

Zero Thresholds in RESIDENTIAL BUILDINGS

Barrier-free real estate with added value
for all generations





From a stroller to a rollator it takes decades

To ensure that all generations feel comfortable and safe within their home, it is important to avoid tripping and falling due to unnecessary tripping hazards.

Building with a lifetime mobility guarantee

With a cross-generational barrier-free planning, the construction industry ensures that all residents can live as long as possible in their own homes, without restrictions.



Beyond norms and laws,

it is the ageing society and new ways of life that creates the requirement to reflect and rethink. Home offices, home schooling and the changing needs of entire families require barrier-free, threshold-free construction methods.

With ALUMAT's Magnetic Zero Threshold you can easily create threshold-free doorways to the outside. It offers safety and unrestricted comfort in all situations. No tripping, less falls and absolutely tight too!



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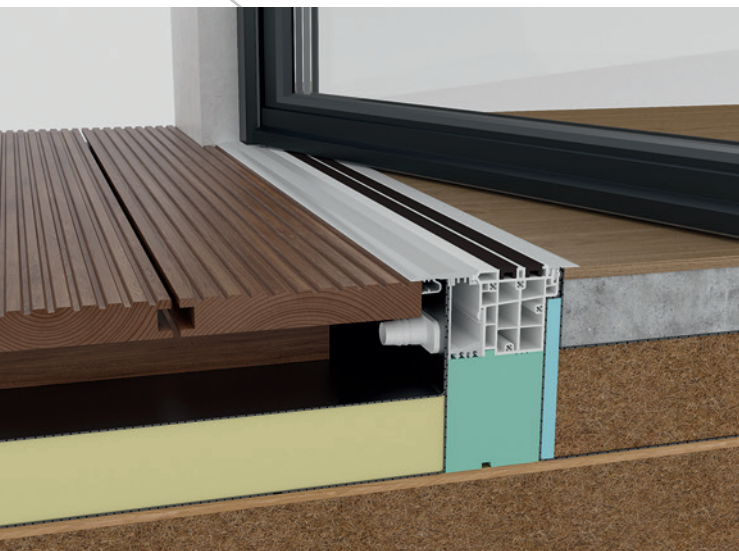
When pioneers become experts

Since more than 40 years, the family-owned company **ALUMAT** has been dealing with the zero threshold. Success factors are the sophisticated technology down to the smallest detail, sustainable materials and the multi-award-winning elegant design. ALUMAT received the **German Design Award Gold 2020** for the world's first passive house certified zero threshold in the category Universal Design.



Magnetic Zero Threshold – Technical Details

- For all doors made of wood, PVC and aluminium in new buildings or renovation projects (entrance, balcony, terrace).
- Highly thermally insulated composite profile, also for efficient and even passive houses
- Thresholdless according to DIN 18040, fulfils all universal design principles
- Compatible with all swing/tilt-and-turn doors, single and double wing doors/windows, fixed glazing
- Driving rain resistance up to hurricane force without canopy, without gutter (also with double wing doors). Air permeability class 4, intrusion protection RC2
- Soundproofing $R_{s,w}$ up to 46 dB
- Structural waterproofing pre-assembled at factory in accordance with DIN 18531 /18533 and flat roof guideline possible.
- No wear and tear, no mechanics, ready-to-install delivery.
- 20-year guarantee on the magnetic traction.



DIN 18040:

The German Institute for Standardisation e.V. says: „Only a flush, threshold-free design for exterior doors, i.e. with a threshold height of 0 cm, is barrier-free.“



Claudia Rager-Frey, CEO ALUMAT

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