



# TECHNICAL DATA SHEET

## Tallow Bound Limewash

RJ 3.03

### Description:

A traditional natural permeable paint for the decoration of lime renders, limestone, soft brick and porous building materials. Molten tallow is added to the hot slaking lime to improve the rain-shedding properties of the limewash. Some tallow reacts with the alkaline lime to form an insoluble calcium soap; the rest of the fat is dispersed by this soap and binds the mixture together. Limewashes do not dry like modern paints but set by reaction with atmospheric carbon dioxide in the presence of moisture. For exterior use – rarely used internally.

### Environmental Considerations:

Limewashes are made with natural sustainable ingredients. They contain no VOCs, no petrochemical based ingredients, and no lead. Water-based. All Rose of Jericho paints comply with the latest environmental legislation. This product contains both a fungicide and an algaecide.

### Finish/Appearance:

Matt surface coating. Colours are darker in tone when wet.

### Colours:

Most colours plus white. Please see our website for more details. Colour matching service available.

### Availability:

5 litre cans and 15 litre tubs. Limewashes are mixed to order and can normally be supplied within 48 hours.

### Shelf Life:

**Tallow Bound Limewash should ideally be used within one week of manufacture as the tallow tends to coagulate and separate.** Tallow Bound Limewash must be stored in a cool frost-free environment, away from heat and direct sunlight. Limewash must not be kept in the van in sunny weather and must be moved to a cool environment.

### Coverage:

Approx. 4-5 m<sup>2</sup>/litre/coat depending upon texture and porosity of surface.



## Health & Safety Information:

See Health & Safety Data RJ5.03C.  
CAS No 1305-62-0. Alkali (pH 13).  
EINECS No 215-137-3.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes Serious Eye Damage

## Observations:

Tallow Bound Limewash is an exterior grade limewash used for the decoration of lime renders, porous building materials, and previously tallow-limewashed surfaces in exposed locations. It is less permeable than both Pure Limewash (RJ3.01) and Casein Bound Limewash (RJ3.02). Coarse textured wood or sponge floated surfaces are far preferable to smooth steel-trowel polished surfaces. Sample trials should always be carried out to assess compatibility with substrate.

Coloured limewash is made using natural powder pigments. Colour and tone variations due to these pigments and differing porosity of surfaces are inevitable. Much of the charm of a traditional finish is its lack of uniformity with subtle variations of colour and tone.

## Limitations:

Tallow Bound Limewash cannot be used on previously painted surfaces unless the existing paint is limewash.

Tallow Bound Limewash should be protected from drying too quickly, and from rain and wind before carbonation.

Tallow Bound Limewash should not be used on sky-facing surfaces, weathering details or in very exposed locations.



## Preparation:

Tallow Bound Limewash requires a surface that is firm, clean, and porous. It can be applied to new lime render before it has carbonated, but Tallow Bound Limewash is less permeable than Pure or Casein Bound Limewash and will slow the rate of carbonation of the render beneath. Tallow Bound Limewash can be applied to previously Tallow Bound Limewash painted surfaces, but not to other paint types. Sample trials should be undertaken.

Previously limewashed surfaces should be thoroughly brushed and washed with a wet sponge to remove dust, dirt and all loose, chalky material that is removed readily.

All mould and algae must be treated with a fungicidal wash that includes an algacide and thoroughly washed off with clean water. Do not use fungicides containing water repellents. Make good and fill with a compatible material/filler.

Tallow Bound Limewash should be applied to damp surfaces. Lime plaster and render, porous stone and brick must be thoroughly moistened with a mist spray prior to application.

## Application:

**Tallow Bound Limewash should have been made within the previous week, or sieving may be necessary to remove any separated tallow.**

Tallow Bound Limewash must be thoroughly mixed, preferably with a mechanical whisk, to ensure even distribution of pigments and ingredients immediately before and during use as it readily settles out.

**Full Face and Eye Protection and Protective clothing must be worn** and great care taken.

Surfaces must be damp. Porous pre-wetted surfaces may need additional mist-spraying during application to ensure that the limewash does not dry too quickly.

Apply the limewash to the damp surface using a brush, not a roller, working it into any cracks. It is applied in thin coats - the limewash appears transparent on application and care must be taken to avoid thick build-up that will craze on drying out and may obscure detail. Normally, 3 coats are required, occasionally more. Each coat must be protected from drying too quickly by regular mist-spraying, and a reasonable time (at least 24 hours, often longer) allowed between coats. It is normal to mist-spray the previous coat prior to the application of the next coat.

**Protections:**

Limewashing can be messy, and full protections must be provided to all vulnerable adjacent surfaces. In particular, any oak or oak flooring must be fully protected, as the alkali lime permanently stains hardwoods. Newly applied exterior Limewash must be fully protected from rain, wind, direct sunlight, frost etc until it has cured and carbonated (normally about 4 weeks).

**Technical Advice:**

Product and Health and Safety data can be printed from our website: [www.roseofjericho.co.uk](http://www.roseofjericho.co.uk). Further assistance is available from our Technical Department on 01935 83676.

**Disclaimer:**

The information provided in this product data sheet and all technical advice is for guidance and is given in good faith but without warranty, since the site conditions and care and skill of application are beyond our control. We can accept no liability for the performance of our products, beyond the value of the paint itself. This does not affect your statutory rights.