

Get it done the right way:

Waterproofing floor-to-ceiling window and door connections

Focus solutions




remmers

Digital brochure

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Tested system

Permanently secure connections with MB 2K

To date, there have been no clear regulations for transition areas between plinth waterproofing and the waterproofing junctions at floor-to-ceiling windows and doors. The relevant standards explicitly state that this detail must be taken into account in the planning. However, neither the old waterproofing standard DIN 18195 nor the currently valid DIN 18531 and DIN 18533 standards offer constructive solutions for this. The only provisions these standards make are to specify a junction height of ≥ 300 mm as planned dimension and ≥ 150 mm as final dimension. Even the detailed drawings in these standards only go so far as to indicate how the waterproofing should be arranged and implemented in layout terms. With information that is superficial at best, the standard is lacking in detailed solutions, especially for double-leaf masonry. But Remmers is on the case!

Now there is a practical solution for junctions at full-length building elements and for waterproofing the plinth: the answer is MB 2K. As a multi-functional building waterproofing product, MB 2K satisfies the requirements of flexible mineral waterproofing slurries

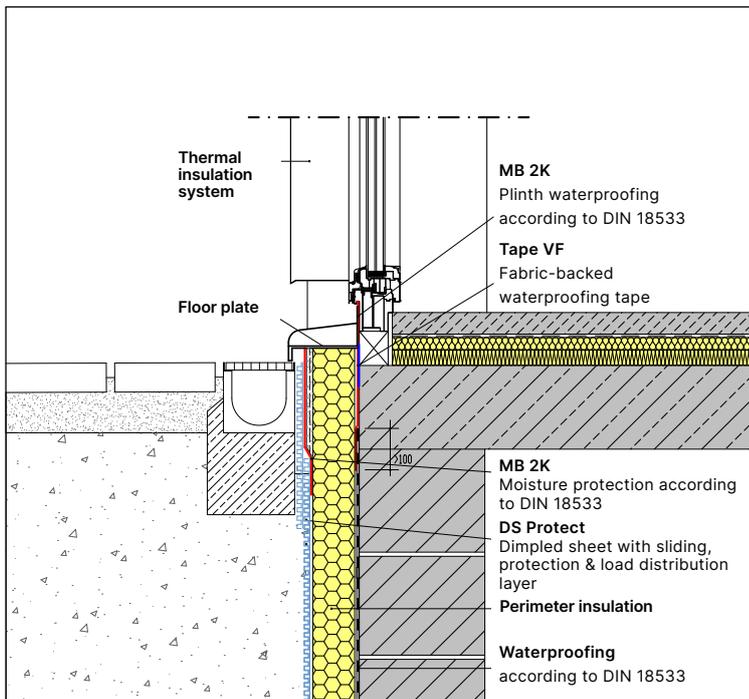
and flexible polymer-modified thick coatings for waterproofing buildings. Even at low layer thicknesses of just 3 mm, this bitumen-free and UV-resistant material can bridge cracks of at least 3 mm. MB 2K adheres exceptionally well to all mineral substrates, as well as many non-mineral substrates such as wood, old bitumen, plastic and aluminium.

These characteristics demonstrate just how well suited MB 2K is to waterproofing door and window connections, in other words the transition from the wall base to window profiles made from a wide range of materials. MB 2K's ability to create reliable, durable waterproofing junctions at floor-to-ceiling windows and doors, even where exposed to accumulated water, has been confirmed by the testing institute Holzforschung Austria with test certificate no. 1312/2019/2/R dated 21 January 2020 and ift Rosenheim in test report no. 21-000979-PR05 dated 24 January 2023.

Take a look at our design solutions and see how easy MB 2K is to use!

Detail drawings

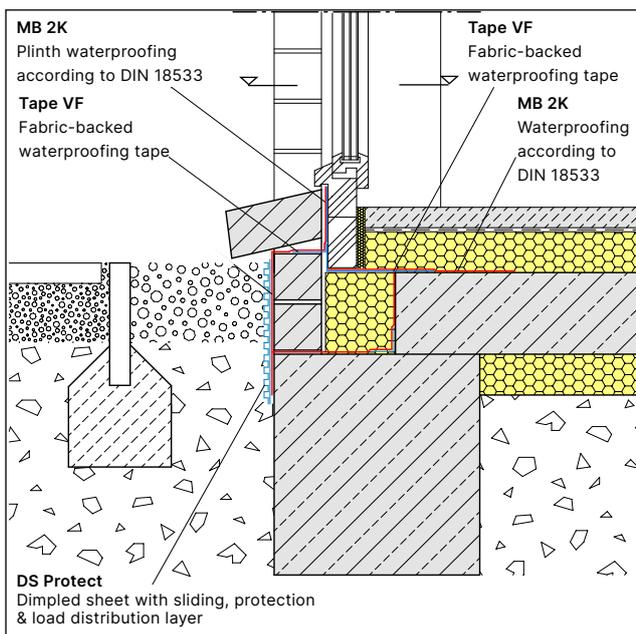
Connection to sill at same level in single-shell masonry



