COMPAKTUNA®

VARIOFLEX

Flexible tile adhesive for bonding ceramic tiles

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COMPAKTUNA® bv/srl
INDUSTRIEPARK ZWIJNAARDE 6
9052 GENT – BELGIUM
1136

065/CPR/171017

EN 12004 :2007+A1 :2012

VARIOFLEX

Cementitious adhesive/floors and walls/internal and external

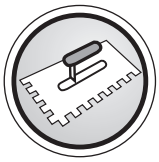
Bond strength as: - Initial tensile adhesion strength (28 days)	≥ 1 N/mm²
Durability for: - Tensile adhesion strength after heat ageing - Tensile adhesion strength after water immersion - Tensile adhesion strength after freeze-thaw cycles	≥ 1 N/mm² ≥ 1 N/mm² ≥ 1 N/mm²



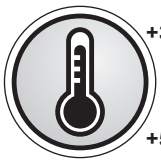
CONFORM C2 TE NBN EN 12004











APPLICATIONS

For bonding faience, ceramic tiles and mosaic
It is possible to glue following materials, both indoors and outdoors: faience, ceramic, mosaic, etc... and this on surfaces such as concrete, masonry, cementing work, cellular concrete, cement screed and gypsum.

The glueing on gypsum blocks and gypsum plaster work is possible after a pretreatment with a COMPAKTUNA® / water solution (1/4) or with PRIMER PO.

VARIOFLEX can be used for bonding tiles with a maximum size of 60 x 60 cm to a cement screed. For bonding on a heated cement screed, a maximum tile size of 40 x 40 cm is maintained.

VARIOFLEX is an easy-to-use glue that can very easily be spread. Due to its excellent standing power, it is very well appropriate for glueing onto walls. Also 24 hours after installation, the adhesive has sufficiently cured to be able to enter the room and to joint the tiles.

For the installation of natural stone, we recommend that the entire slab should be coated with glue and not with nubs. For certain types of natural stone, e.g. marble, we recommend working with FLEXcement® white, DIKBED-FLEX white or FLEXcement® RAPID white.

Technical characteristics	Corresponds to the requirements according NBN EN 12004+A1:2012
Initial tensile adhesion strenght (C2)	≥ 1 (N/mm²)
Tensile adhesion strenght after water immersion (C2)	≥ 1 (N/mm²)
Tensile adhesion strenght after heat ageing + 70°C (C2)	≥ 1 (N/mm²)
Tensile adhesion strenght after freeze-thaw cycles (C2)	≥ 1 (N/mm²)
Open time: tensile adhesion strenght after 20 min.	≥ 0,5 (N/mm²)
Extended open time: tensile adhesion strenght after 30 min. (E)	≥ 0,5 (N/mm²)
Slip resistance (T)	≤ 0,5 mm

Mixing ratio	Consumption	Packaging
±6.5 litres of water per bag of 25 kg (approx. 26%)	±1,4 kg/mm/m² in powder form	25 kg PE
Colours	**Processing time**	**Application temperature**
Grey	±3 hours	+5 °C tot +30 °C

VARIOFLEX

DIRECTIONS FOR USE

It is recommended to prime gypsum and absorbent substrates beforehand with PRIMER PO or a dilution of COMPAKTUNA® (1 part COMPAKTUNA® for 4 parts water). The substrate must always be dry, stable and clean. Remove all impurities and dust by vacuuming.

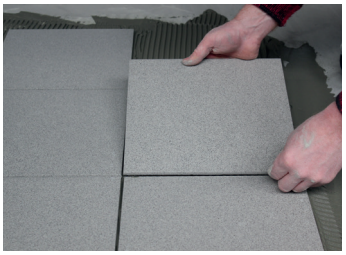
A bag of VARIOFLEX is mixed with ±6.5 litres of water. Place the amount of water in a mixing vessel and add the bag of dry powder, which is intensely mixed with a slowly rotating mixer until a homogeneous mixture is obtained. After a 5 minute rest period, the adhesive is mixed again.

Use a 4-10 mm glue comb. Apply the adhesive to the substrate with the non-toothed side of the glue comb and press firmly onto the substrate. Then divide the adhesive into beads and apply the tile in the still fresh adhesive beads with a small rotating movement and press firmly. The opening time of the applied layer depends on the working conditions and the substrate. Grouting (JOINT HY or JOINT BREED SP) is carried out only when the adhesive has sufficient resistance (depending on temperature and humidity - wait at least 24 hours). For tiles with a surface area from 30 x 30 cm, it is recommended to apply adhesive to the back of the tile as well.











REMARKS

- The contact area between tile and adhesive should be at least 80%. A full adhesive coating is recommended for outdoor applications and heavy-duty surfaces.
- The construction of the joints is conceived in such a way that occurring stresses (e.g. due to expansion) can be absorbed by the tile surface. Restraints against the ceiling, floor, columns, etc. should be avoided; expansion joints in the supporting surface should be copied in the tile surface. All these joints are to be sealed with an elastic jointing kit, SILICONE SN & NA.
- In certain cases, a primer coating of COMPAKTUNA® / water solution (1/4) or of PRIMER PO can be necessary.
- For non-compatible substrates, such as an anhydrite screed, after drying (the maximum mass moisture content should be 0.3%) and any pretreatment (sanding, ask the supplier of the screed for advice) the substrate must be pre-treated with a COMPAKTUNA® water solution (1/3) or with PRIMER PO. Then wait 24 hours before starting the adhesive coating.
- Protect drying tile adhesive against frost, precipitation, strong wind and direct sun.
- The works must remain protected from cold, driving rain and wind.

CHARACTERISTICS

- Classification C2 TE according to NBN EN 12004+A1:2012
- Consumption: from ±1,4 kg powder/mm thickness and per m²
- Mix with ±6,5 L water per bag of 25 kg
- Processing time: ±3 hours
- Open time: 30 minutes
- Application temperature: from +5 °C to +30 °C, applicable for tile, mixing water, environment and subsurface
- Can be walked on and grouted after 24 hours

PACKAGING

VARIOFLEX is available in grey colour in polyethylene bags of 25 kg. The shelf life is 12 months in the original, closed packaging and kept dry.

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As the applications of our products are diverse, no single application guideline can be laid down. All product data refl ect the state of knowledge of our products at the time of publication. Therefore all suggestions and recommendations concerning the use of our products are merely illustrative. Apply the product on a small and insignifi cant spot before starting to use our products to be sure the desired result is obtained. Always ask for the technical sheet of our products. Visit the website www.compaktuna.be. Consult our “technical department” which can be reached for free on the green number 0800/92279. The Dutch text shall be exclusively binding. Version 10/02/2014. **COMPAKTUNA BV is EN ISO 9001 certified.**

COMPAKTUNA®
Quality & Innovation

A MEMBER OF HOLCIM GROUP

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