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domestic and foreign patents

MFAT 20

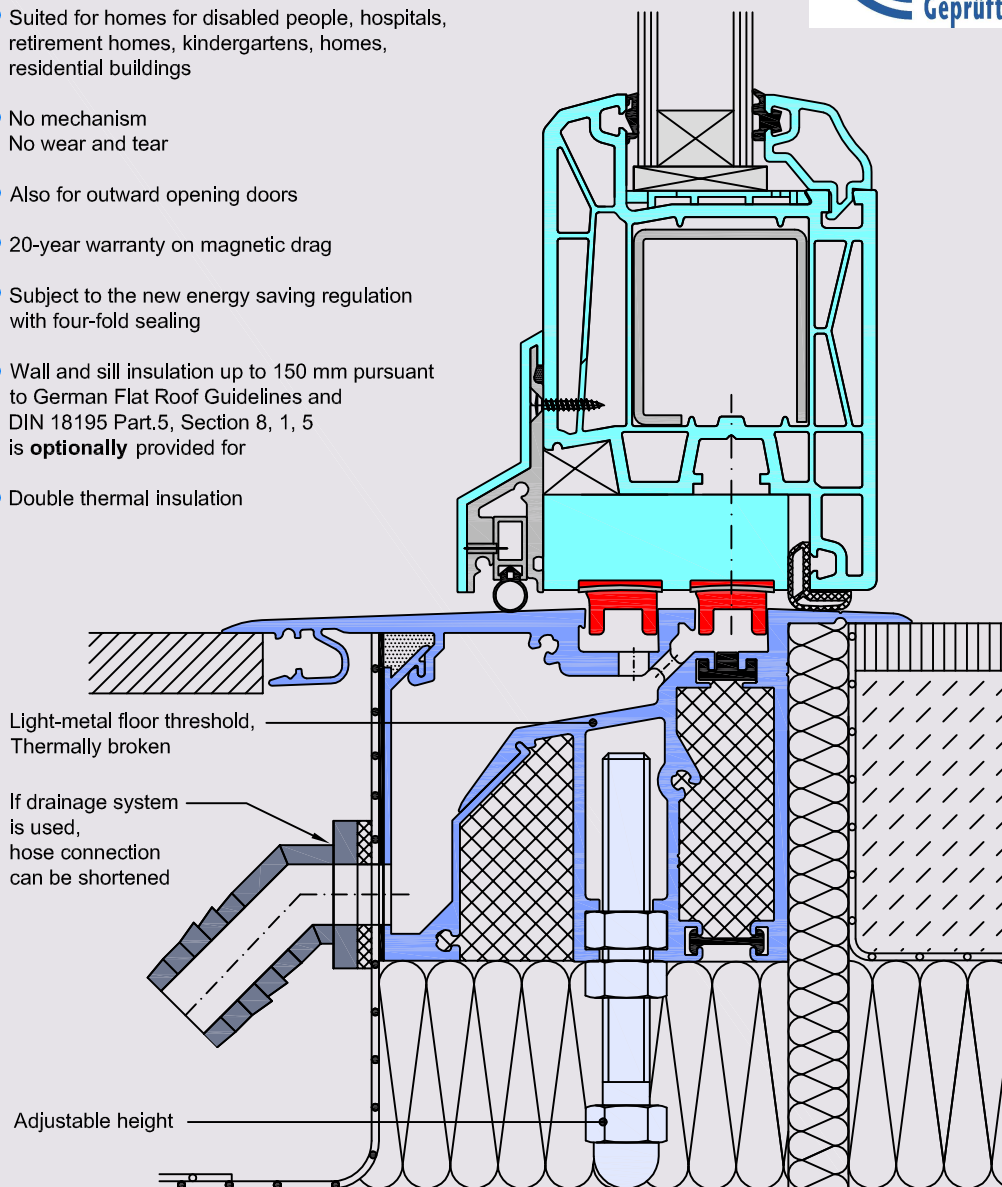
Magnetic double seal

With silicone seal
 Thermally broken
 For plastic and metal external doors
Absolutely barrier-free

System ALUMAT
Entrance - terrace - balcony - conservatory
 (Revolving doors/turn and tilt doors/single-wing/double-wing/lap-jointed doors
 with fixed-glazing side parts)



