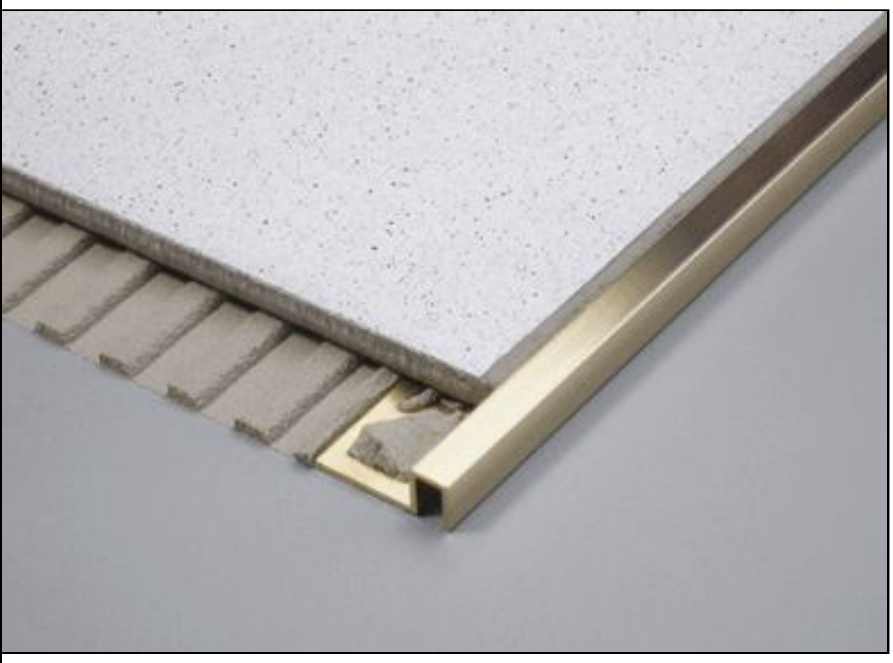
EXP

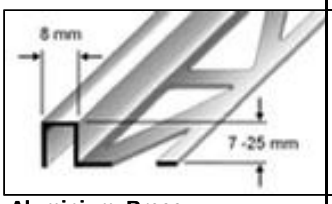
DURAPLUS

The perfect solution.

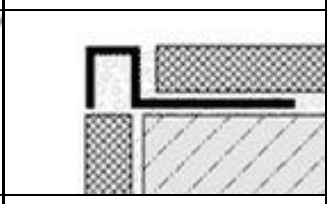
DURAL

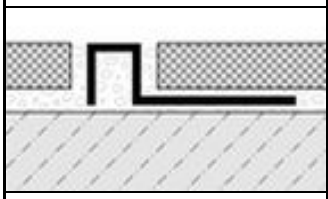
Separating and door step profiles
Decorative joints

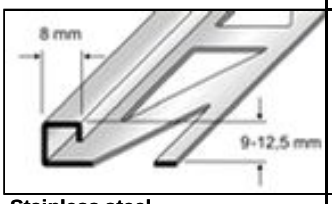




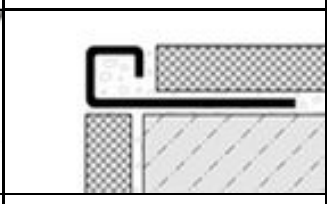
Aluminium, Brass

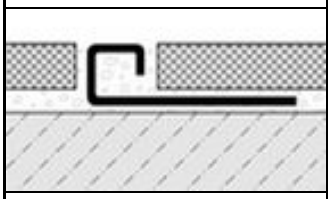






Stainless steel





Application:
DURAPLUS profiles by Dural have a visible 8 mm width surface area and were developed for improved visual joint design. The application is recommended wherever the flooring material must meet a high aesthetic requirement. For example, show rooms or art galleries. DURAPLUS facilitates a clean separation of different flooring materials, or areas. Besides the decorative function, DURAPLUS provides the edges of the floor with the maximum protection from impact damage.

DURAPLUS is also available in a flexible version - “Z-Flex“.

Material:
The following versions of the profiles DURAPLUS are available: aluminium natural, aluminium anodised, Aluminium high gloss anodised, brass natural, brass high gloss finish ("Star" with peel-off strip), brass chrome-plated ("Star" with peel-off strip), stainless steel natural, stainless steel polished ("Star" with peel-off strip), stainless steel high gloss ("Star" with peel-off strip).

Properties:
DURAPLUS profiles of **brass** are appropriate for use in domestic and industrial areas. They are resistant to major stresses and mostly resistant to chemicals generating during the laying of tiles.
Important: brass oxidizes when exposed to air, especially with high humidity. The surface is covered with a patina (protective layer) and changes its appearance.

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DURAPLUS profiles of **aluminium** are applicable wherever no exceptional chemical reactions are expected. Careful handling of cement materials is required to avoid corrosion. Because aluminium is sensitive to alkaline media's all residues of mortar, tile cement or joint cement have to be immediately removed from all visible surfaces. The profile is to be completely embedded into the contact layer. This avoids cavities to generate where alkaline water might accumulate.

DURAPLUS profiles of **anodised aluminium** are of special refinement and therefore the surface is usually not subject to changes. The visible surfaces however, must be protected against any cement materials. Damages can generate because of scratching or abrasion.

DUROSOL profiles of **stainless steel** are especially suitable for areas subjected to high stresses due to chemicals and acids. They meet highest requirements of resistance to mechanical impact. Stainless steel profiles are used in foodstuff industry, swimming pools, in hospitals and breweries.

The following is valid for all materials: The applicability with respect to mechanical and chemical resistance is to be determined for each individual case.

Handling:

1. Select the DURAPLUS profile according to the thickness of tiles.
2. Apply tile cement in the appropriate area using a notched trowel.
3. Press the DURAPLUS profile into the cement bed and align.
4. Completely cover the fastening legs.
5. Leaving a joint of 2 mm between tile and profile. Press the tiles tightly into the cement bed and align them flush with the upper profile edge. Ensure the tiles well embedded into the cement.
6. Fill the space between tiles and profile completely with joint grout.

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Care and Maintenance:
DURAPLUS profiles do not require any special care. Oxidation layers can be removed with polishing material. A permanent removal however is not possible. The cleaning materials must be free of hydrochloric acid and hydrofluoric acid and must not be abrasive.

Data sheet

Name	Material	Height
DURAPLUS	Aluminium natural, Aluminium anodised, Aluminium high gloss anodised	7 – 25 mm
DURAPLUS	Brass natural, Brass high gloss ("Star" with peel-off strip), Brass chrome plated ("Star" without peel-off strip)	7 – 25 mm
DURAPLUS	Stainless steel natural, Stainless steel polished ("Star" with peel-off strip), Stainless steel high gloss ("Star" with peel-off strip), Mat. V2A (1.4301)	9 / 11 / 12,5 mm

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