

CERMIPLUS ECO

IMPROVED TILE ADHESIVE MORTAR - HIGH DEFORMABILITY – IMPROVED YIELD
NEW-BUILD AND RENOVATION WORKS - NORMAL OR FLUID CONSISTENCY



Grey White



DESCRIPTION

Tile adhesive with a double mixing ratio, for the laying of all ceramic and similar coverings (up to 3,600 cm² on interior floors and 8,100 cm² on exterior floors). Improved consistency allowing, where appropriate, single or double bedding.

Versatile for new-build and renovation.

AVANTAGES

- Time-saving.
- Many technical substrates for new build and renovation.
- Extended open time.
- Direct bonding onto existing tiles.
- Suitable for pools.
- Single or double bedding depending on mixing.

* Formula reducing dust emission during mixing by 70 to 85%

FIELD OF USE

Substrates compliant with current regulations, NF DTU 52.2 bonded tiling, CPT AT/DTA, professional rules ...

NEW

Interior Walls

- Shuttered (in-situ) or precast concrete.
- Cement-based render (CS IV).
- Single-layer render.
- Paper-faced plasterboard (water-repellent or not).
- Terracotta block partition.
- Autoclaved aerated concrete block (AAC).

Interior Floor

- Slab on ground.
- Concrete floors, slabs, screeds or cement-based renders.

Interior Other uses

- Ready-to-tilt panels (PPC) of the CERMIPLAK type.
- SPEC/SEL procedures: CERMICRYL, CERMICRYL TRAMÉ, MEMBRANE PPE, CERMITANCHE ST RAPID, CERMIMPER or CERMIPROOF ST.
- Sanded liquid waterproofing system (SEL).
- Lightweight screed and concrete.
- Dry screed (special floor panel).
- Calcium sulfate screed (anhydrite ...) after primer CERMIPRIM UNIVERSEL ECO, CERMIFILM.
- With CERMIFACE on CTBH, CTBS, CTBX and OSB3 panel floors.

Exterior Floor

- Slab on ground.
- Concrete floors and slabs.
- SEL: CERMIMPER or CERMIPROOF ST.
- Sanded liquid waterproofing system (SEL).

Private swimming pools, tanks, fountains (see pool advice sheet)

RENOVATION (interior)

Preliminary assessment and substrate preparation according to the CPT sols P3 rénovation and the CPT interior walls renovation.

Application without primer

- Existing ceramic coverings (floor & wall).

Application with primer CERMIPRIM UNIVERSEL ECO, CERMIGRIP OR CERMIPRIM RAPID (floor)

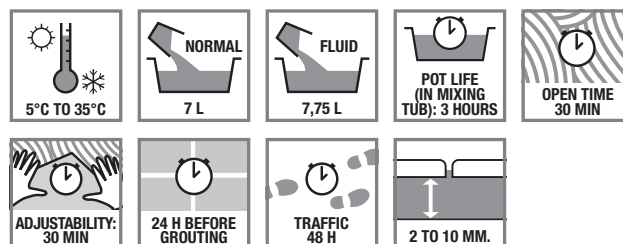
- Existing semi-flexible plastic tiles (floor).
- Remaining adherent traces of bituminous, neoprene or acrylic adhesives.
- Existing paints abraded on concrete and cement substrates.

ASSOCIATED COVERINGS Compliant with NF DTU 52.2.

- Stoneware: pressed stoneware, extruded stoneware, fine vitrified and porcelainised ceramic stoneware.
- Terracotta tiles for interior floor use only.
- Terracotta tile slips on interior walls.
- Miscellaneous: Briare, glass paste, faïence, slate (interior floor).
- Reconstituted pressed cement tiles.
- Natural stone (marble, granite, lava stone, etc.), assessing the risk of tile staining (CGM of DTU 52.2). Using the white version reduces this risk.
- Areal mass limited to 40 kg/m² on walls.

APPLICATION

Note: The following is a typical description of the application. If site conditions differ, contact our technical service.



REQUIRED TOOLS

Notched trowel appropriate for the use and powder consumption, mixing tub, measuring bucket, tiler's trowel, tile beating block, variable-speed mixer (low speed).

SUBSTRATE PREPARATION

The substrate must be sound, clean, durable, free of dust, degreased and abraded, not releasing moisture, with flatness:

	Size ≤ 3 600 cm ²		Oblong size and Size > 3 600 cm ²	
	Under 2 m	Under 20 cm	Under 2 m	Under 20 cm
INDOOR WALLS				
INDOOR FLOOR	≤ 5 mm	≤ 2 mm		
OUTDOOR FLOOR			≤ 3 mm	≤ 1 mm

To achieve these levels of flatness, the application of a patching compound will be necessary: RAGREMAX ECO, RAGREFOR, RAGRESOL ECO...

