

# KLEIB Hydro

## Flexible, single-component sealing compound

**Use and properties:** **KLEIB Hydro** is a flexible, single-ingredient isolating foil used for sealing absorbent mineral substrates. It is primarily used to make flexible priming layers for indoor ceramic tiles in order to seal walls and screeds in rooms with non-pressure moisture, i.e. bathrooms, toilets, kitchens and drying rooms. **KLEIB Hydro** is recommended for sealing moist areas around shower cabins, washbasins, baths and sinks.

**Substrate preparation:** The substrate should be solid, even and purified of dust, dirt, salt efflorescence, fragments with weak adhesion and remnants of old paints and oils. If the substrate has mechanical defects, fill them with a cement mortar. Dusty gypsum substrates should be abraded and dusted off. Very absorbent surfaces should be primed with KLEIB G1, whereas slowly absorbent ones should be primed with the deep-penetrating KLEIB G2. Fresh surfaces can be sealed after they have completely dried, but no sooner than 14 days after their application.

**Preparation and application:** **KLEIB Hydro** is a ready-for-use product. The mass should be stirred with a low speed drill prior to use in order to smoothen its consistency. The first layer of **KLEIB Hydro** should be applied with a brush. Subsequent layers can be applied with either a brush or a roller after the first layer has completely dried, i.e. after approx. 3 hours. We advise using **KLEIB sealing tapes**.

### Technical specification

Color:	azure, highly adhesive liquid
Basis:	flexible acrylic dispersion
Packaging:	15 kg or 6 kg bucket
Density:	approx. 1.56 kg/l
First layer drying time:	approx. 2 hours
Bonding time:	full mechanical strength — 3 days, water loads — 7 days
Working temperature:	surface and ambient temperature: from +5°C to +25°C (including bonding)
Storage:	1 year in dry and cool places in temperatures above 5 °C, only in original airtight packaging
Consumption:	Light insulation, bathrooms, two layers, 1.5 mm in total — 2.5 kg/m <sup>2</sup> Medium insulation, non-pressure water, two layers, 2 mm in total — 3.2 kg/m <sup>2</sup> Heavy insulation, pressure water, three layers, 2.5 mm in total — 4.0 kg/m <sup>2</sup>

**Storage and transportation:** **KLEIB Hydro** should be transported and stored in airtight buckets in dry conditions and temperatures above zero centigrade. Protect against overheating and moisture. Use within 12 months of the production date found on the label.