



TECHNOPOOL 1062 C2TE S2

Description:

High-performance, flexible, water-resistant cementitious adhesive with extended open time, reduced slip, and contributes to waterproofing for ceramic tiles and stones.

Usage Areas:

Interior and exterior floor and wall bonding of all types and sizes of ceramic tiles, natural stone, marble, granite, porcelain ceramic, clinker, etc. on cementitious renders, cementitious screeds, and concrete.

Bonding of all types and sizes of tiles and glass mosaics in swimming pools, Turkish baths, water tanks, basins, and any other wet place.

Bonding of ceramic tiles or granite on existing granite, ceramic, marble.

Bonding of tiles in places where sudden temperature changes occur, like cold storage depots and over-floor heat installations.

Bonding of tiles in places subject to heavy traffic like shopping malls, hospitals, and schools.

Properties:

Perfect adherence.

Highly deformable, resistant to temperature changes.

Waterproof. Extended open time.

Can be applied on vertical surfaces, even for bonding heavy tiles without sagging.

Easily trowelable.

Performance Data:

Slip: ≤ 0.5 mm

Open Time Tensile Adhesion Strength: After 30 minutes ≥ 0.5 N/mm²

Tensile Adhesion Strength:

Initial (after 28 days): ≥ 1 N/mm²

After heat exposure: ≥ 1 N/mm²

After immersion in water: ≥ 1 N/mm²

After freeze/thaw cycles: ≥ 1 N/mm²

Deformability: ≥ 5 mm - S2 Highly deformable

Service Temperature Range (after final cure): (-40°C) - (+80°C)

Release Dangerous Substances: See SDS.

Reaction to Fire: A2





Application:

Pour Empire Technopool 1062 into the specified amount of clean water and mix slowly to obtain a homogeneous paste free from lumps. A low-speed mixer is recommended for mixing.

Do not add any additives that are not mentioned in the instructions.

Allow to stand for 5 minutes to mature. After 2-1 minutes of remixing, the paste is ready for application.

Consumption: 5-3 kg/m²

Use the prepared mortar within 6 hours.

Spread the mortar onto the substrate using a notched trowel, selecting the appropriate notch size based on tile dimensions.

To achieve good adhesion, first apply a thin coat of Empire Technopool 1062 with the flat side of the trowel, then notch with the toothed side of the trowel. For large tiles (greater than 40x40 cm), apply Empire Technopool 1062 on the back of the tiles as well (combined method).

Open time: 30 minutes. Tiles should be installed

General Data

Appearance: Grey or White powder

Shelf Life: 12 months when stored in the original sealed packing in a dry place.

Storage:

Packages should be kept dry at temperatures between +5°C and +35°C in moisture-free conditions. Avoid direct sunlight, water, frost, and adverse weather conditions.

Shelf life: Maximum 12 months under proper storage conditions.

Mixing Ratio:

6.25 - 5.75 liters water / 25 kg grey powder

6.75 - 6.25 liters water / 25 kg white powder

Pot Life: 6 hours

Grouting: 8 hours on wall; 24 hours after on floor

Consumption: 5 - 3 kg/m²

Application Data:

Application Temperature Range: (+5°C) - (+35°C)

Package:

25 kg multi-ply paper bags

