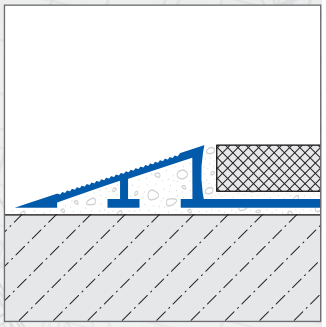
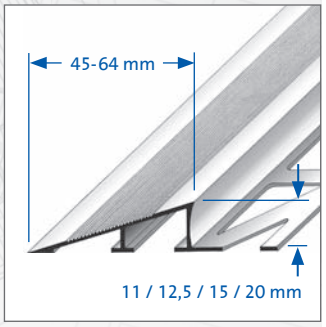
DURATRANS

Transition profile designed to compensate for differences in height of up to 20 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 Type L is designed specifically for hotels, public buildings etc. Profiles are available in heights from 11 to 20 mm and this particular variant provides a rather greater surface area for the transition.

MATERIAL:

DURATRANS Type L profiles provide height compensation for differences of up to 20 mm and available in the following finishes: aluminium natural, aluminium anodised silver.

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.

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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.

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. The generally recognised rules of good engineering practice must always be observed!

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.

PRODUCT DATA:

MATERIAL:	– Aluminium natural – Aluminium anodised, silver
LENGTH:	250 cm
VISIBLE SURFACE:	45 – 64 mm
HEIGHT:	11 / 12,5 / 15 / 20 mm

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