



TECHNICAL DATA SHEET

CERAFIX555

CERAFIX 555-C2E



DESCRIPTION

CERAFIX 555-C2E is a high-performance, cement-based tile adhesive enhanced with premium acrylic additives. It offers reduced slip (T), extended open time (E), and exceptional adhesion for versatile applications. Engineered for both interior and exterior use, it delivers outstanding workability and durability even under extreme temperature conditions. Classified as C2T under EN 12004

FIELDS OF APPLICATION

- Installation of ceramic tiles on walls and floors
- Suitable for indoor and outdoor environments
- Recommended for application thicknesses up to 10mm

INSTRUCTIONS FOR USE

- Ensure the surface is clean, dry, and free from dust, oils, or paint.
- Prime absorbent or unstable substrates with a suitable bonding agent.
- For smooth or non-absorbent surfaces, use a quartz-based primer.
- Mix 25kg of CERAFIX 555 with approx. 6 liters of clean water ($\pm 0.25L$) using a low-speed mixer until a uniform paste is formed.
- Let the mixture sit for 5–7 minutes, then stir again briefly.
- Apply with a notched trowel and place tiles within 30 minutes. Application temperature: +5°C to +35°C.

TOOLS REQUIRED FOR APPLICATION

Technical Properties	(at 23° C and 50% RH)
General Information	
Appearance	Grey powder & White
Shelf Life	12 months when stored in the original sealed packing in dry place
Application Data	
Application Temperature Range	(+5°C) - (+35°C)
Mixing ratio	8-12 litres water / 40 kg powder
Pot Life	6 hours
Open Time (EN 12004-T-2019)	After 20 minutes $\geq 0,5\text{N/mm}^2$
Set to Light Traffic	8 hours on wall; 24 hours after on floor
Consumption	Approx. 3 - 5 kg/m ²
Performance Data	
Tensile Adhesion Strength (EN1348)	
- initial	$\geq 0,5\text{ N/mm}^2$
- after immersion in water	$\geq 0,5\text{ N/mm}^2$
- after heat exposure	$\geq 0,2\text{ N/mm}^2$
- after freeze/thaw cycles	$\geq 0,5\text{ N/mm}^2$
Service Temperature Range	(-30°C) - (+70°C)

APPLICATION

- Substrates must be free of any contamination that may prevent proper adhesion.
- Cementitious substrates must be cured.
- Wipe the back side of tiles with water if dusty.
- Pour 40 kg of CERAFIX555 into 8–12 litres of clean water slowly while mixing to obtain a homogeneous, lump-free paste. Use a low-speed mixer for best results. Do not add any unapproved components.
- Allow the mix to stand for 5–10 minutes to mature, then remix for 1–2 minutes before use.
- For optimal adhesion, first spread the adhesive onto the substrate using the flat side of a notched trowel, then comb using the toothed side. Select the notch size appropriate to tile dimensions.
- The open time is approximately 20 minutes. Press tiles firmly into the adhesive within this time.
- In unfavorable conditions (high temperature, low humidity, wind), the open time may decrease. If it is exceeded, remove and discard the adhesive.
- Discard any adhesive that has exceeded its pot life. Clean tools and hands with water; use a damp cloth to clean surfaces.
- Installed tiles should not be exposed to water for at least 24 hours.

CONSUMPTION

Approx. 2.5 – 4.5 kg/m² depending on trowel notch size, tile dimensions, and substrate texture.

TECHNICAL DATA SHEET (TDS)



WARNING

Contains cement; may cause irritation to eyes, skin, and respiratory system. Refer to the safety data sheet before use.

STORAGE

Store in a cool, dry area. Do not stack more than 10 bags on top of each other.

PACKAGING: 20 kg | 40 Kg (Grey & White)

TECHNICAL SUPPORT

Manufactured By Industrial 9-Warehouse, Behind Shirawi Enterprise, Ras Al Khor Industrial Area 2, Dubai, UAE

India Facility: 1025/1/A, Babla Compound, Gaibi Nagar, Kalyan Road, Bhiwandi, Maharashtra – 421302

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