COMPAKTUNA®

BETON FIX RAPID

Quick-setting concrete mortar



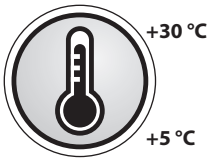












CHARACTERISTICS

BETON FIX RAPID is a dry, ready-to-use concrete mortar that can be processed by pouring in water, no mixing is required. BETON FIX RAPID can also be mixed in a tub, and this as long as the mixing time does not exceed 5 minutes, and the mortar is applied within 15 minutes mixing included.

BETON FIX RAPID is made up of cement, choice quartz sands, gravel, and high quality additives. BETON FIX RAPID automatically absorbs the required volume of water. BETON FIX RAPID is used for fixing posts into the ground, for fences, swings, traffic signs,...

BETON FIX RAPID can be used for the quick casting of small elements where early or quick stripping after 30 minutes is possible. Possibilities include e.g. pedestals of letterboxes, small pergolas, garden parasols, garden ornaments, fixing of clock grids, hobby projects, ...

CONSUMPTION INDICATION

INDICATION CONSUMPTION IN KG PER 10 CM DEPTH

Width square hole in the ground	Ø round post			Ø square post		
	5 cm	7,5 cm	10 cm	5 cm	7,5 cm	10 cm
15 cm	3,5	3,1	2,5	3,4	2,9	2,1
20 cm	6,5	6,0	5,5	6,4	5,8	5,1
25 cm	10,3	9,9	9,3	10,2	9,7	8,9
30 cm	15,0	14,5	14,0	14,9	14,3	13,6
40 cm	26,9	26,4	25,9	26,8	26,2	25.5

Technical characteristics		Measured values in MPa (N/mm²)
Compressive strength	after 7 days after 28 days	approx. 25 approx. 30
Flexural strength	after 7 days after 28 days	approx. 4 approx. 5

Mixing ratio	Consumption	Packaging
Fill the hole in the ground with clean water halfway, add the dry concrete mixture	1 bag gives ±15 L concrete mortar (refer to table)	25 kg PE
Colours	**Processing time**	**Compressive strength**
Grey	±15 min.	After 28 days: ±30 N/mm²

(*): Using determination on prisms 4*4*16 cm with 13% water.

BETON FIX RAPID

INSTRUCTIONS APPLICATION 1: FOR USE WHEN POURED INTO WATER

Preparation
Dig a hole in the ground with the desired dimensions for placing a post.

Processing
Fill the hole in the ground with clean water halfway. Place the post in the hole in the ground. Pour BETON FIX RAPID from the bag into the water around the post until the hole in the ground is completely filled and the powder no longer absorbs water (add water if necessary).

Final treatment
The concrete is covered with some of the removed earth.

INSTRUCTIONS APPLICATION 2: FOR USE WHEN MIXING IN THE TUB

Apply 3,25 L of pure water to the mixing vessel, and pour the bag of BETON FIX RAPID into the water. Mix for 3 minutes with a slow-running mixe, and apply the mortar within 15 minutes from the beginning of mixing. Before the mortar starts binding (maximum 15 minutes after mixing), the surface can still be smoothed with a trowel. 15 minutes after mixing, the mortar hardens, and should not be moved.

REMARKS

- The processing temperature is from +5 °C to +30 °C (this applies to the surface as well to the ambient temperature around)
- Do not use a concrete mixer
- It is necessary to protect drying concrete against frost, rain, high winds and exposure to direct sunlight.
- Correction time: up to 15 minutes after mixing.
- For pouring reinforced and non-reinforced concrete structures, floors, foundation slabs, lintels, column bases, tiles, ornamental elements, and for repair of floors, use BETON ST.
- When pouring elements, structures requiring several packages, ensure that the total amount of concrete mortar required can be processed within the maximum time of 15 minutes so that a contiguous homogeneous concrete mortar mass is obtained.
- A cast element is more durable if protection against water absorption is provided. For optimal results, use the recommended maximum water quantity of 3.25 L per 25 kg and compact the concrete mortar.
- The maximum processing time of BETON FIX RAPID is 15 minutes at +20 °C. The curing time of BETON FIX RAPID is temperature-dependent; a higher temperature will shorten the processing time, a lower temperature will delay hardening.
- BETON FIX RAPID is only suitable for non-structural construction outside EN 206.

PACKAGING

BETON FIX RAPID is available in a 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.**

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Quality & Innovation

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