

BONDPLAST Waterproof Plaster

FOR INTERIOR AND EXTERIOR PLASTERING OF WALLS.

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DESCRIPTION

BondPlast Waterproof and Breathable Plaster provides a totally waterproof barrier, without the need for a membrane. Applied direct to walls it seals and prevents the ingress of water either side of the plaster while remaining vapour and air-permeable, allowing trapped moisture to evaporate. It is environmentally friendly and does not contain harmful or flammable ingredients.

BondPlast Waterproof Plaster is a high quality, cement/silica based, rendering and plastering mortar for masonry that meets the requirements of BS EN 998-1. Manufactured to strictly controlled specifications, it is supplied as a ready mixed powder that requires only the addition of water on site.

Can be used on any conventional masonry such as brick, stone, blockwork and concrete from 10 to 40mm thickness. NOT suitable for application onto plasterboards! BondPlast Waterproof Plaster is a finely graded mortar and so offers a 'one coat' solution providing undercoat and professional finish.

USES

- External, internal walls, facades, plinths
- Showers, wet-rooms, swimming pools
- Cellars and basements, bathrooms
- Old, listed and heritage buildings

BENEFITS

- Continuous laboratory testing for composition and quality
- No need for membrane or any other additional layers
- Vapour-permeable, allowing trapped moisture to evaporate
- Easy to use- no special tools, skills or training required
- More cost-effective than any other multi-layered solutions
- Applicable as above-grade or sub-grade insulation
- No bituminous or toxic ingredients

Chemically Engineered Products

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SURFACE PREPARATION

Before applying BondPlast Waterproof Plaster mechanically prepare the substrate to provide a structurally sound surface. Remove all existing render, plaster, grease, oil, dirt and deleterious material. All water inrushes must be cured and stopped before applying BondPlast Plaster. Clean the surface with clean water. To maximize cohesion a thin mixture of cement and water slurry or other standard primer must be applied on to the surface before plastering.

MIXING

Add 5 to 6 liters of clean water to each bag (40kg) of BondPlast Waterproof Plaster. Mixing is recommended by hand or concrete mixer. Working time of approximately 1 to 2 hours.

APPLICATION

BondPlast Waterproof and Breathable Plaster can be applied by trowel or mortar gun. Applicable in one single layer of 10mm to 40 mm thick or in 2-3 layers 15mm thick per layer. Final layer can be finished with standard plastering tools, while the product is still workable.

CURING

Drying time: 28 days in ambient conditions.

Must be protected from drying too quickly.

Ensure proper water curing for first 3 days by spraying water at least 2 to 3 times per day.

PACK SIZES

40 kg bags

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COVERAGE

One 40 kg bag will cover up to 1.4 m² with a 15 mm thick layer.

TECHNICAL DATA

Compressive strength	3,4 N/mm ²
Depth of water penetration of hardened mortar	≤ 1 mm
Water vapour diffusion resistance coefficient ()	12.4

COMPOSITION

BondPlast Waterproof Plaster is a blend of Portland cement , graded sands, Fillers, Proprietary high end additives .

COLOUR

Grey .

SHELF LIFE AND STORAGE

Store as for Portland cement . Shelf life in sealed bags is up to 18 months.

HEALTH & SAFETY PRECAUTIONS

This product contains Portland Cement which is slightly alkaline when wet . For people with sensitive skins continuous use may cause irritation . Gloves or suitable barrier cream should be used . As a general Code of Safety Practice all chemical products should be treated with care , kept away from children and animals , especially protect eyes and skin . In an emergency seek medical advice.

Whilst the information and / or specification given are to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and any labour involved are beyond our control.

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