



## MB Fix 2K

Lightweight, bitumen-free reactive insulation panel adhesive

Availability	
Quantity per pallet	18
Size / Quantity	
	<b>16,5 kg</b>
Container code	17
Art. no.	
0855	■

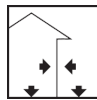
### Application rate



Depending on the substrate condition and density achieved  
 Approx. 3 - 4 kg/m<sup>2</sup> for full-surface coverage, applied by buttering/floating  
 Approx. 1.5 - 2 kg/m<sup>2</sup> for full-surface coverage, applied by buttering or floating

An additional quantity of the product is needed to bond panel joints, depending on the thickness of the insulation panels.

### Range of use



- Bonding perimeter and wall base insulation panels on mineral substrates and existing waterproofing layers
- Bonding insulation panels together

### Property profile

- High yield thanks to formation of air pores during stirring
- Excellent adhesion
- Safe and fast reaction behind insulating panels
- Ready for filling after a short time, even in unfavourable climate conditions
- High stability
- Lightweight and versatile
- Long-lasting
- Free from bitumen and solvents

### Characteristic data of the product

Base	Polymer binder, cement, additives, special fillers
Density of ready-to-use mixture	Approx. 0.55 - 0.70 kg/l depending on the mixing technique and mixing time
Reaction to fire class	E
Consistency	Stable, creamy
Drying time	Approx. 18 hrs (5 °C, 90% RH) Approx. 9 hrs (23 °C, 50% RH)

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

### Certificates

- [Klassifizierung Brandverhalten](#)

### Possible system products

- [DS Protect \(0823\)](#)
- [DS Protect <sup>\[basic\]</sup> \(0815\)](#)
- [VZ MB \(3005\)](#)
- [Remmers FPD](#)
- [Remmers PMBCs](#)

### Preparation

- **Substrate requirements**  
Clean, dry, stable, level and dust-free  
Waterproofing layers must be completely dry.



**Production of the mixture**



■ **Combi-container**

We recommend a twin stirring unit for mixing.

Depending on the mixing technique used (stirring unit, stirring rod), the application rate may increase/the yield may decrease.

The densities and volumes, and the resulting application rates, were determined in practice and in the laboratory under optimal conditions. In addition to the stirrer used and the mixing time, the movement of the mixers in the mixing container (the more frequently and longer the mixing head protrudes from the mixture, the higher the air intake) and the climate conditions also influence the achievable density and yield.

Pour all of the liquid component into the mixing bucket.

Loosen the powder component and add it in full to the liquid component.

Mix for approx. 30 seconds, scrape off any powder adhering to the edge.

Continue mixing for at least 2.5 minutes.

**Directions**



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.

During application and curing, the substrate temperature must be at least +3 °C above the dew point temperature.

■ **Working time (+20 °C)**

> 30 minutes

Apply the adhesive to the entire surface of the insulation panels, including the ends, by buttering and/or floating.

**Tips on use**

At high temperatures, the open time can be extended by adding up to 2% VZ MB (3005).

When using liquid-applied, two-component adhesives, direct sunlight and/or wind exposure can lead to accelerated skin formation and associated blistering.

Insulation boards must be firmly fixed at the base point (e.g. projecting foundation) and laid in a bond without joints.

Until the foundation pit has been filled in, secure the insulation boards so that they cannot slip or slide.

Protect freshly bonded panels from rear moisture penetration.

To avoid thermal stresses, the excavation pit must be backfilled promptly.

In the base area, the base insulation boards must be additionally secured above the ground, see also the processing instructions of the base insulation board manufacturer.

Water may be added up to a maximum of 500 ml per container (not in combination with VZ MB).

**Notes**

The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.

Adding water increases the drying time.

Deviations from current regulations must be agreed separately.

**Tools / Cleaning**



Twin stirring unit, ladle, notched trowel 10 mm

Clean tools with water immediately after use

Remove dried material using Aqua RK-898 Cleaning Concentrate.

**Storage / Shelf life**



If stored in unopened original container in a cool, dry place, protected from frost, the product will keep for at least 9 months.

**Safety data / Regulations**

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

**Disposal**

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

**Biocidal Products Regulation**

Contains a biocidal product (in-can preservative) with the biocidal agents CMIT/MIT (3:1) for protecting the container content from deterioration by microbial organisms (germs, yeast, etc.). Please note the processing guidelines carefully!



Declaration of conformity



**CE Remmers GmbH**

Bernhard-Remmers-Str. 13, D – 49624 Lönigen

CE 24

**GBI-P 123**

EN 998-1: 2017-02

**0855**

Designed rendering/plastering mortar without special characteristics

Reaction to fire class:	E
Adhesion:	≥ 0.3 N/mm <sup>2</sup> (fracture pattern B)
Capillary water absorption:	approx. 0.13 kg/(m <sup>2</sup> *h <sup>0.5</sup> )
Water vapour permeability (Sd):	approx. 0.67 m
Thermal conductivity (λ <sub>10,dry, mat</sub> ) for P = 50 %:	≤ 0.14 W/(m*K) (tab. value EN 1745)
Durability (against freeze-thaw)	Resistant, by use acc. TDS
Dangerous substances:	NPD

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.