

2.1 Schlüter®-RONDEC



WALL CORNERS & TRANSITIONS

FOR DECORATIVE EDGE PROTECTION

Application and Function

Schlüter®-RONDEC is a finishing and edge protection profile for the outside corners of tiled surfaces. Its reveal forms a symmetrically rounded outer corner along the surface edge. The integrated joint spacer forms a defined joint cavity with the tile. The profiles are available in different materials, colours, and surface finishes to colour-coordinate with tile and grout, or to create interesting accents in decorative design.

Schlüter®-RONDEC-DP and -AG anodised match the Schlüter®-DESIGNLINE border. In addition to the profile's decorative effect, the tiles are protected against damage caused by mechanical stresses within the edge area. Schlüter®-RONDEC, in stainless steel, is particularly resistant to wear when used as edge protection; it may also be used as stair nosing or as a transition profile.

In addition, Schlüter®-RONDEC is suitable for transitions, corners, or dado coverings with other covering materials, e.g. carpet, parquet, natural stone tiles, or epoxy resin fillings.

Schlüter®-RONDEC also comes with matching inside and outside corners for elegant connections.

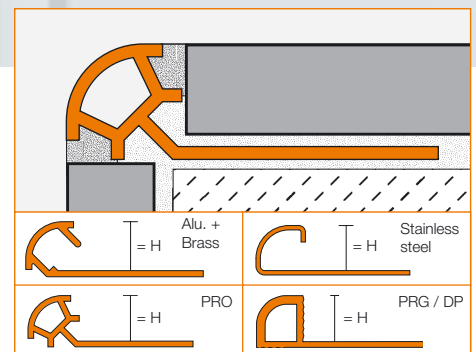
Material

Schlüter®-RONDEC is available in the following materials:

- M = Solid brass
- MC = Chrome-plated brass
- E = Stainless steel, 1.4301 (V2A)
- EP = Stainless steel, polished
- EGB = Stainless steel, brushed
- EV4A = Stainless steel, 1.4404 (V4A)



- AE = Alu., anodised
- ACG = Alu., polished chrome anodised
- ACGB = Alu., brushed chrome anodised
- AM = Alu., satin brass anodised
- AMG = Alu., polished brass anodised
- AMGB = Alu., brushed brass anodised
- AK = Alu., satin copper/bronze anod.
- AKG = Alu., polished copper/bronze anod.
- AKGB = Alu., brushed copper/bronze anod.
- AC = Alu., colour coated
- PRO = PVC, coloured
- PRG = PVC, coloured
- DP = PVC with decorative surface





Material Properties and Areas of Application:

Schlüter®-RONDEC comes in a range of materials and surface finishes. In applications exposed to chemical or mechanical stresses, the profile's suitability must be verified. The following only provides general information.

Schlüter®-RONDEC-MC (solid brass, chromium-plated) is especially well suited for wall corners and as a finishing profile. It is ideal for matching chrome fixtures. Surface areas must be protected against abrasion or scratching. Remove mortar and grout residue immediately.

Schlüter®-RONDEC-E (stainless steel, material 1.4301 (V2A) or material 1.4404 (V4A)) is particularly well suited for applications requiring resistance against chemical exposure and high mechanical loadings. Applications include the nutrition industry, breweries, dairies, commercial kitchens, public swimming pools, and hospitals.



Schlüter®-RONDEC-AE/-ACG/-ACGB/-AM/-AMG/-AMGB/-AK/-AKG/-AKGB (anodised aluminium): The aluminium features a surface refined by an anodised layer that does not alter during normal use. Surface areas must be protected against abrasion or scratching. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and penetration time) 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-AC (colour-coated aluminium): The aluminium is pretreated (chromated), then colour-coated with a polyurethane powder coat. The coating is colour-stable, UV-resistant, and suitable for exterior use. Protect the profile against abrasion or scratching.

Schlüter®-RONDEC-PRO/PRG (coloured PVC) are made of pre-coloured, rigid PVC which resists bending or scratching. The material is UV-resistant, though not permanently colour-stable, in exterior applications. The profiles are not suited for corners or transitions subjected to heavy mechanical loadings, e.g. at step edges or floor transitions.

Schlüter®-RONDEC-DP "DESIGN" (PVC, with decorative heat-laminated foil): The material is intended for wall areas in residential or similar applications. Protect the profile against abrasion or scratching.

Installation

1. Select Schlüter®-RONDEC according to tile thickness.
2. Trowel tile adhesive over the area that forms the perimeter of the tiled covering. If Schlüter®-RONDEC is used at outer wall corners, finish tiling one wall first; then apply tile adhesive to the corner area of the second wall.
3. Press the perforated anchoring leg of the Schlüter®-RONDEC into the tile adhesive and align.
4. Trowel additional adhesive over the perforated anchoring leg to ensure full coverage, and fill the cavity with tile adhesive.
5. Solidly embed adjacent tiles and adjust flush with the profile's upper edge.
6. The tile is set to the lateral joint spacer, which ensures a uniform joint of 1.5 mm. With the stainless steel profiles, leave a space of approximately 1.5 mm.
7. Work sensitive surfaces with materials and tools that do not cause scratches or damage. Setting materials must be removed immediately, especially on aluminium.
8. Matching corner pieces are available for inside and outside corners.



