



MFZ 20 Renovation profile

- For plastic and aluminum exterior doors (house entrance, balcony, patio)
- Barrier-free magnet double seal acc. to Universal Design
- **NEW:** With PVC center section as optimum thermal isolation

MFZ 20

Ready-to-install delivery: Compatible with turn or tilt/turn doors, one- and two-leaf, overlap/fixed glazing

Leveling from zero to 30 mm

No wear, no mechanics, 20 year warranty on magnet tension force

Evaluated gap noise insulation index $R_{s,w}$ up to 46 dB

RC2 tested with Siegenia Titan AF

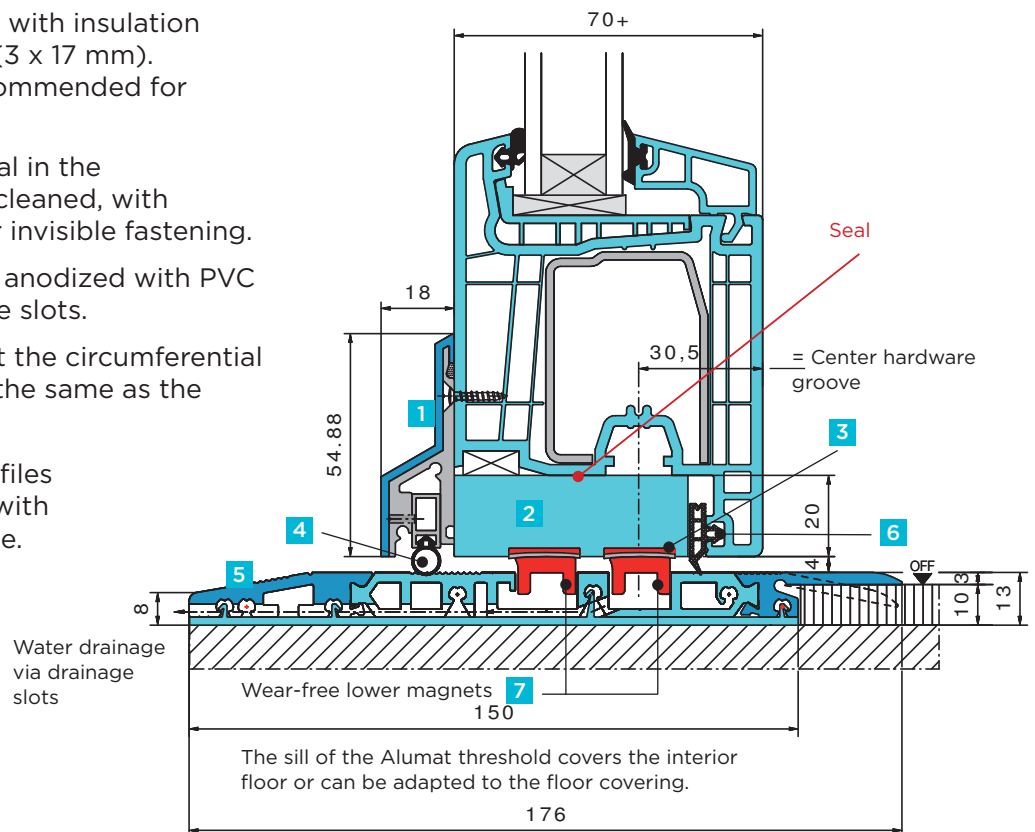
For nursing homes, senior residences, hospitals, homes for people with disabilities, day care facilities, kindergartens, single family homes, apartment buildings, hotels

Version March 2018 · subject to technical changes

- 1 Aluminum weatherboard with profile cover, surface in choice of EV 1 silver, anthracite RAL 7016, bronze C33, white RAL 9016 or plain.
- 2 Plastic magnet holder profile, white, adapted to fixed width at factory and prefabricated to sash fold dimension on request. To observe with overlap-doors: Interior magnet guide is identical to the hardware groove.
- 3 Upper magnet seal profiles with insulation and double adhesive tape (3 x 17 mm). An additional fixture is recommended for fastening permanently.
- 4 Adjustable silicone slide seal in the weatherboard, sealed and cleaned, with threaded pins 5 x 6 mm for invisible fastening.
- 5 Aluminum floor profile EV1 anodized with PVC center section and drainage slots.
- 6 Additional TPE seal, so that the circumferential sealing level is restored to the same as the doorstop (system dependent).
- 7 Two lower magnet seal profiles (9 x 15 mm), always insert with nose pointing to the outside.

