



TECHNOCERAMIC 1052

C1TE

Description:

Cementitious ceramic tile adhesive with extended open time and reduced Perfect adherence. Allows installation of tiles from top towards the bottom. Extended open time. Easily trowelable.

Usage Areas:

Floor and wall adhesive of all types of ceramic tiles, mosaic, and decorative bricks on cementitious renders, cementitious screeds, and concrete. Adhesive of tiles on existing ceramic tiles. Exterior adhesive and grouting of glass mosaics. Interior and exterior adhesive of glass bricks. Allows installation of tiles from top towards the bottom.

Properties:

Perfect adherence. Allows installation of tiles from top towards the bottom. Extended open time. Easily trowelable.

Performance Data:

Slip (EN 2-12004): ≤ 0.5 mm
Open Time (EN 2-12004): After 30 minutes ≥ 0.5 N/mm²
Tensile Adhesion Strength (EN 2-12004):
Initial: ≥ 0.5 N/mm²
After heat exposure: ≥ 0.5 N/mm²
After immersion in water: ≥ 0.5 N/mm²
After freeze/thaw cycles: ≥ 0.5 N/mm²
Service Temperature Range (after final cure): (-40°C) - (+80°C)
Release of Dangerous Substances (EN 1-12004): See SDS.
Reaction to Fire (EN 1-13501): A1





Application:

Pour Empire Technoceramic 1052 on the amount of clean water specified in the technical table slowly and mix to obtain a homogeneous paste free from lumps. A low-speed mixer is recommended to mix. Allow to stand for 10 - 5 minutes to mature. After 2-1 minutes of remixing, the paste is ready for application.

Consumption: 5-3 kg/m²

Consume the prepared mortar within 6 hours.

Spread the mortar onto the substrate with a notched trowel of which notch size is appropriate to the tile dimension. To obtain good adhesion first apply a thin coat of Empire Technoceramic 1052 with the flat side of the trowel, then notch with the toothed side of the trowel.

Open time is 30 minutes. Install the tiles within this period with firm pressure.

Unfavorable climatic conditions (high temperature, low humidity, wind, etc.) may reduce this time to just a few minutes. If this period is exceeded, scratch and discard the mortar.

General Data

Appearance: White powder

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

Storage:

Product storage conditions should be between +5°C and +35°C. Store in dry medium.

Application Data:

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

Mixing Ratio: 7.5-7 liters water / 25 kg powder

Pot Life: 6 hours

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

Consumption: 5-3 kg/m²

Package:

25 kg multi-ply paper bags

