

## PRODUCT DESCRIPTION

Lime is the oldest of the masonry binders, its use dating back to ancient times. Lime has been used in multiple different forms and varies chemically, depending on the source of the limestone or other materials from which it is produced.

Traditional Lime Putties are slaked from high calcium lime for 3 - 4 months and were favoured by decorative plasterers for their unique working characteristics. Mortars and plasters based on these materials, while being difficult to mix to an even consistency, offer excellent workability, flexibility and breathability.

Due to the lengthy production time and limitations of their older counterparts, modern day Lime Putty is based on a blend of white cement and lime powder which produces a far more user-friendly product. They are widely used as repair mortars on historical and traditional buildings where they have proved their suitability for internal and external applications.



## COLOUR RANGE

Off White only.

## PACKAGING

20kg bags

## RECOMMENDED FOR

INTERIOR and EXTERIOR surfaces.

There are three main applications:

- Lime Putty is mixed with water to produce a thick paste which is used to fill small holes and cracks.
- 1 part Lime Putty is mixed with 4 - 6 parts Silica Sand and water to produce a rendering for the repair of small plastered areas (<1m<sup>2</sup>).
- 1 part Lime Putty, 1 part cement and 6 - 8 parts sand and water are mixed together to produce a lime rich plaster for the plastering of large areas and whole elevations.
- In all cases the mix and quantity of water needs to be adjusted to achieve the correct and required consistency.
- Avoid applying in excessively hot/dry conditions as it may dry too quickly and result in cracks forming or become powdery. If these conditions are present mist spray every few hours till cured.

## NOT RECOMMENDED FOR

Do not use on hard plaster and concrete.

Do not use in direct sunlight or on dry surfaces.

## APPLICATION

Ensure all surfaces are sound and free of dirt, grease and oils. Rake out all cracks over 0,5mm in width, wet and then fill with Lime Putty.

Mix Lime Putty with water to produce a smooth, lump free paste of the required consistency.

Always dampen the surface (not shiny wet) immediately prior to applying Lime Putty with a spackle tool or steel trowel. This assists with both the curing and adhesion of the Lime Putty.

Applications to dry surfaces may become powdery.

The surface should always be dampened between coats and at least once a day for the first three days after application.

## SPREAD RATE

As required.

## CURING TIME

Lime Putty Mortar takes 28 days to reach full cure. The presence of moisture during its curing period results in a harder and more water-resistant mortar.

## CLEANER/SOLVENTS

Wipe excess material from application equipment using an absorbent cloth before washing with water.

## PREVENTING PROBLEMS AND GENERAL INFORMATION

**IMPORTANT:** Walls (cement plaster, concrete or masonry) must be dry before painting and should not exceed a moisture content of 10% as measured with a Protimeter Surveymaster Moisture Meter or equal. The ambient temperature must be below 10°C and not higher than 35°C.

Humidity must not be below 10% and not higher than 85%.

- Excessive application thickness and/or rapid drying could lead to mud cracking.
- Avoid applying under adverse weather conditions as this could result in poor product performance.
- Always keep a wet edge and avoid downing tools during application to prevent lap marks and variances in colour or texture.
- Work from corner to corner, or from a natural cut off point to another.
- Do not attempt touch ups but redo complete panels.

## SHELF LIFE

Store product in a warm/dry environment. Excess humidity or damp can result in the cement starting to cure, causing brittleness in the product or the bag solidifying.

## ENVIRONMENTAL NOTE

Please note: Disposal of paint containers and/or contents other than in an approved manner may result in contamination of our water ways or the pollution of our environment. Do not clean equipment where water and solvents will enter storm water drains. Please dispose of unused paint and paint containers through an approved recycling scheme or seek advice from our local council about other accepted disposal method. For more information on our environmental policies, enquire in store.

## VOC GREEN FILTER

The information herein provided is based upon our current theoretical compositions/calculations, and current data from our raw material suppliers. We thus reserve the right to amend and correct when/if necessary.

## FOOTNOTE

The above information is intended as a guide only. Since this product is applied by 3rd parties, Paintsmiths and the manufacturer cannot be held liable for any loss or damage whatsoever relating to application or to the surface to which it is applied. Paintsmiths and the manufacturer reserve the right to make changes at any time, without notice.

## TECHNICAL DATA

|                                             |                                              |
|---------------------------------------------|----------------------------------------------|
| Viscosity                                   | Powder                                       |
| Specific Gravity                            | 2,300 ( $\pm 0,05$ )                         |
| pH                                          | Strongly Alkaline                            |
| Weight Solids Content                       | 99.9% ( $\pm 5\%$ )                          |
| Fineness of Grind                           | N/A                                          |
| Volume Solids Content                       | N/A                                          |
| Pigment Volume Concentration                | N/A                                          |
| Spread Rate                                 | As required                                  |
| Dry Film Thickness                          | N/A                                          |
| Sheen 20°                                   | N/A                                          |
| Sheen 60°                                   | N/A                                          |
| Sheen 85°                                   | N/A                                          |
| (on glass @ 100 microns WFT after 24 hours) |                                              |
| Surface Dry                                 | <1 hour                                      |
| Hard Dry                                    | <4 hours                                     |
| Overcoating                                 | N/A                                          |
| Diluent/Cleaning                            | Water                                        |
| Shelf Life in unopened containers           | 6 months under dry conditions                |
| Drying Mechanism                            | Water evaporation followed by Lime Hydration |
| Application                                 | Trowel, scraper or spackle tool              |



**All tests are performed at 23°C and 50% relative humidity.**  
**Contact your nearest store for Technical Advice should you require any further information.**  
**Safety Data Sheets are available on request.**

\* This VOC value is determined on the untinted base. However, as Paintsmiths use ZERO VOC stainers for all their tinting, the VOC contribution from these is minimal and will vary from colour to colour.

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