COMPAKTUNA®

BETOFINISH GL

Leveling mortar

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COMPAKTUNA® bv/srl
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9052 GENT – BELGIUM

310/CPR/130701

EN 1504-3:2006

BETOFINISH GL

Mortar based on hydraulic cement (PCC) for non-structural repair of concrete structures

Compressive strength:	Class R1
Chloride ion content:	≤ 0,05%
Adhesive Bond:	≥ 0,8 MPa



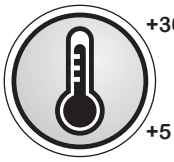
CHARACTERISTICS











BETOFINISH GL is a dry composition that, with the simple addition of water, creates a paste-like mortar for smoothing, repairing, leveling, and locally repairing walls and ceilings made of decorative concrete, concrete elements, cement plasters, lime/cement plasters, and uneven masonry.

BETOFINISH GL consists of selected types of sand and cement, enriched with chosen additives that provide the product with very high performance characteristics. BETOFINISH GL can be used for smoothing the interior walls of aerated concrete, silicate stone, etc.

BETOFINISH GL can be used both indoors and outdoors.

For extra adhesion, flexibility, waterproofing, and durability, it is recommended to mix BETOFINISH GL with a solution consisting of 1 part COMPAKTUNA® PRO and 4 parts water. This extends the working time, makes the mortar easier to process, and allows work on porous substrates without the need to apply a primer first.

Technical characteristics	BETOFINISH GL Measured values	BETOFINISH GL mixed with COMPAKTUNA® PRO 1/4
Compressive strength after 7 days after 28 days	 ca. 8 N/mm² ca. 18 N/mm²	 ca. 9N/mm² ca. 21 N/mm²
Flexural strength after 7 days after 28 days	 ca. 2,8 N/mm² ca. 5 N/mm²	 ca. 3,1 N/mm² ca. 6,5 N/mm²
Adhesion to concrete after 28 days	 ca. 1,7 N/mm²	 ca. 2,8 N/mm²

Mixing ratio	Consumption	Packaging
±6,4 L water per 20 kg bag (±32% water)	±1,5 kg/mm/m² in powder	20 kg PE
Colour	**Processing time**	**Application temperature**
Grey	±45 min.	+5 °C to +30 °C

BETOFINISH GL

DIRECTIONS FOR USE



1. Substrate

Work is always performed on a rough, clean, sound, dust- and oil-free surface that is free of loose particles. Absorbent surfaces are moistened and pre-treated with a COMPAKTUNA®(PRO)/water solution (1/4) or with PRIMER PO. Suitable surfaces include brick masonry, lightweight bricks, concrete surfaces, cast concrete, aerated concrete, etc. Do not apply on gypsum-based surfaces. It is necessary to completely remove rust from reinforcement steel, for example, using a steel brush, and it must be treated with a corrosion-resistant agent.



2. Application

BETOFINISH GL is mixed with approximately 32% water, which means about 6.4 liters of water per 20 kg bag, depending on the desired consistency. Do not mix more than what can be used within the working time. Pour the required amount of water into a mixing tub and slowly and evenly add the dry powder. Mix the entire mixture intensively with a slow-turning mixer for about 2 minutes until a lump-free, homogeneous mass is achieved. Let the mortar rest for 2 minutes, then mix it again intensively. Apply the mixed mortar manually using a trowel to the surface. First, apply a thin layer with a trowel or spatula. This layer should be pressed firmly. Then, apply a second layer.



REMARKS

- The maximum total layer thickness of BETOFINISH GL is 5 mm.
- BETOFINISH GL is applied in 1 or 2 layers, depending on the desired layer thickness; for 2 layers, the first layer is treated with a COMPAKTUNA® (PRO)/ water solution (1:4) or with PRIMER PO.
- The application temperature is from +5°C to +30°C (for both the substrate and the environment).
- Protect drying mortar work from frost, precipitation, strong winds, and direct sunlight. During curing, protect BETOFINISH GL from drying out by covering it with plastic film or by regularly keeping it moist with a fine water mist.
- BETOFINISH GL is an ideal surface for tiling, plastering, decorative plasters, paint, etc.
- BETOFINISH GL can be used as a final layer.
- The working time of BETOFINISH GL is 45 minutes.
- For layers from 5 to 10 mm, you can add 1/5 volume of sand (i.e., 20% washed sand, grain size 0-4 mm) to 1 volume of BETOFINISH GL.
- See also our products PUTZUNA® BA-W and PUTZUNA® HY.

PACKAGING

BETOFINISH GL is available in a gray color in polyethylene bags of 20 kg. The shelf life is 12 months in the original, sealed packaging and stored in a dry place.

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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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