

HYDRO

FLEXIBLE, ONE-COMPONENT
SEALING COMPOUND



- flexible
- one-component
- for ceramic tiles
- does not contain solvents
- conceals micro-cracks in the substrate
- for indoor and outdoor use

APPLICATION

KLEIB HYDRO is a flexible, one-component waterproofing membrane for waterproofing highly absorbent mineral substrates such as cement renders and traditional stucco, concrete, gypsum-based plasters and gypsum boards. It is mainly intended for laying of flexible primers for ceramic tiles to seal walls and floor underlays on the premises with non-pressure water exposure, such as bathrooms, toilets, kitchens or drying rooms. KLEIB HYDRO is recommended for sealing work in indoor wet areas, such as around shower cubicles, wash basins, baths and sinks. Use KLEIB ceramic tile adhesives on the membrane layer.

SUBSTRATE PREPARATION

The substrate for KLEIB HYDRO should be a sound base, even, cleaned of dust and dirt, patches of efflorescence, poorly adhering substrate fragments, and residues of old paints and oils. Any cavities in the substrate should be filled with cement mortar. Dusty and gypsum substrates should be ground and dusted off. High suction background should be primed with KLEIB G1 primer, while low suction background should be primed with KLEIB G2 deep penetrating primer. Freshly made surfaces can be sealed when they are completely dry, but not earlier than 14 days after such surfaces are laid.

PREPARATION AND USE

KLEIB HYDRO is a ready-to-use product. It must not be mixed with other products, diluted or concentrated. Before use, mix the compound with a low-speed mixer to even out the consistency. Apply the first layer of the KLEIB HYDRO membrane with a brush, then apply the subsequent layers when the first layer has dried completely, after about 3 hours. Subsequent layers can be applied with a brush or roller. To ensure tightness during application of waterproofing membranes, use KLEIB detail strips as an essential part of the KLEIB HYDRO membrane, especially in bathrooms, household and industrial kitchens, laundry rooms, areas around swimming pools, shower compartments, chemical laboratories, wet areas, etc. in accordance with the KLEIB HYDRO Instructions. Clean tools with water immediately after use.

COVERAGE RATE

Dampproof course, bathrooms – two layers, total of 1.5 mm, 2.5 kg/m². Medium type waterproofing, non-pressure water – two layers, total of 2 mm, 3.2 kg/m². Structural waterproofing system, pressurised water – three layers, total of 2.5 mm, 4.0 kg/m².

STORAGE

KLEIB HYDRO should be transported and stored in tightly closed buckets, in dry conditions, at temperatures above zero. Protect from excessive heat and moisture. Expiry date indicated on the label.

TECHNICAL DATA

Substrate and ambient temperature during application	+5°C do +25°C
Volumetric density	Approx. 1.56 kg/l
Drying time	Approx. 2 hours

	net weight	pieces per pallet	consumption
HYDRO	3 kg	168	depending on the number of layers 2.5 kg/m ² (for layer thickness of 1.5 mm) 4.0 kg/m ² (for layer thickness of 2.5 mm)
	6 kg	80	
	15 kg	44	