- New construction profile
No door stop, thus no stumbling blocks/threshold
- Suitable for wheelchairs
- Suited for homes for disabled people, hospitals,
retirement homes, kindergartens, homes,
residential buildings
- No mechanism
No wear and tear
- Also for outward opening doors
- 20-year warranty on magnetic drag
- Subject to the new energy saving regulation
with four-fold sealing
- Wall and sill insulation up to 150 mm pursuant
to German Flat Roof Guidelines and
DIN 18195 Part.5, Section 8, 1, 5
is **optionally** provided for
- Double thermal insulation



Stress group 9A pursuant to DIN 18055
Driving-rain-proof up to 100 metre floor-to-floor height
(also lap-jointed doors) Assessed soundproofing measure
R' θ w=43 dB

Included in delivery MFAT 20

The magnetic threshold is cut and delivered in fixed sizes to outside measurement of the door frame

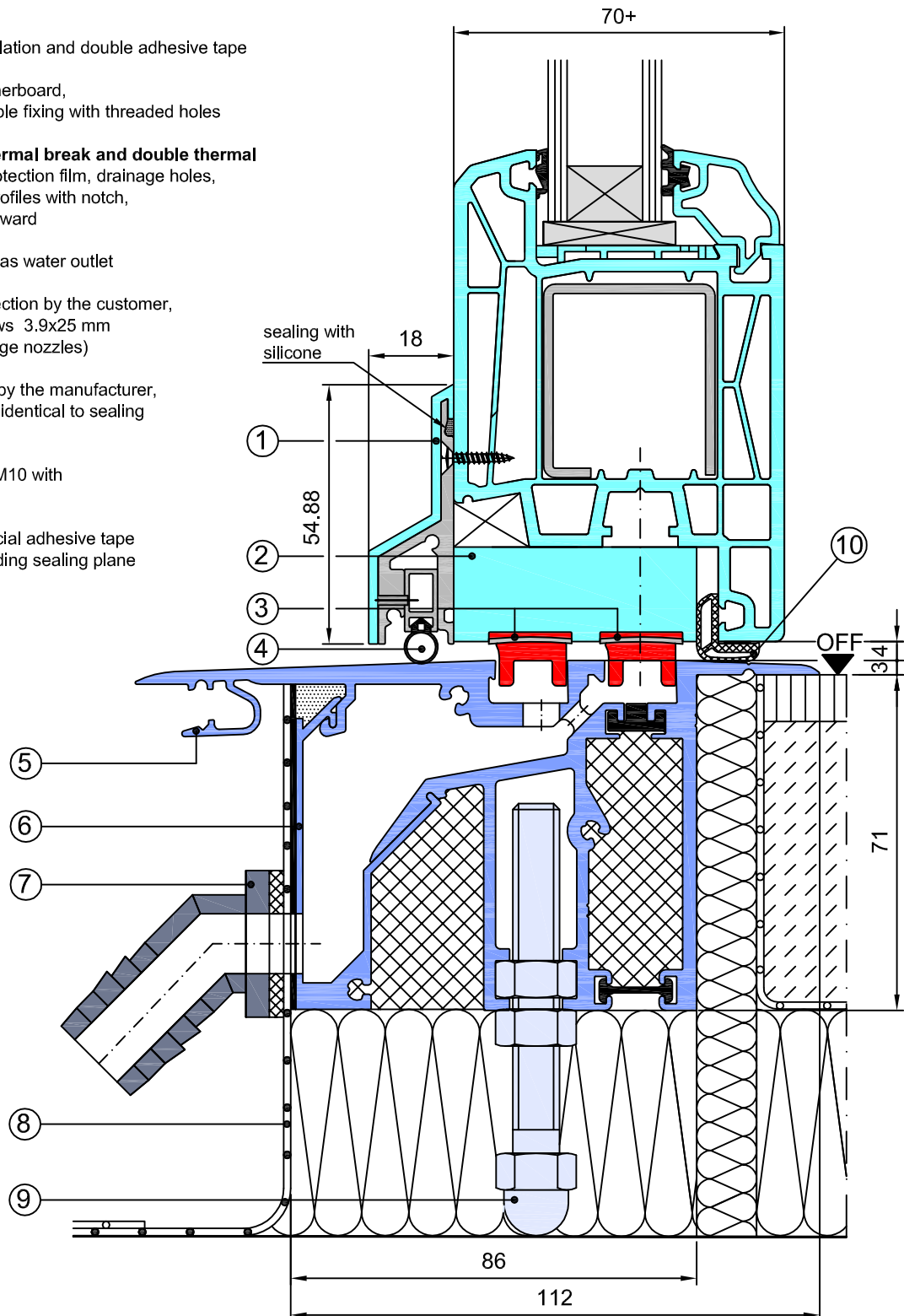
optionally, yet not included in usual delivery:

