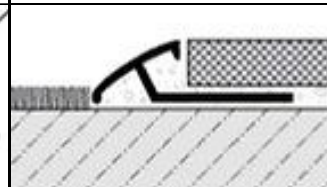
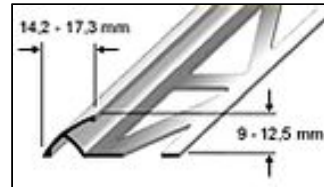


Transition profile designed to compensate for differences in height of up to 12.5 mm



Application:

DURATRANS transition profiles from Dural are used to compensate for differences in height between two flooring surfaces such as those which might occur between a tiled floor and a carpeted floor, for example. DURATRANS provides a smooth inclined junction between the two, which also protects the edges of the tiles from any damage.

The shape and material have been selected so that these profiles are also able to withstand a great deal of stress. Loads acting at a point are distributed evenly through the floor and the foundations. Thanks to the exceptional stability of the profiles, they are highly suited for use in busy areas such as public buildings or shopping centres. They may also be used in the open air (such as for doorways and garage entrances).

DURATRANS profiles of this design are slightly curved for the benefit of usage in homes etc. This type is available for heights of up to 12.5 mm and is also available as the flexible "Z-Flex variant".

Material:

DURATRANS profiles provide height compensation for differences of up to 12.5 mm and available in the following finishes: natural aluminium, anodised aluminium, natural brass and highly polished brass ("Star" with peel-off strip).

Properties:

DURATRANS **aluminium** profiles can be used wherever unusual chemical reactions are not to be expected. To prevent corrosion care must be taken with the application of cement and mortar. Since aluminium is sensitive to alkaline materials, mortar, tile adhesive and grout must be cleaned immediately from all visible surfaces. The profile needs to be thoroughly embedded in the contact layer. This prevents the formation of air pockets where alkaline solutions of water could collect.

DURATRANS **anodised aluminium** profiles are provided with a special finish that can usually prevent any subsequent alterations to the surface. Visible surfaces must nevertheless be protected from cement-based materials. Damage may occur as a result of items scratching or scraping the surface.

DURATRANS **brass** profiles 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 oxidises in air, especially in humid conditions. The surface then develops a patina and its appearance is thus altered.

The usage of any materials with regard to chemical and mechanical resistance should be assessed in each individual case.

Installation:

1. DURATRANS profiles appropriate to the height of the tiles should be selected.
2. Tile adhesive should be applied around the junction using a serrated trowel.
3. Press the DURATRANS profile into the adhesive bed and align it. Follow any existing joints in the foundations.
4. Spread mortar over the entire surface of the joint.
5. Press in tiles firmly and align them so that they are flush with the top edge of the profile. Lay the tiles without leaving any gaps.
6. Allow a joint of 2-3 mm around the profile itself.
7. Then fill the space between the tiles and the profile with grout.

Maintenance:

DURAFLEX profiles do not require any special maintenance. Oxidation layers may be removed using polish. Nevertheless, it is impossible to remove oxidation permanently. Cleaning agents should be free of hydrochloric and hydrofluoric acid and should not contain abrasives.

Data sheet

Name	Material	Height
DURATRANS	Aluminium natural, Aluminium anodised, Brass natural, Brass high gloss ("Star" with peel-off strip)	9 / 11 / 12,5 mm