LIMEWASH

PRODUCT DESCRIPTION

An environmentally friendly, lime-based paint which slowly weathers and ages. Patchiness, streaking and uneven colouring develop during the twelve to eighteen month curing period.

The product conforms to EU 2010 targets.

COLOUR RANGE

Off-white and pastel shades using only oxide pigments.

RECOMMENDED USES

EXTERIOR surface.

Apply Limewash to unpainted or previously lime washed surfaces, bagged brickwork, cement blocks, unglazed face and common bricks and other absorbent surfaces.

NOT RECOMMENDED FOR

Not suitable for application to non-absorbent surfaces such as glazed tiles, bricks and hard non-porous surfaces.

Not recommended for previously painted surfaces unless trial areas have been found to be suitable.

APPLICATION

Apply the first coat of Limewash using a Limewash Brush at the stipulated spread rates, taking care to brush well into cracks, pores and holes. It is important to keep a wet edge and use a consistent brushing technique. Do not stop in the middle of the wall or a dry edge mark will appear. Cut around windows and doors only as you come to them.

Allow to dry overnight. Dampen first coat with water by either mist-spraying with a hose or using a paint roller dipped into clean water.

Apply a second coat (and a third coat if necessary) in the same manner as the first. Once the final coat is complete, mist spray for 3 days to achieve full hydration (curing).

PLEASE NOTE: Correct preparation is essential. All surfaces must be sound and prepared in the recommended manner. Please refer to the Limewash Surface Preparation Guidelines within this document.

OVERCOATING TIME

> 6 hours between coats

NOTE: It is essential to adhere to overcoating times, as specified for our various products. Prevailing weather conditions must be taken into account as ambient and substrate temperatures, humidity and wind etc., will influence drying time. Performance problems can occur if any of the previous coats have not been allowed to dry properly before being overcoated.

IMPORTANT: To prevent surface contamination, coatings must not be left longer than 48 hours between coats. If environmental or weather conditions have caused surface contamination, all surfaces must be thoroughly washed down before applying the next coating.

SPREAD RATE

+/- 4 - 7m²/litre

CLEANUP

Wipe excess Limewash from brushes and rollers using an absorbent cloth before washing with water.

TECHNICAL SPECIFICATIONS

(All tests are performed at 23º and 50% relative humidity. Material Safety Datasheets are available on request.)

VISCOSITY	90 - 95ku
SPECIFIC GRAVITY	1.23 g/ml +/- 0.05
pH	Alkaline
WEIGHT SOLIDS CONTENT	40% (+/- 5%)
FINENESS OF GRIND	< 30 microns
VOLUME SOLIDS CONTENT	26% (+/- 5%)
PVC	N/A
SPREAD RATE	+/- 4 - 7m²/litre
DRY FILM THICKNESS	52 microns
SURFACE DRY	< 1 hour
HARD DRY / OVERCOAT	> 6 hours
SHEEN 20º	Matt
SHEEN 60º	N/A
SHEEN 85º	N/A
(on glass @ 100 microns wet film thickness after 24 hrs)	
DILUTANT / CLEANING	Water
APPLICATION TEMPERATURES	> 10ºC - < 35ºC
STORAGE TEMPERATURES	> 5ºC - < 35ºC
SHELF LIFE IN UNOPENED CONTAINERS	1 year
DRYING MECHANISM	Evaporation and Lime hydration
SCRUBS	N/A
VEHICLE TYPE	Lime
PIGMENT TYPE	N/A
APPLICATION	Brush

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LIMEWASH SURFACE PREPARATION

PREPARATION OF NEW PLASTERED WALLS

Lightly sand down all surfaces to provide sound smooth surfaces. Clean down all surface dust, grease and dirt. Scrape off all loose material and cement splashes. Rake out all cracks, other than hairline cracks, greater than 0.5mm, holes or other minor defects and fill with an exterior skim filler.

Repair damaged plasterwork using an exterior plaster repair mortar as recommended. If the walls have been patched and cracks repaired and there are differences in the porosities of the plaster, then apply 1 coat of cementitious waterproofing slurry to even out the porosities prior to the Limewash application

PREPARATION OF PLASTERED AND LIME WASHED WALLS

Rinse wall while brushing down with a stiff wire brush to remove loose and all peeling paintwork as well as salt deposits.

Carry out necessary plaster repairs. On lime plaster, use a soft cement - sand - lime mix only (1cement, 2 lime, 6 - 8 sand). Dampen repaired areas for 2 days to ensure slow curing.

Rake out all cracks, other than hairline cracks, greater than 0.5mm, holes or other minor defects and fill with Lime Putty as recommended.

PREPARATION OF OLD LIME PLASTERED
AND LIME WASHED WALLS (Historical/Heritage buildings)

Remove all loose and flaking lime wash coatings down to a sound substrate with scrapers etc. Water jetting may damage the old plaster. Rinse wall while brushing down with a stiff wire brush to remove any friable material as well as salt deposits. Where there are isolated patches where thick coatings have been removed, these patches can be filled with Lime Putty applied as specified.

Carry out necessary plaster repairs. On lime plaster, use a soft cement - sand - lime mix only (1cement, 2 lime, 6 - 8 sand). Dampen repaired areas for 2 days to ensure slow curing. If hard fillers or plaster have been used to patch or repair walls, these must be removed and repaired with the soft plaster mix.

IMPORTANT

Limewash must be thoroughly stirred before use and continuously stirred during the application process.

To achieve more constant colour uniformity on newly patched or repaired walls it is strongly recommended that a coat of Masonry Primer prior to applying Limewash.

The wall should be uniformly damp, not glistening wet.
Avoid direct sunlight during application, only apply on elevations while in the shade.

THINGS TO REMEMBER

Any splashes of Limewash on footpaths, brickwork, timber etc. should be removed immediately.

Wherever possible always work on walls that are in the shade.

On hot, dry or windy days the surface may have to be re-dampened during application. Walls can be dampened by mist spray with a hose or using a conventional paint roller dipped into clean water.

Colour variation can and does occur from batch to batch due to the natural pigments being used. Ensure sufficient quantities from the same batch are ordered to complete the project.

On completion of the final coatings keep the walls dampened using a mist spray for at least three days to prevent premature hydration.

Only use 'soft' plaster mixes to repair existing plasterwork.

Apply the Limewash in strict accordance to the preparation and application specification.

IMPORTANT: It is important to ensure that all surfaces are sound and all old coatings are suitably bonded to the substrate as the added weight of new applications of Limewash could cause the old coatings to delaminate.