



WHITE PEAK LIMEWASH

User guide

ULTIMATE FLEXIBILITY

WHITE PEAK LIMEWASH

Limewash is one of the earliest forms of paint and has been in use for thousands of years. It is a beautiful material which remains attractive as it gradually ages. It develops a unique patina unrivalled by modern paints and importantly allows the building fabric to breathe as it is vapour permeable. It is a traditional, inexpensive coating which gives protection and beauty to render, plasterwork and masonry.

White Peak Limewash is a traditional limewash which benefits from a superior performance compared to previously available products. All our White Peak Limewash is manufactured under a quality control system complying with BS EN ISO 9001. This ensures the product is both chemically and physically consistent.

White Peak is extremely efficient at recarbonation. This is the process whereby the lime reacts with carbon dioxide in the atmosphere to produce a hardened calcium carbonate. After recarbonation the limewash is highly vapour permeable, which prevents moisture being trapped within the substrate. The patented production process manufactures

a unique product which is an ultra-fine suspension of lime. This provides the user with a number of benefits. The suspension is very stable, reducing the need for stirring during use. Finer particles give better adhesion to the substrate resulting in less rub off and a longer lasting, more robust finish. The super fine suspension holds pigments very well, giving a more coherent finish with maximum coverage. Without pigments, White Peak gives a brilliant white finish due to the purity of the lime used in manufacture. White Peak is also available from stockists in a range of classic shades.

Material

The contents of the tub should be thoroughly stirred to a creamy consistency before use. Unlike other limewashes, White Peak requires stirring only once or twice per day during use, but may need more frequent stirring if pigments have been added.

Background

White Peak is normally applied to a sympathetically porous background such as sandstone, lime plaster, clay bricks or lime render. The background should be washed to remove dust and grime. Smooth surfaces should be lightly sanded to allow adequate penetration of the substrate. New surfaces should be allowed to dry and cure properly before application. Substrates with organic growth should be treated with a suitable biocide in accordance with the manufacturer's instructions and dead material brushed off before applying White Peak. Steam cleaning may be necessary.



Application

Dampen the surface with clean water prior to application. Apply White Peak to the substrate with a long haired bristle brush, reserved for the purpose, using horizontal, vertical and diagonal strokes, ensuring the limewash is applied as evenly as possible and is well worked into the surface. Apply to an area of 3-4 square metres at a time, then finish off by ‘burnishing’ the coat (using a dry brush in a light circular motion). Avoid ‘dry joints’ between areas of work. Ensure the limewash is spread thinly and evenly; overly thick coats will craze and crack when they dry. If this occurs, wash off with hot water and a stiff bristle brush and ensure that the new covering is properly applied. Limewash applied in areas where clothing may be regularly brushed against it should always be burnished during application. Properly applied to a sympathetic background, White Peak will not dust. All limewash, coloured or otherwise, is semi-transparent when first applied. This is normal – do not apply more in an attempt to build up the finish while wet.

Allow the first coat to dry fully before applying the second coat and so on, lightly dampening the background before applying the next coat. White Peak will harden and the colour will fix as the carbonation process takes place.

After use, brushes should be washed in clean running water.

Other methods

White Peak can be applied by spray – consult your stockist for advice. Roller application is possible using a heavy weave roller such as the Purdy ‘Colossus’.

Protection

Protect from strong winds, frost and direct sunlight during application. Do not use in very damp or wet conditions such as heavy misty weather or in direct rainfall. Allow at least 12 hours of good conditions for curing each coat. Do not use where the temperature is below 5°C or above 30°C, or when there is a risk of frost within 48 hours of application.

Highly porous backgrounds

For the initial coat, White Peak may be thinned with clean potable water if necessary, taking care if it is pigmented to use the same amount of water for each application to ensure uniformity of colour.

Friable backgrounds

White Peak can be used with a proportion of specially graded fine aggregate in the first and second coats to assist adhesion to friable

substrates. Final coats are applied as above. Consult your stockist for further advice.

Unsuitable backgrounds

Some suction is essential for a good bond to develop. White Peak should not be applied to backgrounds that contain waterproofing materials or are of a dense impermeable nature (e.g. concrete).

Aesthetics

Applied properly to the correct background White Peak will produce a delicate vibrant finish. Differing levels of suction or surface textures will reflect light in different directions and the finished result, depending on the direction it is viewed from, may appear stronger or weaker or patchy because of this. This is a surface finish effect and not a product defect. As with all surface coatings, if migration of dissolved salts in the substrate occurs this can cause surface staining. If you are unsure of the final appearance it is advisable to conduct trials on a suitable area first.

Coverage

On a flat porous suitably dampened substrate coverage will be 3-4m² per litre for three coats. Application rate will be about 20m² per hour (depending on the background) if it is being

applied correctly i.e. not too thickly and properly worked in. Harling or thrown finishes have a much larger surface area than a flat finish and this should be taken into account when estimating the amounts required.

Health and safety

Limewash is strongly alkaline therefore proper protection such as goggles, gloves and long sleeved overalls should be worn at all times. Please refer to product safety data sheets available from our sales team on 01298 768 181 or at lafargetarmac.com/lime

Supply and delivery

White Peak is available from appointed stockists. Please refer to our website or contact our sales team on 01298 768 181.

Technical assistance

For further technical assistance please call 01298 768 481 or email buxton.technical@lafargetarmac.com

This information is provided as a general guide only, the purpose of which is to assist the reader in achieving best results, and is not intended to form a specification.





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