

TECHNICAL DATA SHEET

FLOOROKOL LINO-GUM

Adhesive for linoleum and rubber coverings



PRODUCT DESCRIPTION

Dispersion solvent-free, adhesive for bonding of linoleum and rubber coverings, on to porous substrates.

Field of use

Suitable for bonding of rubber coverings in sheets and tiles up to 4 mm of thickness, for bonding of linoleum and for homogeny and heterogenic PVC floor coverings in sheets and tiles. Suitable also onto self-levelling cement-based mortars and others porous substrates.

Product properties

- Suitable for substrates with underfloor heating
- Odourless
- High final strength and bond elasticity
- Open time approx 20 minutes (+20°C and 50-65% rah)
- Application with notched trowel, designation A2
- Easy application
- High initial grab

PRODUCT DATA

Basic information

Appearance	Viscose dispersion
Packing	20 kg in plastic bucket, 24 buckets on pallet
Storage and expiration date	At least 18 months from date of production if stored properly (+5°C - +25°C) in undamaged original sealed packaging.

Technical data

Type of product	Dispersion adhesive
Colour	Natural white
Viscosity at 20°C: (Brookfield, ISO 2555)	25 000 - 35 000 mPas
Specific density	1,25 kg/L
Drying time	cca 5 minutes (at 20°C and 50 – 65% RAH)

INSTRUCTIONS FOR USE

Consumption

- 0,30-0,35 kg/m² depending on substrate

Base

Substrate must be previously prepared for application, this means dry, level, sound, free of dust and free particles, cracks, oil, rust, gypsum and other particles, which can influence on bonding. Rest of moisture in substrate must be in accordance with technical guidelines and valid standards. Prevent possible rise of capillary moisture; on substrates which are in contact with soil perform suitable steam blockade or hydro isolation with accordance with construction standards. Quality of adhesion is extremely depending on substrate, first of all of upper layer. Because of that special preparation of substrate is recommended. Remove all free particles and dust. If is not possible to assure level and clean substrate we dissuade the usage of adhesive.

Base preparation

It must be ensured that the sub floor is ready for installation by performing proper sub floor preparation; floors must be clean, have sufficient surface strength, must be level, permanently dry and free of cracks. A mechanical pre-treatment of the subfloor (sweeping, vacuuming, mechanical brushing, sanding, and milling, shot blasting) must be performed

depending on type and condition of sub floor. Cracks shall be solidly closed with KEMAPOX FILL or KEMAPUR FILL products. Cavities and indentations can be filled with levelling mortars LINEA (for example LINEA 820 M). Before installing floor coverings, the properly prepared sub floors must be levelled. For subfloor levelling use fine levelling compounds LINEA (LINEA 803 SL, LINEA 810 SL in LINEA 811 SL). In areas where very high loads are expected, for example offices with chair rollers, the self-levelling compounds have to be with appropriate strength. In these case the self-levelling compound LINEA 811 SL or LINEA 830 SL (if bigger thickness is needed) is recommended. Once sub floors have been levelled, do not apply primers, but in opposite case we recommended usage of universal polymer primer KEMAGRUND A, diluted with water in ratio 1:1 to max. 1:2, depending on absorptive of subfloor (onto cement screeds dilution ratio 1:1 is optimal).

Mix ratio FLOOROKOL LINO-GUM is ready for use.

Mix time FLOOROKOL LINO-GUM should be mixed well before use.

Installation Apply FLOOROKOL LINO-GUM evenly on sub floor using trowel with specified notch size. The surface spread quantity should be within laying coverings possibilities in open time of the adhesive. After specified drying time, install floor covering and press down or rub down firmly. Make sure backing is completely wetted! Avoid formation of bubbles by rubbing floor covering down, if necessary using a corkboard. Over open time adhesive lose its adhesion characteristics. Final bond strength is achieved in some days after gluing.

Tool Notched trowel A2, depending on substrate and covering for spreading of adhesive.

Cleaning of tool Clean tools immediately after the use before adhesive hardens. Hardened material on tools can only be removed mechanically or using solvent.

Open time approx. 20 minutes (at 20°C and 50-65% RAH)

Coagulation Welding the connections is possible after 24 hours.
Final bond strength is achieved in some days after gluing, therefore the direct sun is to avoid when laying the covering, as well few days after application.

LIMITATIONS

Base temperature more than +15°C

Air temperature more than +15°C

Material temperature more than +15°C (adhesive and covering)

Warnings

- Protect adhesive from freezing; in case to get frozen adhesive maybe would not be suitable any more.
- With regard to installation, always observe manufacturer's instructions.
- If subfloor is not suitable prepared, the installer of covering should warn the investor and explain possible effects of non-suitable prepared subfloor.
- Prior application of floor coverings, covering, adhesive and substrate has to be acclimatize (minimum 24 hours). A few hours before application coverings should be remove from packaging, covering in roll are partial unfolded.
- The optimal working conditions are: temperature of room 20-25°C, relative air humidity in room 50-65%, moisture of concrete floors max. 3% by gravimetric method or max. 2% by carbide (CM) method, moisture of wooden floors 8 - 12%.

Recommendation: Remains of the unhardened/unset material have to be removed in accordance with the legislation.

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

SAFETY DATA

FLOOROKOL LINO-GUM in not dangerous and is not subject to marking. More data on storage, handling and use of mixture can be found in the safety sheet which contains safety, toxicological and ecological data. Warnings on the original packaging should also be considered.

LEGAL BASE

Information and recommendations related to use of KEMA products are presented in good faith and believed to be correct. The later is based on our knowledge and experience with the products. Information is supplied upon the condition that products are stored and used according to the recommendations and the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to Information or the product to which information refers. In no event will KEMA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to the use any product, process, equipment or formulation in conflict with any patent, and KEMA makes no representation or warranty, expressed or implied that the use thereof will not infringe any patent. All orders fall under current sales and supply conditions. The user should always check the latest technical sheet available upon demand.