



LANKO

**FLEXIBLE
TILE ADHESIVE
SINGLE COMPONENT**

SAC 28+

T I L I N G A N D G R O U T I N G



CHARACTERISTICS

- **High bonding performance.**
- **Suitable for very large formats.**
- **Permanently flexible.**
- **Waterproof.**
- **Suitable for bonding metal.**
- **No vertical slip (Non-Sagging)**
- **CASJET Standard**
- **VOC < 0.1g/L**

COVERAGE

3.5 - 4 kg/m² using a
6mm x 6mm notched trowel.

SHELF LIFE

Up to 12 months in
unopened original
container.

STORAGE

Store in an elevated, cool
dry place.

PACKAGING

25 kg bag.

DESCRIPTION

SAC 28+ is a flexible, single component polymer modified cement based adhesive.

It is ideal for bonding natural stone and tiles, porcelain to facades, terraces, balconies and on electric radiant flooring.

APPLICATION RANGE

- High bonding performance and deformability makes SAC 28+ suitable for bonding reduced porosity natural stone or tiles onto new or old substrates.
- Suitable for very large formats, up to 3 600 cm².
- Waterproof, therefore suitable for bonding on submerged substrates: ponds, tanks, swimming pools, water sport centres.
- Permanent flexibility makes it resistant to thermal shock.
- Suitable for bonding on non-permissible substrates such as metal and film coatings.

TECHNICAL DATA

- Appearance : Grey or white powder
- Open/Working time : 30 minutes
- Pot life : approx. 1 hour
- Drying time : 24 hours
- Deformability : > 2.5 mm
- Temperature resistance : - 20°C + 80°C

Pull off strength test: BS 1881 Part 207

28 days = 2 N/mm² +/- 0.1

Tensile Adhesion EN 12004 : 2009 N/mm²

@28 Days - Standard Conditions	1.50
@28 Days - Water Immersion Conditions	1.25
@28 Days - Heat Aging Conditions	1.25
@28 Days - Freez/Thaw Cycles Conditions	1.50

Tensile Adhesion ANSI A118.6 2012 N/mm²

@7 Days	1.20
@28 Days	1.55

APPLICABLE STANDARDS

BS 5980:1980, BS EN 12004:2007
ANSI -A118.4, ANSI-A118.6 C1 H-4.4
Tensile Adhesion EN 12004 : 2009
Tensile Adhesion ANSI, A118A 2012

WORK INSTRUCTIONS

Substrate preparation

- The substrate must be clean, sound, dust-free and free of all traces of oil, grease, wax and other contaminants.
- Substrates must not be running with water or frozen.
- Newly rendered surfaces must be allowed to cure for at least 7 days.

Product preparation

- Mix one 25kg bag SAC 28+ to 6 - 6.5 litres of clean water (24 - 26% liquid content), mixing continuously until a lump-free, creamy consistency is achieved.
- Allow the mixture to stand for 5 minutes and remix prior to use.
- The mix lasts approximately 1 - 2 hours depending on temperature conditions.

Application

- Spread the adhesive onto the substrate using either a 6 mm x 6 mm notched trowel for wall tiling or a 12 mm x 12 mm notched trowel for floor tiling. The choice of trowel should be governed by the size of tile, the depth of knobs; grooves or ridges on the back of the tile and the evenness of the substrate.
- Spread approximately 1 - 2m² of adhesive at one time. Ensure that the adhesive is wet when the tiles are laid and tapped into position to ensure positive contact with the adhesive.
- For dual bonding, follow the above-mentioned instructions, additionally buttering the underside of the tile.
- Ensure that there are no voids under the tiles. Do not allow the adhesive to skin over prior to filling.

SAC 28+ FLEXIBLE TILE ADHESIVE SINGLE COMPONENT



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Grouting after tile installation

- Grouting should be carried out preferably at least 24 hours after the completion of tiling.
- For grout joints of up to 5 mm wide use SANITIZED COLOURED GROUT.

PRECAUTIONS

- Temperature range for use : +5° to +45°C.
- Apply only to clean, sound, resistant substrates, free of loose material.
- Excess adhesive and tools should be cleaned with water before the adhesive sets.
- This product contains cement which may cause dermatitis. The use of protective gloves and goggles during handling is recommended. If skin irritation occurs seek medical attention promptly.

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