Fittings for terrace sealing, factory-fitted on the threshold with planned sealing (150 mm) to the masonry pursuant to all professional rules

Wolfen tailored blank profiles and welded-on Wolfen sealing sheet, colour black d=150 mm, sheet width 550 mm, as well as two unpacked Wolfen external corners

Other plastic sealing strips, e.g. on the basis of PVC-pnb, EVA-PVC, FPO/TPO, chlorinated polyethylene, EPDM are available

- ① Aluminium weatherboard with profile cover, surface EV1 silver, bronze C 33 or white RAL 9016 or blank
- ② Plastic magnetic carrier profile 20x100 mm (for adjusting to construction depth)
Note as regards lap-jointed doors: inside magnetic track is identical to mounting groove
- ③ Magnetic sealing profiles with insulation and double adhesive tape
- ④ adjustable silicone seal with weatherboard, two 5 x 6 mm set screws for invisible fixing with threaded holes
- ⑤ Aluminium ground profile **with thermal break and double thermal insulation** EV1 anodized, with protection film, drainage holes, as well as two magnetic sealing profiles with notch, always to be mounted pointing outward
- ⑥ Water reservoir with 17 mm holes as water outlet
- ⑦ 2 drainage nozzles for hose connection by the customer, Adding 4 self-cutting tapping screws 3.9x25 mm (for lap-jointed doors with 3 drainage nozzles)
- ⑧ Optional sealing sheet welded on by the manufacturer, connection bitumen compatible or identical to sealing material, respectively
- ⑨ height-adjustable distance screw M10 with adjusting nut and locknut
- ⑩ additional EPDM-sealing with special adhesive tape for durable fixing thus the surrounding sealing plane is restored to its door stop state



Further included in the delivery:

- (a) two plastic clip profiles white RAL 9016 and brown RAL 8019 for frontal weatherboard cover
- (b) two aluminium profiles cover against soiling of the magnetic channels
- (c) two plastic profiles inserts 15x9x50 mm with holes and screws for fixing 4,0x25 mm for lap-jointed doors (to choose from)
- (d) two plastic fastening plates with sealing predrilled and slit for mounting the wall sealings by the customer and the manufacturer, respectively
Alternatively, can be cut from (d) by the customer
- (e) two plastic profiles for masonry sealing

jamb link (optional position)

