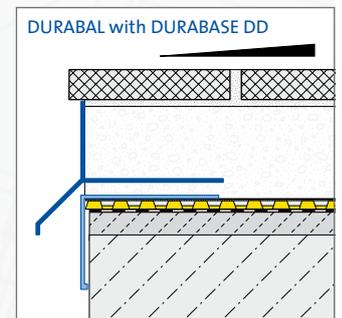
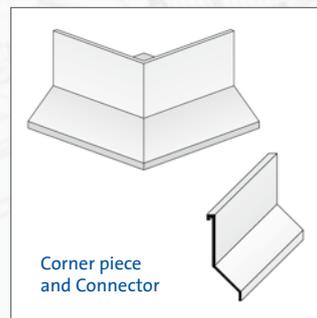
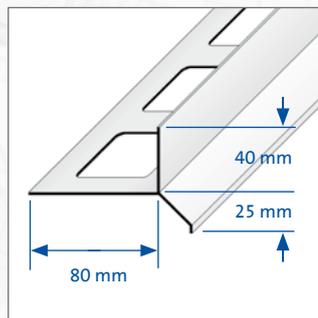
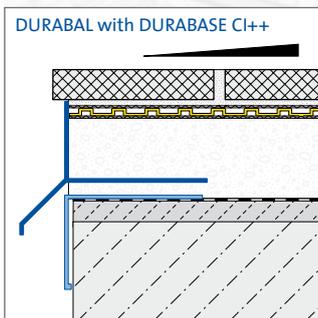
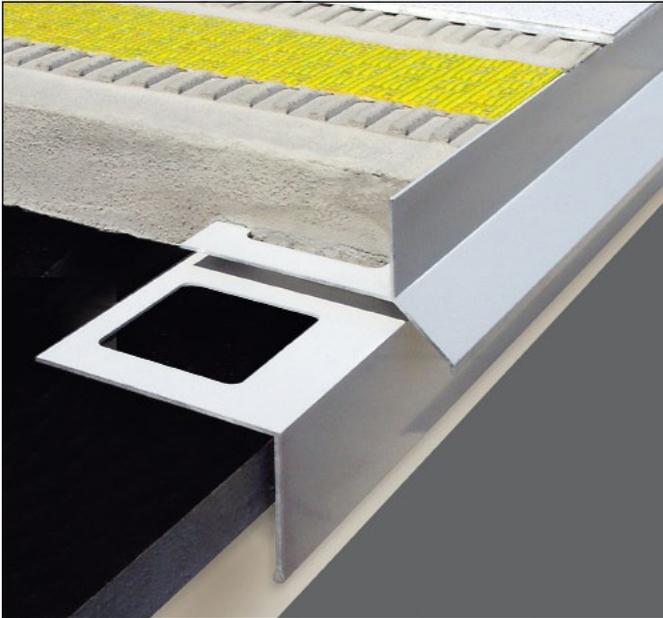


Balcony corner profile with gutter

- Information Sheet -



APPLICATION AND FUNCTION:

DURABAL BT balcony corner profiles with gutter are used for the open edges of balconies and terraces in a conventional mortar bed or in existing sloping screed. Balcony construction will be covered down by L-shaped DURABAL-BW-profile.

The profile is embedded into the screed with its perforated square securing leg flush at the correct height. They can alternatively be adhered to the edge of the sloping screed by means of a hydraulic-binding tile adhesive.

Used in conjunction with DURABASE DD the profile is installed so that it is embedded in the screed layer at the bottom and aligned flush at the right height. If the screed is sealed with DURABASE CI++ the mortar bed should then be made about 5 mm lower. The CI++ mat is then laid right up to the profile. The narrow joint between the CI++ mat and the edge of the profile must be sealed with a neutrally binding silicon rubber.

DURABAL BT balcony corner profiles with gutter make for a clean edge and protect the edges from weather and disintegration. They cover the open edges of the DURABASE DD mats or the front edge of the sloping screed.

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Balcony corner profile with gutter

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PROPERTIES AND USAGE:

The coating of the aluminium profiles is colour-fast and resistant to UV and weathering. The visible surfaces should be protected from abrasion and mortar residues. Application of DURABAL BT for special requirements of chemical and mechanical resistance should be reviewed.

MATERIAL:

DURABAL BT gutter profiles consist of chromed or painted aluminium, available in four colours (RAL 7035, 1019, 8003, 8019). Connecting and corner pieces are also available to complete the range.

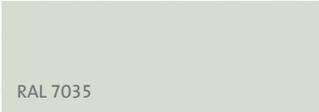
For all products and materials, the following applies: The suitability of the material with regard to the expected mechanical loading and chemical exposure must be investigated carefully in each individual case. General rules of good engineering practice must always be observed!

CARE AND MAINTENANCE:

Regular cleaning not only provide for attractive appearance of aluminium or stainless steel profiles, it also reduces deposits (corrosion). All cleaning agents should be free of hydrochloric acid (e.g. cement remover) and hydrofluoric acid. Aluminium balcony corner profiles should be cleaned when necessary using pH-neutral cleaning agents (pH 6-8) with no abrasive additives. The manufacturers' product recommendations for the cleaning agents should be followed at all costs.

PRODUCT DATA:

MATERIAL:	Aluminium (Al Mg Si 0,5) according to DIN EN 755-1 (Extruded aluminium)
COLOUR:	RAL 1019 = grey beige, RAL 8019 = grey brown, RAL 8003 = clay brown, RAL 7035 = light grey (powder coated)
FLAMMABILITY CLASSIFICATION:	A1, non-combustible according to DIN 4102 - T1 „Fire protection in buildings“
LENGTH OF PROFILE:	250 cm
HEIGHT:	65 mm
WIDTH OF HORIZONTAL WEB:	80 mm
APPLICATION:	Balcony corner profile with gutter
MANUFACTURE:	In accordance with DIN EN 755-1, "Aluminium and aluminium alloys – Extruded rod/bar, tube and profiles - Part 1: Technical conditions for inspection and delivery".
COEFFICIENT OF THERMAL EXPANSION:	Aluminium = 24×10^{-6} m/m °C



RAL 7035



RAL 1019



RAL 8003



RAL 8019

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