NEW: WITH PVC CENTER SECTION.

The magnet double seal is cut and delivered in fixed lengths to the decorative frame outer dimensions (up to max. 6000 mm length).

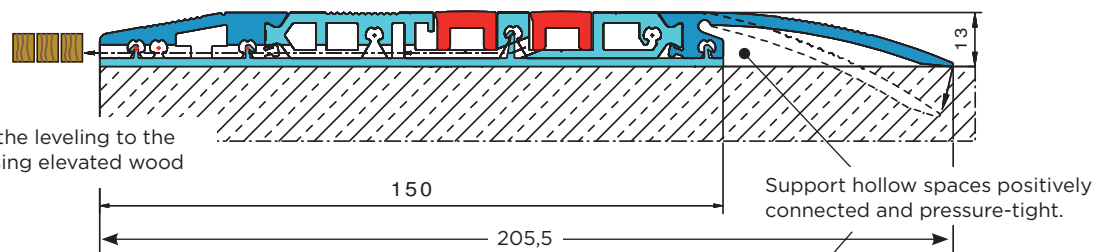


MFZ 20/1

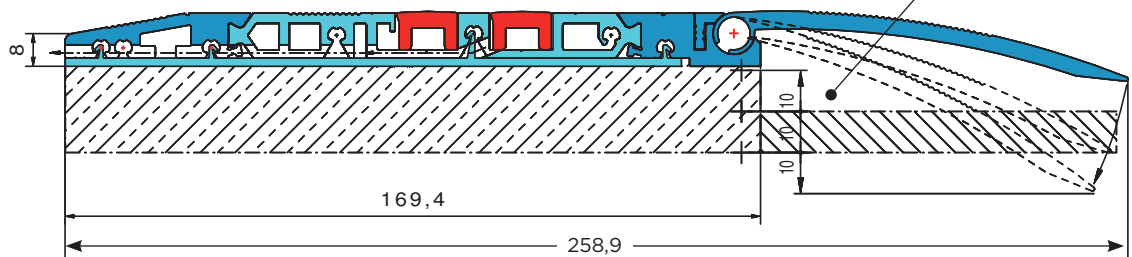
With integrated exterior doors in old construction, the existing stop threshold must be removed. The barrier-free ALUMAT magnet double seal must be fitted into the decorative frame rebate and **sealed on the side**. Either shorten or lengthen the doors with approx. 4 mm gap to the ALUMAT floor profile.

MFZ 20/2

With lower lying patios or balconies the leveling to the ALUMAT floor profile can be done using elevated wood and plastic covering.



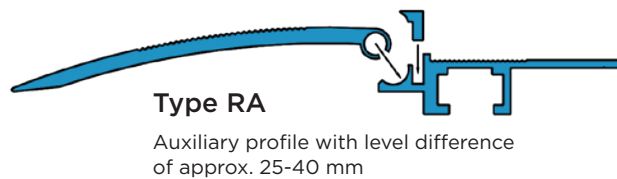
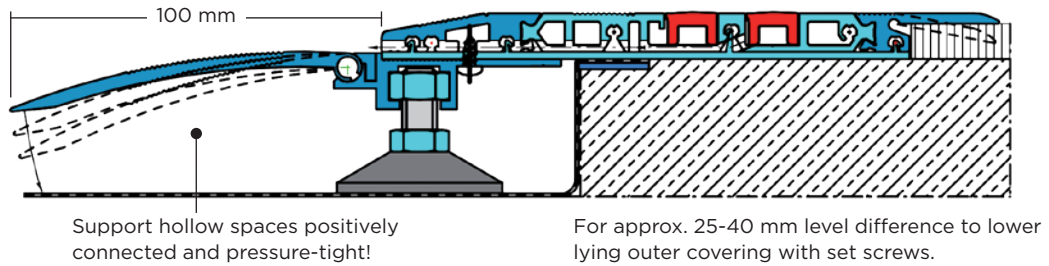
MFZ 20/3



