

Density Adhesive Mortar Grey DKM 95

- > sealing + adhesion with a single product
- > very low emission - EC1-PLUS
- > waterproof and open to vapour diffusion
- > decoupling
- > for problematic substrates



Product description

New type of hydraulically setting, water impermeable but still open to vapour diffusion, cementitious, flexible, single-component sealing AND adhesive mortar. Indoors and outdoors for creating seamless and jointless seals in wall and floor areas directly under ceramic tiles and boards (according to EN 14891 and ÖNORM B 3407 W1 - W6), as well as for gluing ceramic coverings in floor area for strong thermal or mechanical loads, such as balconies and terraces (especially for gluing fine stoneware), for wood or metal substrates etc. Sealing and adhesion must take place in two steps!

Delivery format

Container	Outer packaging	Pallet
20 KG / PS	-	48 PS

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 730 days

Processing

Recommended tools

Slow-rotating electric mixer, smoothing trowel, toothed trowel.

Mixing

Add the powder to water using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 3 minutes).

Processing

Sealing and adhesion must always take place in 2 work steps!

As SEAL:

Completely apply the correctly mixed mass in even layer thicknesses via a smoothing trowel. Use Murexin Sealing Tape for adjoining walls and floor areas. In the areas of pipe outlets and water drains, it is recommended you use Murexin Sealing Collars.

As ADHESIVE MORTAR:

Apply the mortar to the substrate in 2 steps. In the first step a thin contact layer is scratched open, in the second step the adhesive bed is combed onto the still wet layer with the corresponding toothing at a work angle of 45 - 60°. Rub the material to be laid into the fresh bed of mortar and remove any possible mortar residue with a wet sponge.

In outdoor areas, swimming pools as well as areas under heavy loads, the combined laying process 'buttering floating' is to be used. A sample adhesion is recommended for unknown types of stone.

Post-treatment:

Protect against mechanical strain (access) for approx. 24 hours.

Technical data

Consumption	as seal: approx. 1.5 kg/m ² per mm as adhesive: approx. 3 kg/m ² depending on tile format
Processing time	as seal approx. 60 min. and as adhesive approx. 40 min.
Drying time	as seal 1st layer approx. 2 hrs. and as adhesive 1st layer approx. 24h
Water consumption	as seal 6.0 l / 20 kg and as adhesive 4.8 l / 20 kg

Test certificates

Tested in accordance with (standard, classification ...)

EN 14891
ZDB-Merkblatt
EN 12004 and EN 12002
ÖNORM B 3407

Substrate

Suitable substrates

Concrete
Cement screed
Anhydrite screed
Mastic asphalt
Plaster
Lime-cement plaster
Masonry
Gypsum plasterboards,
smooth concrete,
aerated concrete
Wooden substrates

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Product and processing instructions

Material instructions:

- When working outside the ideal temperature and/or humidity range the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour evenness can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- Mixed material which is already starting to stiffen may not be diluted further or mixed with fresh material!

Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!
- Before using seals defects and uneven points must be first be levelled out in their own step.
- Outdoors, in permanently wet areas, in areas under heavy load, as well as for natural stone and large areas for which the combined (buttering/floating) procedure is to be used.

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.
- For heated screeds, a standard heating procedure must take place before laying.
- The underfloor heating system may not be switched on during the processing and hardening.

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.

Safety instructions

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.