

**TECNOCEM COSMETIC****FINE CEMENT-BASED COSMETIC MORTAR, REINFORCED WITH GLASS FIBRE,
SUITABLE FOR REPAIRING AND SMOOTHING FACADES**

OUTDOOR	INDOOR	COSMETIC FINISH
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SUBSTRATES

Cement, laminated cement boards, stone, brick, concrete and well-adhered, non-elastic plastic paints. Substrates must be sound, dry, cohesive, absorbent, well-adhered, clean and free of dust.

FEATURES

- Excellent workability.
- High build in a single pass.
- Thixotropic, with no sagging.
- Can be float-finished.
- Easy to mix.
- Available in white.
- Fast absorption, allowing an immediate second pass.
- Fibre-reinforced and water-repellent.
- Low shrinkage.
- High resistance to cracking.
- Weather- and carbonation-resistant.
- Permeable to water vapour.
- High mechanical strength.
- Excellent durability, even in aggressive environments.
- Delivers a fine, high-quality finish, both indoors and outdoors.

IDEAL FOR

- Repairing, smoothing and protecting façade elements: columns, ramps, beams, slabs, balcony fronts, cornices, etc.
- Cosmetic restoration of damaged concrete finishes.
- Repairing edges and re-profiling arrises and joints.
- Thin-coat rendering of vertical and horizontal elements.
- Skimming and levelling concrete surfaces in a vertical position.
- Repairing and filling honeycombing and spalled areas.

CE
17
TECNO PRODIST
EN 1504-3
R3



*Repairing and smoothing a balcony edge with
TECNOCEM COSMETIC*

CAN BE OVERPAINTED
With any conventional paint once fully dry (1)

CODE (EN 16566)
G3 S3 V3 W2 A1 C0 R0



TECNOCEM COSMETIC

SITE APPLICATION

SUBSTRATE PREPARATION

The substrate must be sound, clean and free from any trace of saltpetre, mould, micro-organisms, grease, form-release oils and, in general, any material that could impair proper adhesion of the product. We recommend roughening the substrate by mechanical means to give the mortar additional mechanical key.

CLEANING

Where substrates show signs of mould, algae or other micro-organisms, first carry out a curative treatment with a fast-acting anti-mould cleaner and, once fully dry, apply a broad-spectrum biocidal cleaner. Where substrates have hollows, these should be scraped back to a sound base and then treated with a primer to remove any dust residue.

HOW TO USE

Mix with clean water, by hand or with a mixer, at a ratio of around 30% until a thick, uniform paste is obtained (300 g of water per kilogram of powder). Leave to stand for five minutes.

Apply TECNOCEM COSMETIC with a trowel, pressing firmly to ensure the material is well compacted. For thicknesses greater than 5 mm, we recommend embedding an alkali-resistant glass-fibre mesh, laid after the first coat and fully covered by the final coat.

Never add water to a mortar that has gone past its working time. Do not re-temper. Finishing should be carried out with a float or trowel before the mortar begins to set. Protect from wind, frost and direct sunlight while curing.



Smoothing a concrete ceiling surface



Levelling a façade with TECNOCEM COSMETIC

**TECNOCEM COSMETIC****TECHNICAL CHARACTERISTICS**

The following values were obtained under standard laboratory conditions, on standardised substrates and at a reference application thickness.

TEST	RESULT
Working time	3 - 4 h
Coat thickness	Min. 1 mm / Max. 100 mm (filling and repairs)
Particle size (EN 12192-1)	1000 µm maximum
pH	12.5 - 13.5
Open time (EN 13294)	185' - 255'
Compressive strength (EN 12190)	≥ 25 MPa
Flexural strength (EN 12190)	≥ 4.5 MPa
Reaction to fire	A1
Shrinkage (EN 12617-4)	≥ 1.5 MPa
Expansion (EN 12617-4)	≥ 1.5 MPa
28-day adhesion (EN 1542)	≥ 1.5 MPa
Chloride content (EN 1015-17)	≤ 0.05 %
Crack resistance at 23 °C (EN 1062-7)	Class A1
Carbonation resistance (EN 13295)	Depth ≤ reference concrete MC0.45
Tool cleaning	With water while fresh. Once cured, mechanically only

ADHESION (2 mm coat)

TEST	RESULT
Initial adhesion (28 days)	> 1.1 N/mm ²
After immersion in water	> 0.6 N/mm ²
After heat ageing	> 1.5 N/mm ²

DENSITY AND YIELD

PROPERTY	VALUE
Powder density (g/ml)	1.05 ± 0.07
Paste density (g/ml)	1.79 ± 0.07
Yield (kg/m ² at 1 mm)	1.10 - 1.20

Note: indicative data obtained under standard laboratory conditions on standardised substrates; values may vary depending on site conditions (substrate absorption, thickness applied, temperature, ambient humidity, etc.).



TECNOCEM COSMETIC

PACKAGING



Supplied in a 20 kg bag



Supplied in a 10 kg bag



Supplied in a 10 kg tub

USEFUL INFORMATION

Production of the TECNOCEM range is controlled by batch, ensuring full traceability in the event of any issue. The quality system in place covers the design of each product as well as the checks carried out during manufacture, ensuring consistency in both production and the finished product.

- Non-flammable product. Irritant.
- Avoid contact of the product with skin and eyes.
- Smoking, eating and drinking are prohibited in the application area.
- Store the product in a dry place, in its original, properly sealed packaging.
- Store containers between 5 °C and 35 °C.
- Recommended maximum storage period: 6 months from the date of manufacture, in the original packaging and protected from moisture.

REMARKS

- Reading this technical data sheet beforehand is essential for correct use and application of the product.
- The data provided is indicative and should not be considered binding, as it may vary depending on site conditions.
- Do not apply to dirty or poorly bonded substrates. Do not re-temper the product once it has begun to set.
- Do not apply outdoors on days when rain or frost is likely. Do not apply below 5 °C or above 35 °C.
- Do not apply to extremely smooth surfaces, wood or plaster.
- Do not mix with any other material or add more water than recommended.
- Our technical sales team is on hand to advise you with any query.



MCERT
N.º de Certificado: 1508
ISO 9001:2015



MCERT
N.º de Certificado: 1502
ISO 14001:2015