



PROFLEX GRIS

DEFORMABLE ADHESIVE MORTAR FOR TILING

INTERIOR AND EXTERIOR

CLASS C2S ET

TECHNICAL DEFINITION.

PROFLEX is a class C2S adhesive mortar for the application of ceramic, baked clay, mosaic tiles of large and small sizes to interior and exterior walls and floors.

Suitable for the substrates described in the CPT documents, and in particular electric radiant flooring, the application of tiling over an unheated room without insulation, and the application of façade tiling to considerable heights (up to 28 meters).

COMPOSITION.

Grey cement, sand, high resin content and various additives.

ACCEPTED SUBSTRATES.

INTERIOR WALLS

- Shuttered concrete (3600 cm²).
- Cement render (3600 cm²).
- Rough mortar render (3600 cm²).
- Plasterboard (1100 cm²).*
- Cellular concrete (1100 cm²).*
- Paint (2000 cm²).*
- Tiling (2000 cm²).

EXTERIOR WALLS (Height limited to 28 m).

- Cement render (2000 cm²).
- Rough mortar render (2000 cm²).
- Concrete (2000 cm²).
- Paint (2000 cm²).**
- Tiling (2000 cm²).

ACCEPTED SUBSTRATES.

INTERIOR FLOORS

- Cement slab (3600 cm²).
- Cement screed (3600 cm²).
- Special floor plasterboard (2000 cm²).
- levelling compound (3600 cm²).
- Tiling (3600 cm²).
- Paint (3600 cm²).**
- Electric radiant heated flooring (2000 cm²).
- CTBH CTBX wooden panels (1100 cm²).
- Anhydride screed (2000 cm²).
- Parquet (1100 cm²).

EXTERIOR FLOORING

- Concrete slab (2000 cm²).
- Cement screed (2000 cm²).
- Smoothing filler (2000 cm²).
- Tiling (2000 cm²).

* With PRIM SM primer.

* With PRIMEO FB primer.

COVERINGS.

- Pressed or drawn sandstone (enameled or not).
- Pressed drawn baked clay (enameled or not).
- Porcelain.
- Mosiac.
- Stone cladding.

DIMENSIONS OF TILES.

Tile weight is limited to 40 kg/m².

The permissible surface for the tiles is indicated in the "accepted substrate" paragraph. However, a double application of adhesive will be necessary if:

- The tile surface is greater than 1100 cm² for interior flooring (500 cm² if the tiles are of low porosity).
- The tile surface is greater than 500 cm² for interior flooring (120 cm² if the tiles are of low porosity).
- Application will be for exterior flooring.

REFERENCE DOCUMENTS.

Technical prescriptions book (CPT) by CSTB.

TECHNICAL CHARACTERISTICS.

- Adherence when dry: > 1 MPa.
- Adherence after action of water: > 1 MPa.
- Mixing factor: 26 %.
- Practical working time: 4 hours.
- Time open: 30 min.
- Time of adjustment: 20 min.
- Waiting time before grouting: 24 hours.
- Time before putting into service: 24 hours.

ASSOCIATED PRODUCTS.

PRIM S.M. as adhesion primer. ANTI-HUMIDITE for substrates subject to occasional rising damp. KEDOJOINT FLEX for grouting.

PACKING.

25 kg bags.

STORAGE.

6 months in unopened original packing protected from damp.

DEFORMABLE ADHESIVE MORTAR

PROFLEX C2S class mortar is the highest performance SEMIN tiling adhesive mortar designed to meet all your requirements.

For facades and for applying low porosity tiling PROFLEX meets your needs.

ADVANTAGES

- Single component product.
- Flexible adhesive mortar.
- Extended adhesive open time (E) and resistance to slippage (T).

APPLICATION TIP

On all substrates liable to flex grout with KEDOJOINT FLEX.

Certificat CSTB N° 20 MC 170

APPLICATION

PRECAUTIONS FOR USE.

For flooring heating, turn it on, then off 24 ours before application and turn back on only 48 hours later.

Ensure that the substrates exposed to rising damp are sealed.

First apply our PRIM S.M. primer to anhydride screeds.

For application to a substrate with a flatness variation exceeding 7 mm under a 2 m rule first apply our KEDOPLAN SUPER levelling compound.

Do not apply to plaster or to a thin coat of filler.

Product labelled as hazardous. Contains cement: gloves should be worn. Refer to the safety label on the packaging. Observe the precautions for use and the safety advice. Safety data sheet available at www.quickfds.com, read before use.

PREPARATION OF SUBSTRATES BEFORE APPLICATION.

Allow the substrate drying times: 48 hours for cement render, 2 months after completion of carcass work for new concrete substrates.

In all cases, the substrates must be sound, clean, free of traces of oil and dust and mechanically strong.

The temperature of the substrate shall be no less than 5°C and no greater than 35°C.

In hot weather, or if the substrate is exposed to the sun or if it is too porous, dampen it or apply our PRIM S.M. primer.

Local unevenness can be smoothed with PROFLEX up to an 8 mm limit.

APPLICATION AND GLUING TYPE.

The application temperature shall be between 5 and 35°C.

Pour roughly 6.5 l. of water per 25 kg bag into a clean container, mix thoroughly, preferably with a mechanical mixer, and allow the adhesive to stand for 5 to 10 minutes.

Apply the adhesive roughly to the substrate using a trowel and spread uniformly with a serrated spatula ensuring that the covered surface does not take longer to tile than the adhesive open time.

CONSUMPTION.

Consumption depends on the application method and tool. As a general rule it is:

- Single application 4 kg/m².
- Double application 6 kg/m².

