



PUTZUNA® BA-W

Lime/cement based water repellent plaster layer



CE		
POLYTECHNISCH BEDRIJF BVBA/SPRL – P.T.B.-COMPAKTUNA® INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT – BELGIUM		
11 052/CPR/130701 EN 998-1 PUTZUNA® BA-W Algemeen toepasbare pleietermortel Mortier d'enduit tout usage General purpose plastering mortar Normalputzbrötel Type GP		
Wateropname (capillaire) / Absorption d'eau (capillaire) / Wasseraufnahme (kapillare) / Water absorption		W2
Waterdampdoorlaatbaarheid (μ) / Resistance à la diffusion de vapeur (μ) / Wasserdampfdurchlässigkeit (μ) / Water vapor diffusion coefficient		25
Treksterkte (aanhechting) / Adhärence / Heftzugfestigkeit / Adhesion	≥ 0,5 N/mm²	(breukvlak type B) (PF type B) (Bruchbild type B)
Warmtegeleiding (λ) / Conductivité thermique (λ) / Wärmeteilfähigkeit (λ) / Thermal conductivity	(λ _{10,25})	0,76 W/m.K (Tab. Value)
Brandklasse / Réaction au feu / Brandverhalten / Reaction to fire		F



Characteristics

PUTZUNA® BA-W is a dry, ready-for-use lime/cement-based plaster layer, suitable for indoor and outdoor applications. PUTZUNA® BA-W consists of cement, lime, selected quartz sand, and high quality additives. By the simple addition of water, a plastering layer of high finished resistance is obtained. PUTZUNA® BA-W is characterised by such primary properties as its very good workability and its excellent adhesion, PUTZUNA® BA-W is used for smoothing out vertical surface areas such as masonry work, concrete structures,



+30°

+5°

Mixing ratio	Consumption	Packaging
± 4,50 to 4,90 l water per bag van 25 kg (±18 to 19,5 % water)	± 1,8 kg/mm per m ²	25 kg
Colours	Processing time	Application temperature
Grey	± 1h30	+ 5 °C till + 30 °C (surface & ambient around)

Directions for use

1. Substrate

The application shall be carried out on a non-frozen, clean, well-maintained surface free of dust and oil spots and bits of loose substances. Porous surfaces need to be lightly dampened prior to application with a layering of COMPAKTUNA® (PRO)/water solution (1/4) or with P.T.B.-PRIMER. Suitable surfaces are masonry work, quick-setting bricks, concrete surfaces, foamed concrete ...

Do not apply onto gypseous surfaces.

2. Processing

Adhesive layer

We recommend to apply first an adhesive layer on the surface, consisting of PUTZUNA® BA-W mixed with COMPAKTUNA® (PRO)/water solution of 1 to 1 until a thick spreadable mixture is achieved, that is ± 23 % water ($\pm 5,5$ L water per bag of 25 kg). Let the adhesive coating set before commencing with the work. For smooth substrates (for instance, concrete), one can also use BETOPRIMER as an adhesive coating.

Plaster

PUTZUNA® BA-W is mixed with $\pm 18\%$ to $19,5\%$ water, that is $\pm 4,50$ to $4,90$ L water per bag of 25 kg, depending on the desired consistency. Per bag of 25 kg, pour the necessary volume of water in a mortar mixer and add the dry plaster slowly and in uniform quantities. With a slowly rotating mixer, blend the mixture vigorously for ± 2 minutes until a homogeneous mass of smooth and even consistency without clots results. Let the plaster settle for 2 minutes and then stir again vigorously.

Finally, apply the mortar either manually with a mason's float or by means of a mechanical plastering machine onto the surface. Distribute PUTZUNA® BA-W with a smoothing board and smooth out to the desired thickness. When the cement plaster has set, the surface can be smoothed out evenly with a plastic float by using a rotating action. If desired, the surface can be finished by working it over with a mason's float until a totally level surface is obtained.

Remarks

- PUTZUNA® BA-W is applied in 1 or 2 layers, depending on the desired thickness for the layer; in the case of 2 layers, the first layer is left rough.
- The maximum total thickness of the PUTZUNA® BA-W layer is 30 mm, with a maximum thickness per layer of 15 mm.
- It is necessary to protect drying cement work against frost, rain, high winds, and exposure to direct sunlight. During the hardening time, protect PUTZUNA® BA-W against its drying out by covering it with a plastic sheet of foil or by keeping it moist by means of a fine spray mist.
- PUTZUNA® BA-W is an ideal surface for tiles, gypsum, decorative plastering work, paints, and the like. PUTZUNA® BA-W can be used as a final layer.
- The processing time for PUTZUNA® BA-W is 1 hour and 30 minutes.

Packaging

PUTZUNA® BA-W is available in bags of 25 kg. Every bag contains a polyethylene inner bag that guarantees long-lasting conservation.

