

KLEEFCEMENT PLUS

CE 06	
COMPAKTUNA® bv/srl INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT – BELGIUM	
1136	
012/CPR/130701	
EN 12004+A1	
KLEEFCEMENT PLUS (grijs)/ CIMENT-FORT PLUS (gris)	
Cementitious adhesive/floors and walls/internal and external	
Bond strength as:	
- Initial tensile adhesion strength (28 days)	≥ 0,5 N/mm²
Durability for:	
- Tensile adhesion strength after heat ageing	≥ 0,5 N/mm²
- Tensile adhesion strength after water immersion	≥ 0,5 N/mm²
- Tensile adhesion strength after freeze-thaw cycles	≥ 0,5 N/mm²
Release of dangerous substances	See SDS

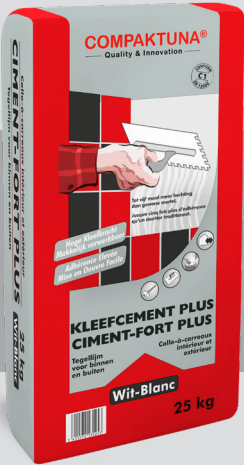


+30 °C

+5 °C

CHARACTERISTICS

Cement based tile adhesive,
indoor and outdoor



KLEEFCEMENT PLUS is a dry composition that produces a ready-to-use adhesive by simply adding water. This adhesive ensures adhesion that exceeds that of traditional mortar by five to six times after seven days of hardening. Apart from this absolute certainty in terms of adhesion, KLEEFCEMENT PLUS has an exceptional workability..

Due to its simplicity and proven composition, KLEEFCEMENT PLUS allows for quick installation with maximum efficiency.

With KLEEFCEMENT PLUS the following materials can be bonded both indoors and outdoors, such as faience, ceramics, mosaic, and this on a surface such as concrete, masonry, cement work, cellular concrete..

The use of KLEEFCEMENT PLUS is not recommended on the following surfaces: gypsum plasters, sprayed plaster, etc., wood fibre boards, veneer boards, etc. which can undergo changes in shape due to humidity and are not sufficiently coherent. The use of FLEXcement®, FLEXcement® PLUS, FLEXcement® COMFORT and FLEXcement® PREMIUM are recommended in such cases.

Technical characteristics	Meets requirement according to NBN EN 12004 MPa (N/mm²)
Initial adhesion (C1)	≥ 0,5
Adhesion after immersion in water (C1)	≥ 0,5
Adhesion after aging at +70 °C (C1)	≥ 0,5
Adhesion after freeze-thaw cycles (C1)	≥ 0,5
Adhesion after open time of 20 minutes	≥ 0,5

Mixing ratio	Consumption	Packaging
±5.75 L water per 25 kg bag (±23%)	±1,5 kg/mm² in powder	25 kg PE
Colour	Processing time	Application temperature
Grey and white	±3 hours	+5 °C to +30 °C

KLEEFCEMENT PLUS

DIRECTIONS FOR USE

Always work on a clean, healthy, dust- and oil-free substrate that can no longer undergo any changes in shape (e.g. shrinkage). KLEEFCEMENT PLUS is prepared with approximately 23% water, i.e. approximately 5.75 L of water for 25 kg of product. After careful mixing, the resulting mortar is allowed to rest for 5 to 15 minutes. The mortar is then stirred intensively again.

The mortar is now ready for use. First apply a thin layer to the substrate with a trowel or notched trowel. This layer is pressed firmly. Immediately apply a second layer, which is distributed in regular ridges with a notched trowel (4 to 10 mm adhesive comb). Then the tiles are pressed firmly with a small rotating movement. The open time of the applied layer depends on the working conditions and the substrate.

The jointing (JOINT HY, JOINT HY PREMIUM or JOINT BREED SP) is only carried out when the adhesive has sufficient resistance (depending on temperature and humidity - wait at least 24 hours).

REMARKS

- The contact surface between tiles and adhesive must be at least 80%. For outdoor applications and heavily loaded surfaces, full bonding is recommended.
- The joint construction is designed in such a way that any tensions (e.g. as a result of dilatation) can be absorbed by the tile surface. Clamping against ceiling, floor, columns, etc. must be avoided; expansion joints in the support surface must be repeated in the tile surface. All these joints are sealed with an elastic joint sealant SILICONE SN & NA.
- In some cases a base coat with COMPAKTUNA®/water solution (1/4) or PRIMER PO may be necessary.
- Protect drying tile adhesive from frost, precipitation, strong wind and direct sunlight.
- The works must be protected from cold, driving rain and wind.

PACKAGING

KLEEFCEMENT PLUS is available in grey and white, in bags of 25 kg. Each paper bag of 25 kg contains a polyethylene layer. The shelf life is 12 months in the original, closed packaging and stored dry.