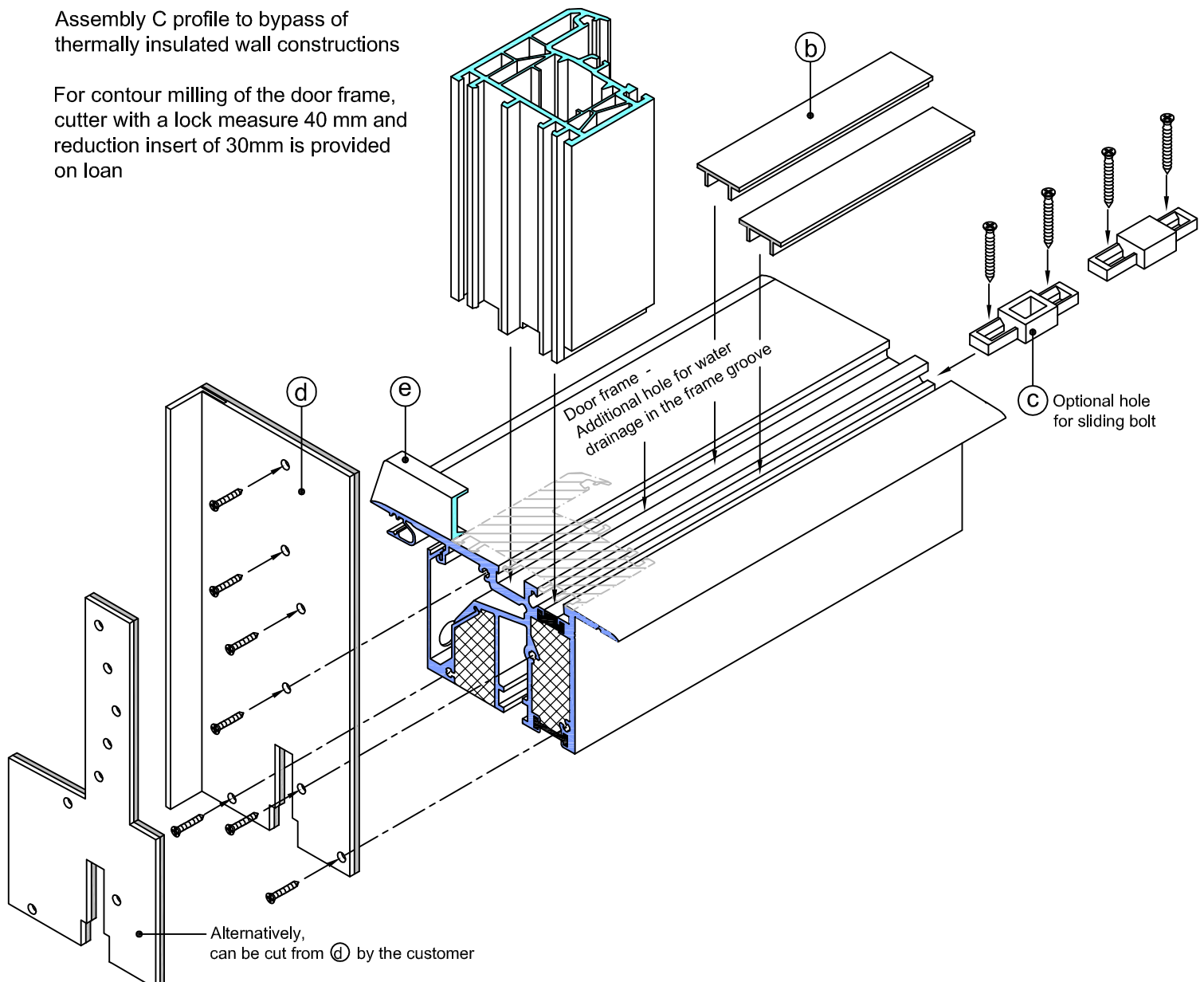
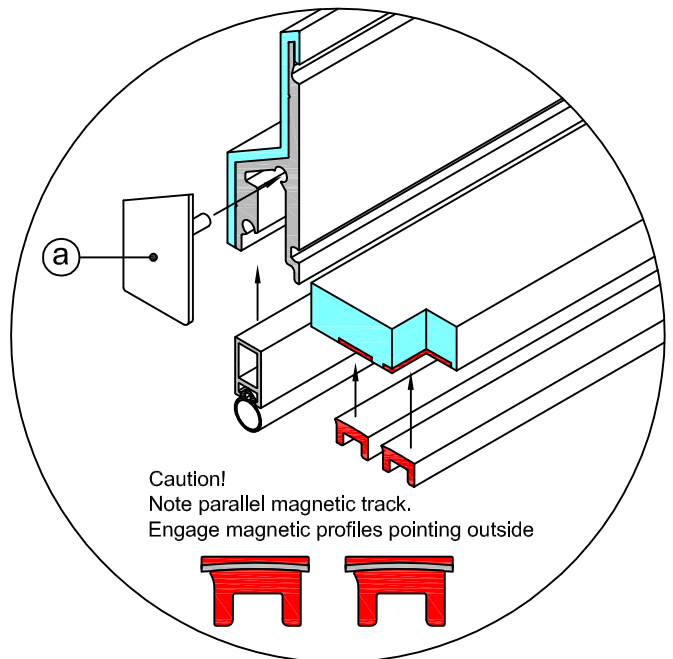
Plastic adaptor profile white RAL 9016 or brown RAL 8016

For fixed-glazing side parts and door frames

Can be adjusted in breadth

Assembly C profile to bypass of thermally insulated wall constructions

For contour milling of the door frame, cutter with a lock measure 40 mm and reduction insert of 30mm is provided on loan

