

Diessner Klebe- & Abdichtspachtel

Diessner adhesive and sealing filler

Diessner mortar
systems



Universal product for priming, gluing, reinforcing and sealing in plinth and perimeter areas on dispersion bases in connection with Portland cement

- For indoor and outdoor use
- Grey
- Fibre-reinforced
- Extremely good adhesion on mineral and bituminous substrates
- Certified product
- Re-coatable

Intended purpose

Diessner adhesion and sealing filler is suitable for the following application fields in connection with Portland cement:

- priming for the subsequent pressurised water sealing layer or the glueing of plinth and/or perimeter panels
- adhesive for glueing plinth and perimeter panels
- reinforcing compound in plinth and perimeter areas
- protective coating for final rendering in plinth and perimeter areas, re-coatable (see Process section)
- sealant for exterior walls on old buildings against pressurised water *

* in the case of old buildings it is sometimes not possible to provide a sealing layer in accordance with DIN 18195. In this case, Diessner adhesion and sealing filler can provide the sealing function against pressurised water, but is not a sealing layer in accordance with DIN 18195.

Technical data

Classification	Polymer dispersion
Density	approx. 1.2 g/m ³
Water permeability rate w	< 0.05 kg/(m ³ * h ^{0.5}) in acc. w. EN 1062-3
Water vapour diffusion resistance factor μ	5700 in acc. w. EN ISO 7783-2
Particle size	< 0.5 mm
Working temperature (air and substrate)	+ 5° C < temperature < + 30 °C substrate and surrounding temperature

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Consumption	approx. 0.50 kg/m ² for primer or protective coat * approx. 1.30 kg/m ² for reinforcing* approx. 2.00 kg/m ² as adhesive* approx. 3.9 kg/m ² for sealing* *The stated consumption values only relate to this Diessner adhesive and sealing filler, if cement is added, the values double! You should determine any site-based variations using a trial coat.
Application method	Manual application
Drying time	Can be re-coated after 24 hours at the earliest at + 20 °C wall and air temperature and 65% relative humidity. The drying time varies depending on the wind, temperature and relative humidity. Appropriate protective measures against inclement weather should be taken.
Product code	
Paints and lacquers	M-DF 02
Hazard designation	omitted.
Shelf life	approx. 18 months
Container size	18.0 kg
Storage	Weather-proofed, on wooden supports. Cool and dry. Close partly-used containers immediately.
<u>Working guidelines</u>	
Substrate	Substrates must be solid, dry, free of soiling, efflorescence, discolouration, fungal infestation, sintered layers, powdery layers and isolating substances. Existing old coatings must be tested for suitability, adhesion and load-bearing capacity. Unstable old coatings must be removed. Moisture or incompletely dried-out previous coatings can lead to cracks and/or blistering in subsequent coatings. Please observe VOB, Part C, DIN 18363, Para. 3 and the relevant BFS codes of practice. Statutory requirements must be observed during cleaning work.
Processing	Mix Diessner adhesive and sealing filler with Portland cement CEM I 32.5 in acc. w. EN 197-1 with a mixing ratio of 1:1 with a mixing device until a homogenous, ready-for-use compound is produced. If required, add water until the desired consistency is achieved. If used as a primer or moisture protection coating, the material is diluted with 10% water once mixed with cement and then applied using a brush.

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Once completely dry, the adhesive and sealing filler can be covered with Diessner N-TEC DRY, Diessner Hausfarbe, Diessner DUR, Diessner Silicon plus Microsan, Diessner SilicoCryl, Diessner Silicon plus in two coats.

If used for glueing plinth and perimeter insulation panels, the material is applied over the complete insulating panel area using a stainless steel trowel once mixed with cement. Compensation of tolerances in the substrate is possible up to maximum 10 mm.

If used for reinforcing in plinth and perimeter areas, the material is applied with a stainless steel trowel once mixed with cement, and then Diessner reinforcing fabric is placed in the mixture and smoothed down.

If used for sealing completely dried primer, the material is applied with a stainless steel trowel once mixed with cement. A minimum layer thickness of 3.0 mm must be observed in accordance with the test certificate.

Tools

Use a stainless steel trowel for application. The tool should be cleaned using water immediately after use.

Application instructions

The hardening process can be considerably retarded at high relative humidity and/or low temperatures. Non-absorbing substrates can also have a retarding effect. Do not apply material under direct solar irradiation, strong wind or the possibility of rain, do not apply if night frost is expected, protect applied material against weather influences. All the information given above, especially suggestions for the processing and use of our products, is based on our knowledge and experience. For reasons of the different materials and the working conditions which are outside our area of influence, we always recommend that you carry out sufficient trials yourself to ensure the suitability of our products for the intended process and application area. Do not add anything except pure water.

Safety information

Keep out of the reach of children. Rinse immediately with water on contact with the eyes. Avoid skin contact. Do not allow to enter the sewage system, waterways or soil. Please observe the technical datasheet and EU safety data sheets. Both codes of practice are available on request, or at www.diessner-farben.de. Read the product information. Observe the safety and hazard information on the container or safety data sheet. Do not allow to enter the sewage system, waterways or soil.

Disposal

Only return completely-emptied containers for recycling. Return liquid residual materials to unauthorised collection point for old paints/old lacquers. Dried residual materials can be disposed of as hardened paints or as domestic waste. AVV waste code no. 080112.

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Note

The information contained in this technical information has been compiled to the best of our knowledge and complies with the latest state-of-the-art application technology. However, it can only provide advice without obligation since a suitable working method is dependent on the condition of the object to be coated in individual cases and can mostly only be decided on site. Please note any special cases due to site conditions. Legal obligations cannot be derived from the information provided above.

For reasons of the different substrate materials and the working conditions outside our area of influence, we always recommend that you carry out sufficient trials yourself to ensure the suitability of our products for the intended process and application area.

All previous editions of this technical datasheet lose their validity on publication of this version.