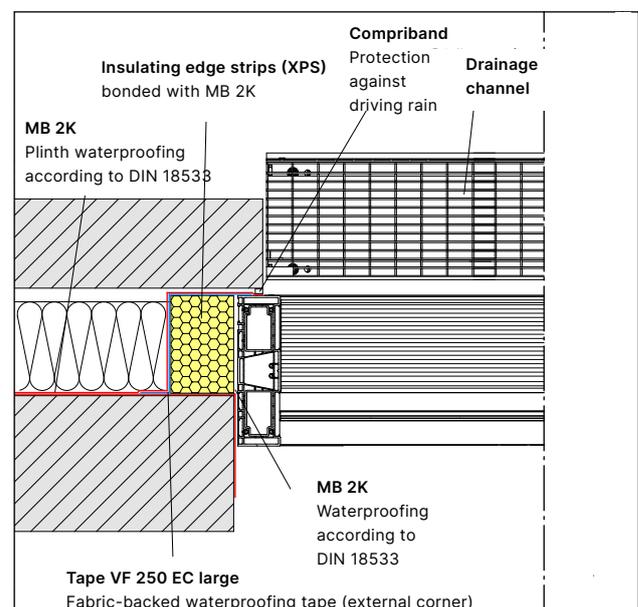
Find our planning guides here:



Connection to floor-to-ceiling windows in double-leaf masonry



Section A-A (plan view)



Waterproofing floor-to-ceiling windows and doors



① PREPARE WINDOW FRAME

Use sandpaper (40 grit) to gently sand the profile in the area to be waterproofed. Then wipe/remove dust with a damp cloth and degrease using a suitable cleaning agent (e.g. alcohol solution).

Please note: Thinner can attack the substrate. Test out on a trial area first. Use masking tape to protect the window frame from spilled material. The substrate must be dry and dust-free, and free from elements that impair adhesion.



② APPLY CONTACT LAYER

Evenly apply a thin contact layer of Remmers MB 2K to the window frame or compensation profile in the side and bottom areas.

Application rate:
approx. 0.5 kg/m²



③ CREATE INTERNAL AND EXTERNAL CORNERS

Once the contact layer is fully dry, apply a layer of Remmers MB 2K using a brush or filler knife in the corner regions. While the material is still wet, embed Remmers Tape VF 100 IC (internal corners) and Remmers Tape VF 75 EC (external corners).

Application rate:
approx. 1.1 kg/m² per mm dry layer thickness



④ EMBED JOINT TAPE

Using a wide brush, flat brush or smoothing trowel, apply a layer of Remmers MB 2K in the transition region between the building element and the adjacent areas (floor slab/ brickwork). Then, while the material is still wet, embed Remmers Tape VF 120 using a roller or brush, making sure to eliminate any bubbles or blisters.

Application rate:

approx. 1.1 kg/m² per mm dry layer thickness



⑤ APPLY WATERPROOFING

Apply two coats of MB 2K to completely cover the sealing tape and the internal and external corners and remove the masking immediately. The total dry layer thickness must not be less than 2 mm.

Application rate:

approx. 2.2 kg/m² for a 2 mm dry layer thickness*

* depending on the water impact class



⑥ PROTECT THE FINISHED WATERPROOFING

Protect the waterproofing from damage until it is fully dry and during and after further building work.

Recommended product

MB 2K Window Kit

(Article no. 313701)

Ready-to-use kit

for waterproofing full-length windows



Contents:

- ✓ Instructions for use
- ✓ MB 2K (8.3 kg)
- ✓ Collomix stirrer WK 70 S
- ✓ Tape VF 120 (10 m roll sealing tape)
- ✓ Tape VF 100 IC (4 pcs internal corner)
- ✓ Tape VF 75 EC (4 pcs external corner)
- ✓ Abrasive sponge
- ✓ Kana KanaClassic corner brush
- ✓ Flat brush

You will also need:

- ✓ Gloves
- ✓ Safety goggles
- ✓ Cleaning cloth
- ✓ Masking tape
- ✓ Small pressure roller
- ✓ Small filling knife
- ✓ Knife

We get it done so that you can get things done

Whatever you have in mind:

We at Remmers do everything to personally support you, your work, your project, your idea, your vision, to reach your goal.

We never stand still and we always go one step further for you.

We drive tomorrow's products and services forward. And strive for sustainable development. Because we know from over 75 years of experience: Progress comes from getting things done, success comes from getting things done, the future comes from getting things done.

What can we get done for you?
Don't hesitate to get in touch.



“Never stop starting and never start stopping.”

Guiding principle of Bernhard Remmers, founder



Exceptional range of products and services



Tailored solutions



Production in Germany



Distribution in more than 30 countries

**We are there for
you with a fast and
personal response.**



Find your
local contact

**Find out what we
can get done for you:**



Subject to changes. The current version of the applicable Technical Data Sheet is relevant for legal matters.

Colour variations are possible.

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