



TECHNICAL SPECIFICATIONS

WIM LIQUID FOIL

Flexible liquid waterproofing foil to seal subgrade from humidity and water

PROPERTIES: Single component, ready-to-use mass with thixotropic properties. Contains no solvents, and after drying forms a highly flexible, water-proof joint-free insulation layer. It is also characterised by very high adherence to mineral substrates and provides a coat on which tiles may be laid using WIMFLEX flexible adhesive mortars. Ecological product, contains no harmful agents. Easy to apply.

TECHNICAL DATA: at the temp. of +23°C and air humidity of 50%

Ingredients:	Polymer dispersion with addition of refining agents
Consistency:	Semi-liquid
Density	ca. 1.4 kg/dm ³
Working temperature	from + 5°C to + 25°C
Coverage on:	
- absorptive substrate	1,2 kg/m ²
- substrate with low absorbability	0.7 kg/m ²
Number of layers to be applied	2
Technological gap between applied layers	ca. 3 hours.
Layer drying time	ca. 3 hours at 23°C
Adherence	Min. 1.5 MPa
Readiness to walking	after 10 – 12 hours.
Possibility of laying tiles	following full drying (ca. 24 hours)
Application method	roll, brush
Tool cleaning	Water (in unbound state)
Storage	12 months in tight containers since the manufacturing date The product is to be protected from frost.
NB	The drying time may be changed in the event of temperatures other than the specified ones.

APPLICATION: For damp insulation inside premises exposed to humidity, on which ceramic tiles are to be laid. It is recommended for all places where a high waterproofing level is required or where high humidity is present (e.g. in showers, bathrooms, toilets, laundries, kitchens etc.). The waterproofing may be applied onto walls made of drywall panels, plastered walls, walls of aerated concrete blocks, old ceramic and stone cladding. It is also suitable for floors with installed floor heating.

SUBSTRATE PREPARATION: The subgrade has to be fixed, solid, with appropriate bearing capacity, mature, clean, dry, free of dust and greasy contamination. Gypsum plasters, drywall panels of gypsum-fibre panels shall be primed in advance with the use of a PRIMER.. As regards low quality and stability substrate, it requires strengthening by applying STRENGTHENING PRIMER. Possible losses in the substrate should be supplemented preferably with WIM LEVELLING MORTAR. On smooth wood-based substrates and old ceramic tile cladding a contacting bridge is to be provided. Sealing of expansion joints or other movable joints between the floor and the wall and of quoins is done with the use of a sealing tape and junctions, which are to be adhered to the substrate using liquid foil. Inlet gullies, pipe culverts and faucet and accessories outlets shall be provided with foil embedded sealing sleeves. To clarify any details, please contact the technical advisory unit.

APPLICATION METHOD: The mass should be thoroughly mixed in the packaging. Using a painting roll apply the first mass coat, firmly pressing it into the subgrade. The second coat may be applied once the



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previous one has fully dries, i.e. after ca. 3 – 4 hrs. Each coat should be dried over the entire surface. As regards floors with significant water load and anticipated intensified pedestrian or road traffic, the third insulation coat is to be provided, but no earlier than after the lapse of 12 hours since the completion of the preceding one. The central area of the tape in the expansion gap is not to be covered by liquid foil. On a coat made of WIM LIQUID FOIL tiles may only be laid with the use of flexible adhesive mortars.

STORAGE: Storage period in dry storage premises protected from frost in originally tightly closed containers is at least 12 months since the manufacturing date.

PACKAGING: The product is available in 3.6kg and 5kg buckets

GENERAL RECOMMENDATIONS:

Keep out of reach of children. Wear required protective clothes and gloves.

The works are to be performed works in compliance with construction best practices, manufacturer's instructions and relevant OHS regulations

Information contained in the Technical Specification present general guidelines related to product application and do not release from the obligation of executing the works in compliance with relevant standards, regulations, executory recommendations, technical know-how, construction best practices and OHS regulations.