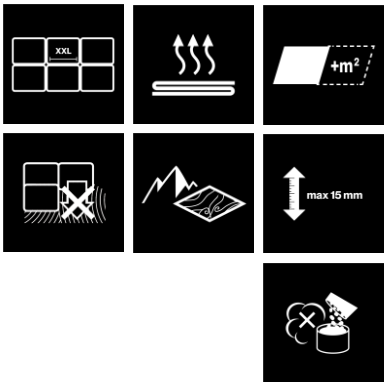
MureFlex KL 5 Light Flexible Tile Adhesive



> highly efficient
> suitable for all kinds of tiles
> suitable for larger sizes
> suitable for underfloor heating systems
> stable



Product description

Powdery, food-safe, extremely efficient, hydraulically setting flexible adhesive mortar with special properties: extremely efficient (+ 20 %), high frost resistance, heat-retaining, especially light, not flammable, water-repellent, and ensures an especially good room atmosphere.
Indoors and outdoors to bond all ceramic materials and natural stones as well as for levelling walls and floors. For all standard construction substrates from 2 to 15 mm layer thickness. Especially suitable for uses in passive house, due to the feel-good atmosphere. Suitable for lightweight construction thanks to its specially light fillers.

Delivery format

Container	Outer packaging	Pallet
13 KG / PS	-	72 PS

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

Processing

Recommended tools
Low-speed electric agitator, suitable mixing vessel, brick trowel, sponge.
The combing trowel must be matched with the corresponding material to be laid.

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Mixing
Take a clean mixing vessel and add this product to water using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 3 minutes).

Processing
Apply the mortar to the substrate in two 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, such a swimming pools as well as areas under heavy loads, the combined laying process 'buttering floating' must be used.
Perform an adhesion test for unknown types of stone.

Technical data

Colour	grey
Consumption	Consumption according to toothing: approx. 1.5 kg/m² at 6 mm toothing, approx. 1.9 kg/m² at 8 mm toothing, approx. 2.3 kg/m² at 10 mm toothing
Rest time	none
Processing time	approx. 1.5 hrs
Open time	approx. 30 min
Can be corrected within	approx. 5 min
Jointable	after approx. 8 hrs
fully load-bearing	after approx. 24 hrs
Water consumption	approx. 0.40 l/kg (corresponds to 5.2 l / 13 kg)

Test certificates

Tested in accordance with (standard, classification ...)
EN 12004 und EN 12002

Substrate

Suitable substrates
Concrete
Cement screed
Anhydrite screed
Mastic asphalt
Gypsum plaster
Lime-cement plaster
Masonry
Gypsum plasterboards
Smooth concrete
Aerated concrete
Wooden substrates

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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:
- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- Bring materials to correct temperature before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water addition amounts or dilution instructions must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The environmental conditions significantly influence colouring.

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 and 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!
- Outdoors, in permanently wet areas, in areas under heavy load, as well as for natural stone and large areas the combined (buttering/floating) procedure must be used .

Tips:
- We strongly 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.
- For heated screeds, a standard heating procedure must take place before laying.

The information provided reflects average values 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.

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