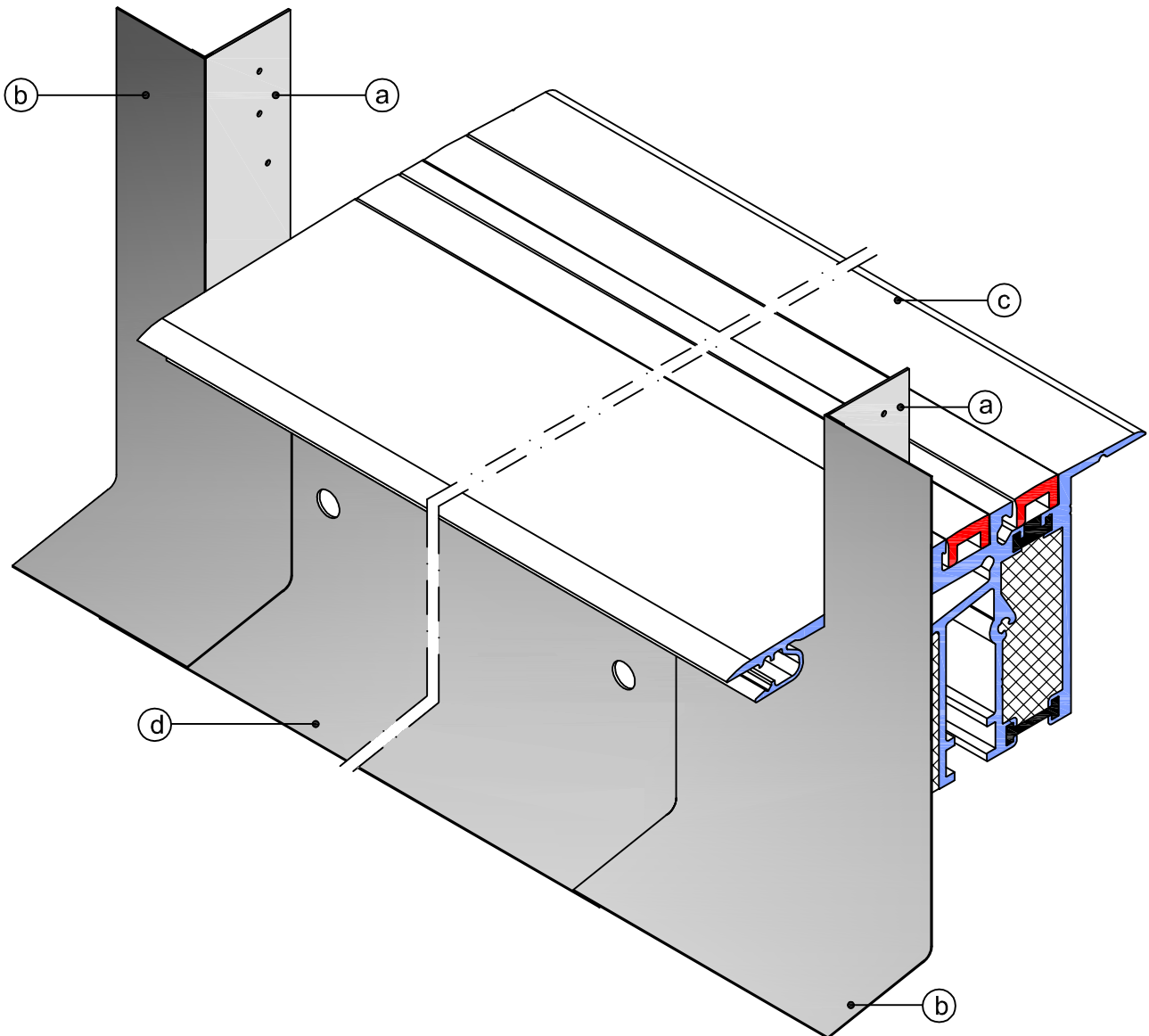


Threshold Sealing and Processing by the manufacturer

Model Alumat MFAT 20

(in compliance with German flat roof guidelines and DIN 18195 Part 5 Section 8.1.5)

Fittings for terrace sealing on the threshold, pre-assembled by the manufacturer with provided Sealing (150 mm) to the masonry, available against surcharge



- (a) Plastic assembly plates predrilled and slit
- (b) Wolfin-sealing sheet, welded with tailored blanks by the manufacturer
- (c) Aluminium ground profile
- (d) Wolfin sealing strip, tailored waterproof to the predrilled water reservoir by means of tailored blanks

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