised aluminium

Profile height: 14 mm
Art.-No.: _____
Material: _____...../m
Labour: _____...../m
Total: _____...../m

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