PRODUCT PREPARATION

Mix:

- Approximately 7 (±0.375) litres of water per 25 kg of powder for use at normal consistency.
- Approximately 7.75 (±0.375) litres of water per 25 kg of powder for use at fluid consistency.

Obtain a homogeneous mixture. Let stand for 5 minutes before use.

APPLICATION

Spread CERMIPLUS ECO in a uniform layer on the substrate. Proceed with single or double bedding as appropriate (see consumption table). Level the thickness using the appropriate notched trowel for the tile size. Within the open time, press the tiles to completely collapse the grooves and ensure good adhesive transfer. Remove any adhesive that has squeezed up between the tiles. Observe movement joints (DTU 52.2): expansion, crack-control, shrinkage, perimeter and abutment.

FINISHES

Réalisation des joints 24 h après la pose.

- Application temperature: +5 to +35°C
- Rest time before spreading: 5 min
- Practical working time (pot life in mixing tub): 3 hours
- Practical open time: 30 min
- Time for adjustments: 30 min
- Waiting time before grouting: 24 hours
- Time before foot traffic is permitted: 48 hours
- Pool filling: 7 days after grouting

Values obtained in the laboratory at 23°C and 50% RH, according to the applicable standard. These times will be shorter at higher temperatures and longer at lower temperatures.

CLEANING AND MAINTENANCE

Clean tools with water after use and before the adhesive sets.

REMARKS

Do not lay on a frozen, thawing or hot substrate. Work protected from draughts. Tiles must be perfectly clean and washed if necessary. In very hot weather, dampen the substrate beforehand and work out of direct sunlight.

Can level out irregularities up to 10 mm (the day before laying the tiles). For underfloor heating, use CERMIPLUS XL FLEX 2.0, CERMIPLUS XL FLEX ECO, CERMIFLEX, CERMIFLEX ECO, CERMIFLEX XTREM.

NB: CERMIBOOK contains numerous technical guidance sheets to consult: laying on wooden floors, anhydrite screed, existing tiling, ...

TECHNICAL SPECIFICATIONS

APPEARANCE – COMPOSITION

Hydraulic binder, specially graded sands, resin, specific admixtures.

CONSUMPTION in kg/m² of product

Values do not take into account the condition of the substrate nor that of the back of the tiles, whose imperfections may increase adhesive consumption.

Normal consistency

Areas cm ²	S ≤ 300	300 <S≤ 500	500 <S≤ 1 200	1 200 <S≤ 2 200	2 200 <S≤ 3 600	3 600 <S≤ 8 100 ⁽³⁾
INDOOR WALLS	3,5 (U6)	3,5 (U6) ⁽¹⁾	7 (U9)	7 (U9)		
INDOOR FLOOR	3,5 (U6)	4,5 (U9)	4,5 (U9) ⁽¹⁾	7 (U9)	8 (E10)	
OUTDOOR FLOOR ⁽²⁾	5 (U6)	7 (U9)	7 (U9)	8 (E10)	8 (E10)	8 (E10) ⁽³⁾

Fluid consistency

Areas cm ²	S ≤ 300	300 <S≤ 500	500 <S≤ 1 200	1 200 <S≤ 2 200	2 200 <S≤ 3 600	3 600 <S≤ 8 100 ⁽³⁾
INDOOR FLOOR	3,5 (U6)	4,5 (U9)	4,5 (U9)	7 (U9)	8 (E10)	
OUTDOOR FLOOR ⁽²⁾	5 (U6)	7 (U9)	7 (U9)	8 (E10)	8 (E10)	8 (E10) ⁽³⁾

Double bedding Not intended for use

The E10 notched trowel measures 8x10x20 mm.

(1) Double bedding for low-porosity tiles (DTU 52.2): an additional consumption of 1 to 1.5 kg/m²

(2) Outdoors, on a substrate compliant with the DTU with a slope ≥ 1.5 cm/m

(3) Ceramic tiles only. Natural stone: contact us

REFERENCE DOCUMENTS

Compliant with the EN 12004 standard

DTU 52-2, corresponding amendments, the Technical Specification

Notebooks and Professional Rules in force.

QB certified by the CSTB: 06 MC 627

Refer to the QB certificate for the fields of application and associated products.

PACKAGING

25 kg bag.

STORAGE & PRESERVATION

1 year in its unopened original packaging, protected from moisture.

SAFETY PRECAUTIONS

- INDOOR AIR EMISSIONS (1): Information on the level of indoor air emissions of volatile substances presenting an inhalation toxicity risk, on a class scale from A+ (very low emissions) to C (high emissions).
- Consult the Safety Data Sheet on the website www.quickfds.fr or on request from CERMIX France.
- Always wear personal protective equipment (PPE) in accordance with applicable directives and legislation.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

This technical document may be updated; it is the user's responsibility to check systematically whether a newer version is available on our website www.cermix.com. It is the applicator's responsibility to verify the compatibility and suitability of the products for carrying out the work. Tests may be carried out beforehand to confirm the proper behaviour of the products.