

COMPAKTUNA®

PUTZUNA® BA-W

Water-repellent plaster

CE 11	
COMPACTUNA® bv/srl INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT – BELGIUM	
052/CPR/220121 EN 998-1 PUTZUNA® BA-W General purpose plastering mortar, Type GP	
Water absorption	W _c 2
Adhesion	≥ 0,5 N/mm²



CHARACTERISTICS



PUTZUNA® BA-W is a dry, ready-to-use plaster based on lime/cement, suitable for both indoor and outdoor applications.

PUTZUNA® BA-W consists of cement, lime, selected quartz sands, and high-quality additives. By simply adding water, you get a plaster with high final strength.

The main properties of PUTZUNA® BA-W are excellent workability and outstanding adhesion.

PUTZUNA® BA-W is used for leveling vertical surfaces such as masonry, concrete structures, etc.

PUTZUNA® BA-W is specifically designed for continuous spraying with a flow mixer.

PUTZUNA® BA-W can be classified as CS IV WC2.

Technical characteristics	Category and values according to NBN EN 998-1
Compressive strength (after 28 days)	CS IV ≥ 6 MPa
Tensile strength (adhesion)	≥ 0,5 N/mm² (*)
Water absorption (capillary)	W _c 2 ≤ 0,2 kg/m²·min ^{0,5}
Water vapor permeability μ	≤ 25
Thermal conductivity λ	≤ 0,61 W/m.K

* fracture surface type a

Mixing ratio	Consumption	Packaging
±4,5 L to 4,9 L water per 25 kg bag (±18 to 19,5% water)	±1,6 kg/mm² in powder	25 kg
Colour	Processing time	Application temperature
Grey	±1u 30 minutes	+5 °C to +30 °C (substrate and environment)

DIRECTIONS FOR USE

1. Substrate

Work should always be performed on a stable, rough, clean, healthy, dust- and oil-free substrate that is free from loose particles. Absorbent substrates should be pre-treated with a COMPAKTUNA® (PRO)/water solution (1/4) or primed with PRIMER PO. Suitable substrates include those with at least the same resistance, such as brick masonry, aerated concrete, concrete surfaces, poured concrete, etc. Not suitable for use on gypsum-based substrates, aerated concrete, lightweight insulating stones, or insulation panels such as XPS, EPS, etc.

2. Application

Bonding layer: We recommend applying a bonding layer to the substrate beforehand, made from PUTZUNA® BA-W mixed with a COMPAKTUNA® (PRO)/water solution in a 1:2 ratio until a thick, spreadable paste is achieved, i.e., with approximately 23% mixing liquid (= approximately 5.5L mixing liquid per 25 kg bag). Allow the bonding layer to set before proceeding with further work. It is advisable to comb the bonding layer.

Plaster

PUTZUNA® BA-W is mixed with approximately 18% to 19.5% water, i.e., approximately 4.5L to 4.9L of water per 25 kg bag, depending on the desired consistency. For each 25 kg bag, add the necessary amount of water into a mortar tub and slowly and evenly add the dry plaster. Mix the entire mixture for approximately 2 minutes using a slow-turning mixer until a lump-free, homogeneous mass is achieved. Let the plaster rest for 2 minutes, then mix it again intensively.

The mixed mortar can either be applied manually with a plastering trowel or mechanically with a plastering machine to the substrate. PUTZUNA® BA-W can also be continuously sprayed using a flow mixer. Spread and level PUTZUNA® BA-W with a screed or straightedge to the desired thickness. Once the lime/cement plaster has set, trowel it with circular movements using a plastic trowel (taloch). For tiling work, the plaster can be roughly scraped after curing using a planer.

REMARKS

- PUTZUNA® BA-W is applied in 1 or 2 layers, depending on the desired layer thickness. In the case of 2 layers, the first layer is finished roughly.
- PUTZUNA® BA-W is always applied with a minimum thickness of 8 mm. The maximum total layer thickness of PUTZUNA® BA-W is 30 mm, with a maximum thickness per layer of 15 mm.
- Protect drying cement plaster from frost, precipitation, strong winds, and direct sunlight. During curing, PUTZUNA® BA-W should be protected from drying out by covering it with plastic film placed a few millimeters above the plaster or by regularly moistening it with a fine water mist. The "sweating" effect should be avoided.
- PUTZUNA® BA-W is an ideal base for tile work, gypsum plasters, decorative plasters, paints, etc.
- PUTZUNA® BA-W can be used as a final layer.
- For plinth areas, use PUTZUNA® PL; for basements and swimming pools, use PUTZUNA® HY.
- The working time of PUTZUNA® BA-W is 1 hour and 30 minutes.
- The final surface should not be smoothed with a metal tool (such as a plastering trowel), as this may cause microcracks on the surface. Use a plastic float for this purpose.

PACKAGING

PUTZUNA® BA-W is available in 25 kg bags. Each bag contains a polyethylene liner. The shelf life is 12 months in the original, sealed packaging and stored in a dry place.

