

KOLALEIK



USES

INTERIOR AND EXTERIOR BONDING OF CERAMIC TILES SINGLEFIRED, DOUBLE-FIRED, PORCELAIN TILES, KLINKER, MOSAICS OF EVERY TYPE AND STONE MATERIALS (ON FLOORS, WALLS AND CEILINGS).

SUITABLE SUBSTRATES

- CEMENTITIOUS SCREEDS
- WATERPROOFING MEMBRANES
- 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.

LIMITATIONS

- Do not install tiles on green concrete
- 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 5 mm thickness

MIXING

Place about 30-32% liters of potable water (calculated on the total dry powder weight) into a clean pail. Add one bag of KOLALEIK powder. Mix with a slow speed mixer to a creamy, trowelable consistency. Allow mortar to slake for 5 minutes. Remix without adding any more water or powder. During use, stir occasionally to keep mix fluffy.

APPLICATION

Spread a thin layer of KOLALEIK using the flat side of the trowel. Comb on additional mortar with the notched side. Use a trowel suitable to ensure full bedding of the tile. Place tiles into wet, sticky adhesive and beat in using a rubber mallet to embed tile and adjust level. Check adhesive for complete coverage by periodically removing a tile and inspecting KOLALEIK transfer onto back of tile. Make sure the adhesive always remains sticky, if not remove and replace it with fresh product. For exterior installation, large format tiles and floors subject to heavy traffic, back butter the tiles to provide structural adhesion. The product is ready to light foot traffic approx. after 24 hours and to heavy traffic approx. after 14 days in standard conditions.

TECHNICAL DATA

EN12004 classification	C2 TE
Consistency	powder
Colour	grey - white
Mixing water	30-32%
Pot-life	4-6 hours
Mix density	1.50-1.60 kg/ℓ
pH of the mix	≥ 12
Ready for use	14 days
Ready for grouting	24 hours on floors 6 hours on walls
Application temperature range	da +5°C a +35°C
Slippage	≤ 0.5 mm
Open time	≥ 30 min.
Initial bonding	≥ 1.0 N/mm ²
Bonding after water immersion	≥ 1.0 N/mm ²
Bonding after heat aging	≥ 1.0 N/mm ²
Bonding after freeze/thaw cycles	≥ 1.0 N/mm ²

CONSUMPTION

2-5 kg/m² depending on trowel notched size, type and size of the tile.

CLEANING

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

PACKAGING

KOLALEIK white and grey are available in 20 kg ventylene bags and in 4x5 kg boxes.

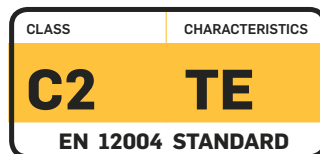
STORAGE

KOLALEIK can be stored 12 months as for 20 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 36 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.
- 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.



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