

Product Data Sheet: Lime Putty

9/09/2014

A superfine, natural lime putty which contains no additives. Suitable for making limewashes, plasters and mortars. Very breathable with a soft set.



Packaging

Available in 20 litre tubs (25kg).

Typical Mixing Ratios

Mortars	3 sharp sand: 1 lime putty; or 5 sharp sand: 2 lime putty
Basecoats	3 sharp sand: 1 lime putty; or 5 sharp sand: 2 lime putty
Topcoats	2 fine sand: 1 lime putty; or 3 fine sand: 2 lime putty
Limewash	2 water: 1 lime putty

How to Apply

Sample trials should always be carried out to assess compatibility with substrate. Lime putty based materials will not normally adhere successfully to dense, shiny, non-porous surfaces. If lime putty base materials are allowed to dry too fast, or are exposed to frost before carbonation is complete, they may fail.

Putty should be applied to dampened surfaces, but will not set if applied to excessively wet or continuously damp backgrounds.

Only use lime putty in temperatures between 8°C and 30°C.

Curing and Why

The prevention of drying out too quickly is the key to the success of the application. Lightly spray the base coat if it is too hot or drying out too quickly. In addition, protect from harsh weather conditions, for example, frosts, rain and direct sunlight. The use of a damp hessian, fixed to the wall can slow down the drying out process and provide protection from adverse weather conditions.

Performance

Test	Result	Standard Info
Water Vapour Perm. Coefficient (μ)	5/20	EN 1745*
Compressive strength @ 28 days N/mm ²	CSII	EN 1015-11
Capillary water absorption kg/m ² .min	W2	EN 1015-18
Thermal Conductivity w/m.K P=50%	0.47	EN 1745*
Thermal Conductivity w/m.K P=90%	0.54	EN 1745*

Health and Safety	
Risk Phrases	Safety Phrases
R36/38 Irritating to eyes, respiratory system and skin	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
R66 Repeated exposure may cause skin dryness or cracking	S24/25 Avoid contact with skin and eyes
	S36 Wear suitable protective clothing

This is not a specification. Trials should be undertaken on old surfaces & backgrounds to ensure compatibility. Lime plasters, renders, mortars and putty's do not set or perform like gypsum or cement based materials