

UNITOP M 85

- > for renovations
- > low structural height
- > easy to remove



Product description

Flexible, loosely laid special glass mat on the substrate as stabilising, insulating and vapour-proof intermediate layer for the gluing of textile covers, also for synthetic double backing and PU foam backing, PVC and CV coverings with smooth, embossed or latex-coated backings indoors. Physically separates the coverings of critical substrates from the substrate. Can be used as flexible decoupling board for stabilisation and vapour-proof decoupling of different coverings, especially on substrates which are not ready for laying indoors.

Suitable on absorbent and non-absorbent substrates, such as terrazzo, natural stone and ceramic, old and new linoleum, PVC, CV and parquet floors as well as on coated and sealed surfaces and old floor surfaces. On substrates which are not ready to lay, such as cement screeds with increased residual moisture of up to <5%, monolithic concrete panels with a residual moisture of up to <7%, ensure that the substrates are implemented without underfloor heating, that there is no moisture emerging from the substrate, and that sufficient rear ventilation is present via specially suited skirting boards.

On substrates contaminated with oil or separating agents indoors.

Delivery format:

Container	Outer packaging	Pallet
50 M2 / ROL		12

Storage:

Can be stored frost-free, cool and dry on wooden shelves in unopened original container: unlimited shelf life

Processing

Processing:

The substrate is to be pretreated according to the corresponding ÖNORM standards with pre-coatings and mortar, if necessary. Murexin products are recommended for pre-treatment. All substrates are to be sanded, wiped and cleaned.

The Unitop M 85 is loosely placed on the substrate. The Unitop M85 Mat is laid in parallel, membrane on membrane, but with the joints offset to the subsequent direction of the covering. Maintain a gap of min. 3 mm to all rising components (this also applies for the covering). No surface area limitation is required during

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laying. Ensure sufficient acclimatisation of the underlay as well as the coverings to be laid. Recommended processing temperature min. 15 °C floor and 18 °C air temperature, 65% rel. air humidity. Execute seams with double cut depending on the state of the composite layer in the seam area. Underlay a strip of paper under each seam of the composite layer for coverings obtained.

The max. point load may not exceed 3 N/mm², chair castors must correspond to DIN EN 12529, lift trucks, forklifts or pallet lifts may not be used. Depending on the light conditions at the site, a slight stand out of the edges of the stabilisation underlay is possible, especially with thin floor coverings. Sufficient ventilation from the skirting boards is to be ensured for wooden substrates. Not suitable for coverings that are not dimensionally stable, in particular natural fibre textile coverings.

Technical data

Fire class	E, normally flammable (according to UNI 8457 UNI 9174)
Material thickness	approx. 1.5 mm
Colour	grey
Consumption	Format: 2m x 25cm
Elongation at break	8 % (DIN 53504)
Permeability for water	1.2 X 10 ² (vapour permeability)
Fire behaviour	Class 1 (fire behavior UNI 8457 UNI 9174)
Dimensional change after heat exposure	% 0,02
Cupping after heat exposure	0
Thermal conductivity (DIN 52612)	
Wärmeleitfähigkeit (DIN 52612)	0,16 W/mK
Thermal resistance (DIN 52612)	0,009 m ² K/W
Sound insulation	db 8

Substrate

Suitable substrates:

Suitable

on all substrates which are ready for laying according to Önorm B 2236/1 VOB C, DIN 18356 as well as on old tile and natural stone flooring, adhesive concrete block flooring, mastic asphalt, dry screeds, chipboard, metal, glass etc. on old substrates with adhesive layers of adhesive and mortar as well as on conventional cement and calcium sulphate screeds.

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 information:

- 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 accuracy!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.

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Parquet and adhesion technology

Environmental advice:

- Do not process at temperatures below +15 °C!
- The ideal temperature range for material, substrate, and air is +15 °C to +25°C.
- The ideal 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!

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.

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.