

Breathaplasta is an internal bio composite plaster comprised of lime and organic fibres. It is a high performance alternative to typical plasters such as gypsum or lime and can be installed using the same techniques onto a wide range of backgrounds including all boards and masonry, brick, block and stone.

## breathAplasta



**20kg bags**

**Coverage:  
5m<sup>2</sup> at 4mm  
thickness**

## Breathaplasta in 4 easy steps



### Coverage

One 20kg bag will cover approximately 5m<sup>2</sup> at 4mm thickness

### Surface Preparation

- Consolidate background material so that it is uniformly flat. Dub out uneven masonry
- Porous backgrounds should be moistened with clean water prior to application
- Do not prime walls with PVA solution as this will reduce breathability

### How to Mix

- Mix Breathaplasta with clean water only
- Add 11 litres of water to a 20kg bag
- Mixing time for a 20kg bag is 1 minute

### How to Apply

See reverse.

## Mixing and Application

A sample trial should be carried out prior to application to ensure substrate is compatible.

- Add 1 bag of Breathaplasta to approx. 11 litres of clean water and mix for 60 seconds. Ensure all dry powder is thoroughly mixed in.
- Final mix should be creamy in texture with no lumps. Mix can be applied immediately.
- Apply an even base coat of Breathaplasta using standard plastering tools and techniques. Do not smooth plaster at this stage.
- Mesh - if required, apply mesh at this stage by flattening into the base coat.  
Note: mesh not normally required for plasterboard and non-board surfaces.
- Leave the base coat to set and firm for a minimum of 45 minutes.
- **For boards** Evenly apply a second coat. This is the finishing coat. Trowel plaster to a flat and smooth finish.
- **For other surfaces** For multiple coat applications, a total thickness of up to 50mm can be achieved.
- Additional coats can be applied at a maximum of 10mm thickness per coat. For best results, leave 24 hours between each coat to let plaster set and allow moisture to escape.
- Evenly apply finishing coat. Trowel plaster to a flat and smooth finish.
- Leave the finishing coat to set and firm, but not fully harden. This will be approx. 45 mins.
- To finish Breathaplasta, glide a clean trowel over the surface of the top coat to flatten and smooth to desired finish.

For further information please refer to our Application Guide; Substrates.

## Technical Specification

<b>Min depth of application</b>	4mm (in coats of 2mm)
<b>Max depth of application</b>	50mm (in coats of 10mm)
<b>Density</b>	1200 kg/m <sup>3</sup>
<b>Thermal Conductivity (<math>\lambda</math>)</b>	0.23 W/m.k
<b>Thermal Resistance (R)</b>	0.05m <sup>2</sup> .K/W
<b>Water Vapour Resistance Factor (<math>\mu</math>)</b>	5 (Dimensionless)
<b>Coverage per 20kg bag</b>	5m <sup>2</sup> (Approx.)
<b>Setting Time Per Coat</b>	1 hour (Approx.)

This document is not a specification. A sample trial should always be carried out prior to application to ensure background material is compatible. Breathaplasta is not suitable for continuously damp backgrounds. Sources of damp should be investigated and resolved prior to new plaster application.