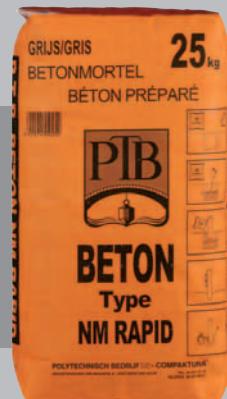


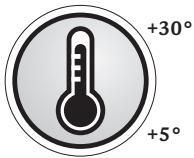


P.T.B.- BETON Type NM RAPID

Concrete mortar



Characteristics



P.T.B.-BETON NM RAPID is a dry, ready-for-use concrete mortar. Its prime characteristic is that it can be processed by pouring it out in water and does not need any mixing.

P.T.B.-BETON NM RAPID is made up of cement, choice quartz sands, gravel, and high quality additives.

P.T.B.-BETON NM RAPID automatically absorbs the required volume of water.

P.T.B.-BETON NM RAPID is used for fixing posts into the ground, for fences, swings, traffic signs, and the like.

Mixing ratio	Consumption	Packaging
Fill the pit with clean water halfway, add the dry concrete mixture	1 bag gives \pm 10 l concrete mortar (refer to table)	25 kg
Colours	Processing time	Compressive strength
grey	\pm 5 min.	after 28 days: \pm 15 N/mm ²

P.T.B.-BETON Type NM RAPID

Directions for use

1. Preparation

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

2. Processing

Fill the hole with clean water halfway.

Position the post into the hole.

From the bag, pour the P.T.B.-BETON NM RAPID around the post into the water until the hole is completely filled and the powder no longer absorbs water (if required, add water as needed). If desired, smoothen out the finished surface immediately with a mason's float. P.T.B.-BETON NM RAPID hardens within 5 minutes so that the post does not need to be shored up by props.

3. Final treatment

The concrete is covered over with part of the earth removed from the hole.



Remarks

The processing temperature is from +5°C to +30°C (this applies to the surface as well to the ambient temperature around)

It is necessary to protect drying concrete against frost, rain, high winds and exposure to direct sunlight.

P.T.B.-BETON NM RAPID can be used up to 5 minutes following its preparation.

For pouring re-enforced and non-re-enforced concrete structures, floors, foundation slabs, lintels, column bases, tiles, ornamental elements, and for repair of floors, use P.T.B.-BETON type ST.

Packaging

P.T.B.-BETON NM RAPID is available in bags of 25 kg. Each bag contains a polyethylene inner bag that is a guarantee for long-term keeping.

Indication of quantity used

Quantity used in kg per 10 cm depth of a square hole

Width	Posts					
	Circular Ø			Square		
	5 cm	7,5 cm	10 cm	5 cm	7,5 cm	10 cm
15 cm	4,3	4,1	3,7	4,0	3,4	2,5
20 cm	7,8	7,6	7,2	7,5	6,9	6,0
25 cm	12,3	12,1	11,7	12,0	11,4	10,5
30 cm	17,8	17,6	17,2	17,5	16,9	16,0

Refer to clause p. 2.