Maintenance

Schlüter®-RONDEC requires no special maintenance or care. Abrasive cleansers should not be used on sensitive surfaces. Use conventional polishes to remove the oxidation layer on aluminium; however, oxidation will reoccur. Applying lacquer can repair anodised layers. Regular cleaning maintains the neat appearance of stainless steel and reduces the risk of corrosion.

Stainless steel surfaces exposed to the environment or aggressive substances should be cleaned periodically using a mild household cleaner. Regular cleaning maintains the neat appearance of stainless steel and reduces the risk of corrosion. All cleaning agents must be free of hydrochloric and hydrofluoric acid.

Avoid contact with other metals such as steel, since this can cause extraneous rust. This also includes tools such as trowels or steel wool, i.e., tools used to remove mortar residue.

Product overview:

Schlüter®-RONDEC-PRO

PRO = PVC, coloured Length supplied: 2.50 m

H = mm	6	8	10
W	•	•	•
BW	•	•	•
BH	•	•	•
AP	•	•	•
SP	•	•	•
CA	•	•	•
PR	•	•	•
PB	•	•	•
PG	•	•	•
HG	•	•	•
G	•	•	•
GS	•	•	•
HB	•	•	•
NB	•	•	•
AB	•	•	•
Outside corner	•	•	•
Inside corner	•	•	•

Schlüter®-RONDEC-DP

DP = PVC with decorative surface Length supplied: 2.50 m

H = mm	6	8	10
MGR	•	•	•
MA	•	•	•
MBL	•	•	•
MW	•	•	•

Schlüter®-RONDEC-PRG

PRG =PVC, coloured Length supplied: 2.50 m

H = mm	6	8	10	12.5
W	•	•	•	•
BW	•	•	•	•
HG	•	•	•	•
Outside corner	•	•	•	•
Inside corner	•	•	•	•

Schlüter®-RONDEC-AC

AC = Alu., colour coated Length supplied: 2.50 m

H = mm	6	8	10	12.5
W	•	•	•	•
BW	•	•	•	•
HB	•	•	•	•
BH	•	•	•	•
G	•	•	•	•
HG	•	•	•	•
PG	•	•	•	•
Outside corner	•	•	•	•
Inside corner	•	•	•	•

Colours:

W = white BW = brilliant white
 BH = bahama AP = soft apricot
 SP = soft peach CA = caramel
 PR = pastel pink (stella) PB = pastel blue (crocus)
 PG = pastel grey HG = light grey
 G = grey GS = black
 HB = light beige NB = nut brown
 AB = blue MA = marble anthracite
 MGR = marble green MW = marble white
 MBL = marble blue



Schlüter®-RONDEC-DP (MBL)



Schlüter®-RONDEC-A (ACGB)

2.1 Schlüter®-RONDEC



Schlüter®-RONDEC-A anodised

AE = alu., anodised / ACG = alu., polished chrome anodised / ACGB = alu., brushed chrome anodised
 AM = alu., satin brass anodised / AMG = alu., polished brass anodised / AMGB = Alu., brushed brass anodised
 AK = alu., satin copper/bronze anod. / AKG = alu., polished copper/bronze anod. / AKGB = alu., brushed copper/bronze anod.
 Length supplied: 2.50 m

Material	AE	ACG	ACGB	AM	AMG	AMGB	AK	AKG	AKGB
H = 6 mm	•	•	•	•	•	•	•	•	•
H = 8 mm	•	•	•	•	•	•	•	•	•
H = 10 mm	•	•	•	•	•	•	•	•	•
H = 12.5 mm	•	•	•	•	•	•	•	•	•
Outside corner	•	•	•	•	•	•	•	•	•
Inside corner	•	•	•	•	•	•	•	•	•

Schlüter®-RONDEC-M

M = solid brass / MC = chrome-plated brass
 Length supplied: 2.50 m

Material	M	MC
H = 6 mm	•	•
H = 8 mm	•	•
H = 10 mm	•	•
H = 12.5 mm	•	•
Outside corner		•
Inside corner		•

Schlüter®-RONDEC-E

E = stainless steel / EP = stainless steel, polished /
 EGB = stainless steel, brushed / EV4A = stainless steel
 1.4404 (V4A)
 Length supplied: 2.50 m

H = mm	6	8	10	12,5	15
E	•	•	•	•	•
EP	•	•	•	•	•
EGB	•	•	•	•	•
EV4A	•	•	•	•	•
Outside corner	•	•	•	•	•
Inside corner	•	•	•	•	•

Note: The outside corners and inside corners are made of plastic with a stainless steel appearance.

Length supplied: 1.00 m

H = mm	6	8	10	12,5
E	•	•	•	•

Text template for tenders:

Supply
 _____ per metre Schlüter®-RONDEC as
 a finishing or corner profile with a trapezoid-
 perforated anchoring leg and symmetrically
 rounded surface area, and install according to
 instructions. Installation of accessories (outside
 or inside corners)
 ■ are to be included in unit prices.
 ■ are to be charged as extra.
 Follow the manufacturer's installation instruc-
 tions.

Material:

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- - PRG = PVC, coloured
- - DP = PVC with decorative surface

Profile height: _____ mm

Colour: _____

Art.-No.: _____

Material: _____/m

Labour: _____/m

Total: _____/m



Schlüter®-RONDEC
 Outside and inside corners