

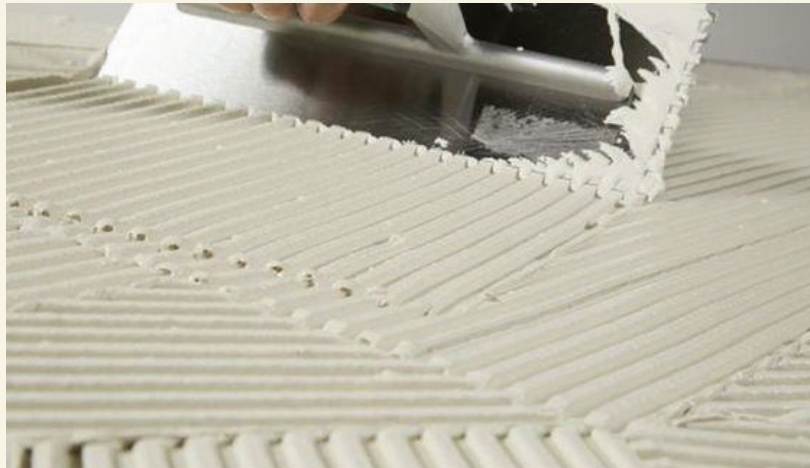


C2TE

LETTEFLEX C2TE

Fine-grained, polymer-modified cementitious tile adhesive for ceramic tiles, porcelain and natural stones on walls and floors.

- Excellent workability and high adhesion strength
- Extended open time and reduced slip
- For internal and external applications



DESCRIPTION

Fine-grained, polymer-modified cementitious tile adhesive with excellent workability and high adhesion strength. Suitable for fixing ceramic tiles, porcelain, and natural stones on walls and floors. Ideal for internal and external applications. Available in white and grey.

Classified as C2TE according to JS 921-2:2023 ISO 13007-2:2013

FIELDS OF APPLICATION

- Fixing absorbent and non-absorbent ceramic tiles and porcelain
- Suitable for natural stones and marble.
- For interior and exterior applications
- For walls and floors
- Suitable for cement-based substrates, concrete and renders
- Suitable for wet areas such as bathrooms and kitchens
- Suitable for large size tiles.
- Suitable for heavy duty areas.
- Suitable for areas exposed to high temperatures and constant weather fluctuations.

NATURE OF PRODUCT

LETTEFLEX mainly consists of a blend of cements, selected mineral fillers, polymers and specific additives to improve adhesion, flexibility and workability.

MIX

Mix the powder with clean water until a homogeneous, lump-free paste is obtained.

Leave to rest for 5 minutes, then remix briefly before application.

The product results in a smooth, easy-to-apply thixotropic paste.

APPLICATION (LAYING)

Apply LETTEFLEX using a suitable notched trowel.

Lay the tiles while exerting adequate pressure to ensure full contact with the adhesive.

Respect the open time and avoid forming a surface skin before tile placement.

STORAGE

12 months in original unopened packaging in dry conditions

PRODUCT TECHNICAL DATA	
Classification	C2TE
Mixing Ratio	5.5 - 6.0 litres of water for 25 kg of powder
Maturation Time	5 minutes
Pot Life	Approx. 2-3 hours
Open Time	Extended (E)
Adjustability Time	Approx. 20-30 minutes
Application Temperature	From +5°C to +35°C
Temperature Resistance	-30°C to +90°C
Walkability	24 hours
Grouting Time	After 24 hours (walls and floors)
Full Service Time	7 days

PERFORMANCE	
Adhesion Strength (Initial)	$\geq 1.6 \text{ N/mm}^2$
Adhesion after water immersion	$\geq 1.1 \text{ N/mm}^2$
Adhesion after heat ageing	$\geq 1.3 \text{ N/mm}^2$
Adhesion after freeze-thaw cycles	$\geq 1.0 \text{ N/mm}^2$
Slip	$\leq 0.5 \text{ mm}$

TECHNICAL ADVICE

- Do not add cement, lime or other additives to the product
- Use clean water and respect the mixing ratio
- Apply on sound, clean and dry substrates
- Avoid application under direct sunlight, strong wind or high temperatures
- Do not apply on frozen substrates or at temperatures below +5°C
- Protect freshly applied adhesive from rain or frost for at least 24 hours

SPECIFICATION ITEM

Installation of ceramic tiles using a high-performance, polymer-modified cementitious adhesive with extended open time and reduced slip, classified as C2TE according to EN 12004, type LETTEFLEX C2TE.

JS 921-2:2023 ISO 13007-2: 2013

Royal Jordania Examination

No: 71/01/26/25970