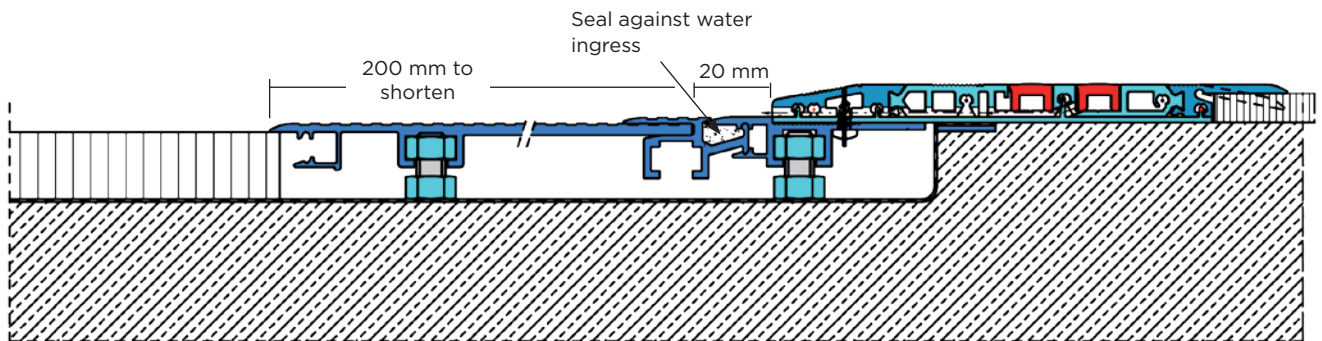
Level differences from higher lying patio covering of from 10 to 30 mm to the interior floor covering can be bridged with the adaptable inclined ramp.

Auxiliary profiles for lower lying outer covering

MFZ 20/1 with TYPE RA



MFZ 20/1 with aluminum bridging profile



FLEXIBLY ADAPTABLE

The special feature of this renovation profile is its extremely low installation height, that can be easily set directly on every rough floor. The ALUMAT magnet double seal extraordinarily adapts itself to a wide variety of installation conditions. Different floor heights can be leveled with various ALUMAT auxiliary profiles.

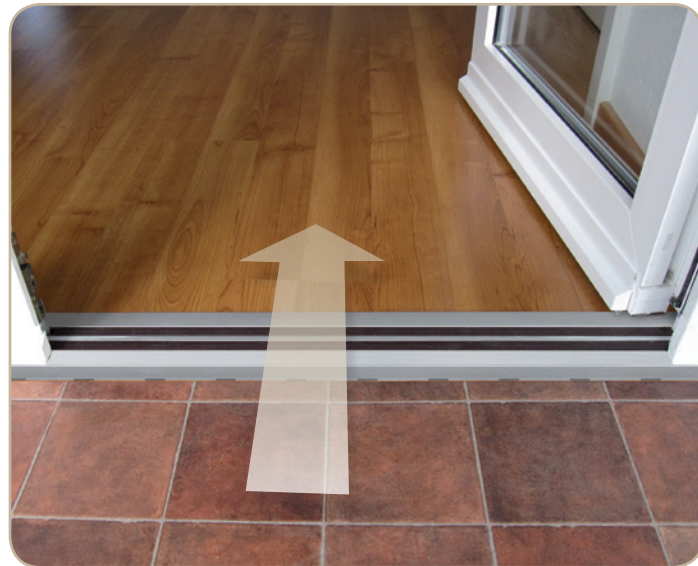
THE ALUMAT MAGNET DOUBLE SEALS

offer safety and protection in renovation. They take care of – optimally in combination with a new door – trip thresholds from the living area to the outside with house, balcony and patio doors. It can possibly be sufficient to only replace the threshold.



BEFORE

Door thresholds present a risk of tripping. More than half of all nursing home residents fall at least once per year. Around one third of those over 65 living at home fall once per year. (Deutsches Ärzteblatt 2005: A 2150)



AFTER

An optimum, barrier-free transition is achieved in most renovation situations from the combination of a new door with magnet double seal. Numerous auxiliary profiles also ensure flexible solutions that can be adapted to the structural conditions.

Fundamentals of the barrier-free construction acc. to DIN 18040

- DIN 18025 was replaced as of 9/1/2011 by DIN 18040.
- From DIN 18040: "Lower door hardware and thresholds are **not approved**. If they are not essential, they must not be higher than 2 cm. If the home has an outside seating area (patio, loggia or balcony), this must be **usable barrier-free**. It must also be reachable from the home with no threshold."

