



INSULATION RENDER, PLASTER, SCREED



BAUWER products are CE marked and conform to the standards EN 998 – 1:2010

METHOD STATEMENT

BAUWER FINISH, External and Internal application

Eco-friendly thermal, acoustic and dehumidifying Finishing Render

PRODUCT DESCRIPTION: Natural eco-friendly BAUWER FINISH is an innovative high performance ready to mix thermal insulation finishing render. BAUWER FINISH is supplied as dry pre-blended powder and it is based on cement, lime and naturally occurring volcanic glass called Perlite. When mixed with water, it produces an easy to use plastic mortar mix with adhesion to the substrate. It is designed for external and internal applications. It dries without shrinkage.

The BAUWER FINISH is used for:

- leveling uneven walls;
- filling in cracks in the plaster on the cement substrate;
- pre-treatment of walls before application of a decorative render;
- formation of a reinforcing, protective and leveling layer in the BAUWER thermal insulation system.

TECHNICAL DATA

Bag weight.....	15,00kg
Pot life.....	1 hour
Density of dry material.....	770 kg/m ³
Perlite (basic filler) thermal conductivity.....	0,034W/(m·K)
Thermal conductivity in dry condition.....	0,204 W/(m·K)
Vapour diffusion.....	11 +/- 1.5
Bond strength.....	1.28 N/mm ²
Compressive strength.....	37.2 N/mm ²
Declared strength value.....	after 28 days
Filler fineness modulus.....	0.71
Water retention.....	100%
Mortar fluidity mark.....	P 8
Spread rate	1bag will cover 8-10m ² @ up to 5mm thickness

The consumption rate is determined by an authorised contractor on the pre-treated surface under favourable working conditions. The actual consumption depends on the way the substrate is pre-treated and the contractor's experience.

CLIMATIC CONDITIONS: During the application of the mortar, and within further 24 hours, the temperature of the substrate and ambient air should not fall below +5 °C. Do not apply the Bauwer Finish to the sun heated surface. When possible, protection must be given to the mortar surface against direct exposure to water and sunlight within the first 24 hours after the application.

SURFACE PRE-TREATMENT: The surface must be levelled and even, and free from grease, loose paint, crumbling plaster. Be advised that the cement mortar mix should be applied to a pre-wetted surface, which is why the surface has to be well moistened 2-3 hours before application of the mortar. If the surface has high water absorption capacity (aerated concrete, ceramic bricks, dry cement, etc.), it is recommended to wet it several times or apply a deep penetration primer.

MIXING: Pour not less than 5 litres of water into a clean tub of at least 15 litres capacity; empty the content of the bag into it. The mortar is mixed with a high speed electric mixing drill until a homogeneous mixture is obtained. The mortar mix should then be left for 3-5 minutes for maturing. If required, add a small amount of water and re-mix the mass.

APPLICATION METHOD: The BAUWER™FINISH mortar is applied manually with a Putty knife or with a stainless smoothing trowel. The second coat is applied after the first one has hardened. The number of coats is not limited. The dry layer is easily smoothed out with abrasive sandpaper.

HEALTH AND SAFETY: The mix contains cement that in contact with water produces alkali. Avoid contacts of the mortar with the eyes or skin. Use rubber gloves when working with the material. In case of contact with eyes or skin, rinse or wash with plenty of water.

STORAGE TERM AND CONDITIONS: The BAUWER™ dry mortar mixes should be stored in their original unopened packaging. Bags should be protected from water penetration and direct sunlight. The guaranteed shelf life is 18 months from manufacture date indicated on the package.