

IMPERLEIK



USES

WATERPROOFING CONCRETE,
CEMENT PLASTERS AND SCREEDS.

SUITABLE SUBSTRATES

- CEMENTITIOUS SCREEDS
- EXISTING FLOORINGS (PREVIOUSLY TREATED)
- CEMENT PLASTERS AND RENDERS
- CONCRETE MASONRY

SURFACE PREPARATION

All surfaces must be flat, structurally sound, clean, free of dust and loose parts. Cementitious screeds must have at least 28 days of curing and renders must cure one week per centimeter of thickness.

Dry and porous surfaces should be dampened and excess water swept off. Installation may be made on a damp surface.

In case of leveling existing surfaces use SUPRALEIK mortar.

For cleaning the existing flooring, provide a mechanical abrasion with a subsequent vacuum up of the dust from the surface. Always carefully check the suitability of the flooring to be coated.

LIMITATIONS

- Do not use on metal substrates, vinyl tiles, linoleum
- Not for direct use over hardwood or strip wood flooring, anhydrite and gypsum substrates
- Do not apply in more than 2 mm thickness

MIXING

Place about 30% of potable water (calculated on the total dry powder weight) into a clean pail. Add one bag of IMPERLEIK powder under stirring. Mix with a slow speed mixer to a trowelable and flowing consistency. Allow mortar to slake for 2 minutes. Remix adding more

water until the desired consistency. The resulting mortar must be free of lumps. The mixing water dosage is purely indicative: it is possible to vary the consistency of IMPERLEIK by adding more or less water according to the specific application (for roller or brush applications add water until a smooth and easily flowing consistency is obtained). The mixture remains workable for about 60 minutes at 23°C.

APPLICATION

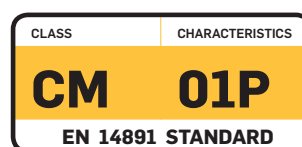
Spread about 1 mm layer of IMPERLEIK with a flat trowel and suitable pressure on the substrate to ensure optimal adhesion. Allow to harden and apply a second uniform layer of about 2 mm ensuring that the entire surface of the first layer is perfectly covered. If you use a fiberglass mesh, embed it in the first layer by pressing with a flat trowel. Wait approximately 24 hours before installing the tiles with KOLALEIK. Protect from rain until complete hardening.

TECHNICAL DATA

EN14891 classification	CM 01 P
Consistency	fine powder
Colour	grey - white
Mixing water	30-32%
Pot-life	60 min.
Mix density	1.30-1.50 kg/ℓ
PH of the mix	≥ 12
Ready for use	14 days
Impermeability (1.5 bar positive pressure for 7 days) No penetration and weight increase	≤ 20 g
Crack bridging ability in standard condition	≥ 0,75 mm
Crack bridging ability at low temperature (-5°C)	≥ 0,75 mm
Initial adhesion	≥ 0,5 N/mm ²
Adhesion after water immersion	≥ 0,5 N/mm ²
Adhesion after heat aging	≥ 0,5 N/mm ²
Adhesion after freeze-thaw cycles	≥ 0,5 N/mm ²
Adhesion after immersion in chlorinated water	≥ 0,5 N/mm ²
Adhesion after immersion in alkaline water	≥ 0,5 N/mm ²

- Consult the latest version of the safety data sheet before use.
- Use at temperatures between + 5°C and + 35°C.
- Protect from humidity, store in a dry place.
- The information and indications given in this Technical Data Sheet, although based on our best knowledge, are to be considered indicative.

LEIK SpA assumes no responsibility for the application of its products. Anyone intending to use LEIK products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.



CONSUMPTION

1.1-1.3 kg/m² per mm thickness

CLEANING

Clean tools and containers with plenty of water before IMPERLEIK hardens.

PACKAGING

IMPERLEIK white and grey are available in 15 kg ventile bags and in 4x5 kg boxes.

STORAGE

IMPERLEIK can be stored 12 months as for 15 kg bags and 24 months as for 5 kg bags in a dry place in original and perfectly sealed packaging. The product complies with the conditions of Annex XVII to Regulation (EC) N° 1907/2006 (REACH), item 47.

WARNINGS

- Product for professional use only.
- Protect from rain for at least 48 hours and from direct sunlight for 5 days.
- Contains cement that produces an irritating alkaline reaction in contact with body sweat. Use protective gloves and goggles. It can cause eye damage. In case of contact with eyes or skin, wash immediately with plenty of water and consult a doctor.



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