



BOND COAT DATA SHEET

Description

Bondcoat is a factory mixed, highly adhesive render, designed specifically for use as a key or bonding plaster. Bondcoat is a non-acrylic plaster with high water vapour permeability (breathing activity) containing only natural minerals and additives. Primarily used as a bedding coat for fibreglass reinforcing mesh.

Bondcoat can also be used as an initial key-coat on painted surfaces and most old cladding materials when carrying out remedial work or modernising older homes.

Advantages

- Easy application and handling.
- Easy to use on vertical and overhead applications.
- Excellent abrasion resistance.
- Excellent weather and solvent resistance.
- Excellent adhesion to a variety of surfaces including AAC, brick, concrete, concrete block, clay, fibre-cement, polystyrene, rammed earth, straw bale and stone.
- A thickness of 2 – 3mm can be achieved to allow embedment of reinforcing mesh.
- Bondcoat does not decompose into hazardous by-products.

Limitations and Precautions

- Do not add anything other than clean water.
- Do not add liquated bonding agents.
- Do not add additional water to Bondcoat later than two hours after original mixing.
- Apply only when the temperature is between 5° and 30°.
- Do not apply if a sudden temperature drop is likely during drying/cure time.
- Do not apply in hot, dry, windy conditions.
- Plaster must be protected from rain or water in the first 24 hours.

Technical Data

Bag Size 20kg

Dry Time 24 hours

Cool temperatures, high film thickness or high humidity may require longer drying times.

Theoretical Coverage 4 - 5 m² per 20kg bag

No. of coats 1 or 2 coats to embed fibreglass mesh

Flash Point None

Thinner/Clean up Water.

Wash equipment and spills immediately with water.

Ensure washing water does not enter waterways.

Theoretical VOC 1 g/kg

Surface Preparation

The surface must be dry. Remove all dirt, dust, grease, loose particles, mould or any other form of contamination from the surface. Any release agents must be completely removed.

Application

Stir the contents thoroughly before and during use.

Apply by commercial plastering machines or manual application (drill mixer only).

When embedding mesh into Bondcoat, ensure that the mesh is trowelled so that it remains towards the exterior surface of the plaster, and that it is overlapped at least 100mm where it is joined.

For Best Results

- Use only high-quality fiberglass mesh that is alkali resistant.
- Do not apply in direct sunlight.
- Check the finished plaster system annually for cleanliness and integrity of the applied finish coatings.

Storage

Store in a dry place on dunnage or a pallet, out of direct sunlight and away from moisture for up to 6 months.

Health and Safety

(Please refer to the Material Safety Data Sheet before using)

MPT Bondcoat is non-flammable, non-hazardous, non-combustible & non-explosive.

KEEP OUT OF REACH OF CHILDREN

Product Number MPT 300

V 2 - 11.15

Please ensure you are referring to the current Datasheet.



61 Hillside Road, Wairau Valley

Auckland, New Zealand

0800 25 23 678

www.Mineralplaster.co.nz

tech@petros.co.nz