

ACQUA SHIELD



**Flexible, two-component
mortar for waterproofing
application.
Grey and white**

**EN
14891**

- Waterproof and flexible levelling-off for cement based sub bases even with uneven surfaces
- Waterproof, flexible, skimming on cement-based plasters, even if cracked
- Waterproof coating of walls in contact with the ground, foundations and lift-shafts
- Waterproofing of baths, showers, balconies, terraces, and swimming pools before the ceramic tiles laying
- Waterproofing of water tanks
- Waterproof flexible coat on plaster-board
- Protection and total waterproofing of screeds in terraces and balconies
- Waterproofing on pre-existing tile floors
- White version: used on the back of marble tiles as protection against superficial stains

Benfer®

Via Paletti snc - Castelnovo Rangone (Mo), 41051 - Italy - tel. +39 059 535 540 - fax +39 059 538 338
P.IVA IT00611061201 - C.F. e Iscr. Reg. Impr. di Modena 03304180379 - R.E.A. MO-385501 - Cap. Soc. €500.000,00 i.v.

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Technical features: ACQUASHIELD+ is a two-component mortar consisting of high resistance cements, fine aggregates with graded particle size (less than 0,3 mm), special additives (component A) and synthetic polymers in aqueous dispersion (component B).

Easy to apply on both horizontal and vertical surfaces, it offers outstanding adhesion. The product is especially recommended to waterproof balconies, terraces and water tanks, and can also be used on old substrates whose aging is due to water, salts and frost; it protects also cement plasters, concrete manufactures, even in contact with ground, as well as cement screeds on terraces, balconies and swimming pools.

Product Technical Data

Basis:	premixed powder (Comp.A) liquid polymer (Comp.B)
Color:	grey and white (Comp.A) - White (Comp.B)
Conservation:	12 months in the original closed package in a cool dry place
Danger of harm:	Possible irritation of the eyes and skin upon contact
Flammability:	no
Mixture ratio:	4:1
Mixing time:	2 - 3 min. (drilling machine min. 300 - 500 r/min)
Consistency:	thixotropic mortar
Apparent mass volume:	1600 kg/m ³ ,
Application temperature:	from + 5° C to + 35° C
Maximum/minimum thickness:	From 1 mm to 2 mm per coat (at least 2 coats)
Waiting time before applying second coat:	between 2 - 6 hours, according to climate conditions
Exposure to rain after approx.:	6 hours
Exposure to pressure water after:	approx. 7 days
Exposure to setting of tiles after:	approx. 1 day
Water permeability:	no penetration
Crack bridging:	≥ 1,00 mm
Expanding to crack according to EN 53504:	≥ 110%
Resistance to temperature:	From -30°C to + 90°C
Adhesion strength:	≥ 0.5 N/mm ²
Tensile strength:	≥ 0.5 N/mm ²
Tensile strength after water immersion:	≥ 0.5 N/mm ²
Tensile strength after thermal ageing:	≥ 0.5 N/mm ² , *at 23°C and 50% relative humidity

For more information see the valid technical data sheet and safety sheets of the product and watch the video application on www.benfer.it



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