

Technical commercial data sheet

Bitudry

Two component cementitious mortar for waterproofing



- Two component with precise proportions
- Excellent flexibility
- Highly waterproofing
- Protects concrete against carbonation
- Allows the ceramic tiles finishing in adherence with single-component adhesive
- Suitable to contact with drinking water

Recommended use

Bituver BITUDRY is designed to be used in:

- Waterproofing of balconies, terraces, showers, baths, swimming pools, before the application of ceramic finishing
- Flexible coating of plasters, screeds, micro-cracked concrete surfaces and precast
- Protection of concrete surfaces from pollution, carbon dioxide, chlorides, sulphates etc...
- Waterproofing coating of earth retention walls
- Waterproofing of water retention tanks, suitable also for drinking water, after maturation and washing with clean water.

Description and packaging

Component A: bag of 25 kg, appearance of grey powder. Component B: tank of 8,3 kg, appearance of white latex.

Application

- Use Personal Protective Equipment as requested by law;
- Clean properly the surface; use on cementitious mortars, matured concrete, cementitious plasters, existing floors. Do not apply on other surfaces, especially on bituminous membranes or bitumen based products, dusty or deteriorated surfaces and where there are signs of efflorescence or form-release compound residues;
- Apply always between +5°C a +30°C;
- Do not apply on frozen surfaces even if thawing, or if there is the risk of frost in next 24 hours;
- Do not apply under strong sun, on hot surfaces or during strong wind;
- Moisten with water the application surface, if highly absorbing;
- Pour the B component in a suitable clean tank and then add, by shaking, the powder in the component A bag, respecting the ratio of 3:1 (1 bag of 25 kg + 1 tank of 8,3 kg);
- Mix with a drill with low revolutions (500 rpm) till there is an homogeneous mixture, avoiding air retention in the mixture;
- Apply by spatula with a 2 mm thickness per 2 layer;
- In correspondence with cracks or on particularly deformable structures insert a glass fiber or synthetic square-meshed net in BITUDRY layers (ex. 4x4 mm);
- At expansion joints, fittings wall-wall and wall-floor, pipes and drains in bathrooms, showers, kitchens, etc. ... apply a band of rubber fabric or trim pieces (corners and gaskets) when the product is still fresh;
- Apply a second coat after that the first is dry (about 4 hours);
- Take care of the aging of the product during drying, possibly by spraying atomized water on its surface;
- Cover after at least 4 days, with ceramic tiles;
- Fill the joints;
- Protect from rain for the first 24/48 hours after application;
- Protect from direct sunlight;
- After use, it is advisable to wash the tools with water before the mortar sets;
- Do not add water, aggregates or cement to the product;
- Do not mix partial quantities;
- Transitable only for interventions of service and maintenance.

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Storage

Effective performance characteristics: 12 months in sealed containers away from moisture. If you work with high temperatures, before use keep the pack away from the sun. Accordance with the Ministerial Decree 10.05.2004 indicated on the packaging.

Technical features	BITUDRY
Colour	Grey
Density of powder	1,45 Kg/l
Density of the latex	1,05 Kg/l
Maximum grain size of the powder	0,4 mm
PH of latex	8
Solid residue of the powder at 450°C	99%
Solid residue of the latex at 105°C	50%
Adhesion to concrete	≥ 1 N/mm ²
Resistance against water pressure	2 atm
Water resistance counterthrusting	0,5 atm
Coverage per pack	20,8 m ² per mm of thickness
Consumption	1.6 kg/ m ² / mm
Certifications	
CE 1504-2: products for surface protection - cover - protection against the risk of penetration - humidity control Suitable for contact with drinking water: Conforms to DM 174/2004 as per the test report issued by A.R.P.A. Provincial section of Reggio Emilia.	

* These values are derived from laboratory tests in a controlled environment and may be significantly modified by the conditions of implementation.

! Our products foresee proper application and storage modalities.

Saint Gobain PPC Italia has the right to carry out the changes or variations believed to be proper any time with no need of notice.

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