



Technical data sheet:

BREATH  PLASTA



Breathaplasta is a high performance, bio composite alternative to typical plasters such as gypsum or lime. It is mixed and installed using the same techniques as these common plasters but delivers additional benefits.

Whether you are renovating or building, Breathaplasta provides an easy solution to creating a healthy living or working area. This hygrothermally high performing material regulates moisture and improves insulation to deliver a healthier and more energy efficient environment.

Breathaplasta can be installed with conventional methods on many substrates including conventional plasterboard, solid brick and block walls and our own Breathaboard.

#### Technical specification

Min depth of application: 4mm

Max depth of application: 20mm in coats of 5-7mm

Density: 1200 kg/m<sup>3</sup>

Thermal Conductivity ( $\lambda$ ): 0.23 W/m.K

Thermal Resistance (R): 0.05 m<sup>2</sup>.K/W  
(at 10mm thickness)

Water Vapour Resistance: 5 (Dimensionless)  
Factor ( $\mu$ )

Coverage per 20 kg bag: 5.0 m<sup>2</sup>

Initial setting time: 2 hours

Breathaplasta has been scientifically developed by Adaptavate Ltd and is made in the UK.