Screed Dowelling Compound EV 15

> low viscosity
> force-fitting
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Product description

2-component, solvent-free, food-safe, saponification-resistant, contraction-free and low viscosity reactive resin based on epoxy. The material also hardens in thick layers and forms a positive and sealed connection with the substrate. Indoors and outdoors for pouring and filling of narrow and deep cracks, holes and cavities.

Delivery format

Container	Outer packaging	Pallet
1 KG / BDO	6	120 BDO

Storage
Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Recommended tools
Slow-rotating electric mixer.

Mixing
The material is packed in the proper mixing ratio and is processed in whole units. All of component B (0.33 kg) is added to component A (0.66 kg) and thoroughly mixed together. Decanting of the mixture and stirring again is recommended. For a well mixed, uniform mass to be created, a mixing time of approx. 4 minutes is required.

Processing
The homogeneous and low viscosity mass is poured into drilling holes or cracks and topped up for volume consistency. Also ensure that air which is trapped in deeper lying cavities can escape. For wider cracks, the material can be filled with dry quartz sand. For subsequent coatings, fillers, adhesives etc., the excess material must be sanded off.

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Technical data

Density	1.1 g/cm³
Consumption	approx. 1.1 kg per litre filling space
Mixing ratio	A : B = 2 : 1
mechanically load-bearing	after approx. 4 days
chemically load-bearing	after approx. 7 days
Pot life	bei +5°C ca. 60 Min.; bei +20°C ca. 20 Min.
Accessibility for the next work step	after approx. 12 hrs
Compressive strength	min. 1200 kg/cm²
Tensile strength	min. 350 N/mm²
E-module	approx. 20,000 kg/cm²

Substrate

Suitable substrates

The substrate meets the requirements of the OVBB Guideline – Conservation and Rehabilitation of Concrete and Reinforced Concrete Structures. Furthermore, the substrate must be load-bearing and free of similar and dissimilar substances as well as substances that have a separating effect, corrosive media, such as chlorides, and must be pre-wetted for at least 12 hours before restoration until capillary saturation. Adhesive tensile strength at least 1.5 N/mm². Compressive strength at least 25 N/mm².

Suitable on all standard mineral substrates. Not suitable on substrates with a residual moisture of over 3.5%.

Product and processing instructions

Material information:
- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.

Environmental information:
- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
-Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temper
atures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

Tips:
- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the
indicated values of individual deliveries may vary slightly without impacting the product suitability.

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Safety instructions

Please refer to safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions and disposal.
Limiting and monitoring exposure
Personal protective equipment:
General protection and hygiene measures:
- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.
- Do not inhale gases/vapours/aerosols.
- Avoid contact with the eyes and skin.
Breathing protection:
- Use a breathing filter device for short term or minor exposure; for more intensive or longer exposure, use a self-contained breathing apparatus.
- Filter A/P2.
Hand protection: protective gloves.
Glove material
- Butyl rubber
- Nitrile rubber
- PVC gloves.
- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to
manufacturer. As the product is a preparation made up of many materials, the resistance of glove materials cannot be predicted in advance and must
therefore be checked before use.
Penetration time of the glove material
- The precise penetration time is to be found out from the protective glove manufacturer and complied with.
Eye protection: tightly sealed protective goggles.
Body protection: protective clothing.

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.
Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.
This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.

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