

EWI-051

Heritage Lime Render

The Heritage Lime Render is a cement-free lime render which can be applied as a decorative finish on top of our Heritage Lime Basecoat as part of a breathable, durable render-only system. The presence of lime within the render means that it is a highly breathable material, with 'pores' that allow salts and moisture to pass through rather than remaining trapped within the substrate. This is a fine-grain render, offering a smooth finish that is both waterproof and vapour permeable. The Heritage Lime Render is available in 25kg bags and is suitable for heritage and renovation projects.

Intended Uses.

The Heritage Lime Render is intended for use as a decorative render finish. It is not suitable for direct application onto substrates with a presence of salt. The render is ideal for use on top of the EWI-291 Heritage Lime Harling or on top of the EWI-292 Heritage Lime Basecoat.



Technical Specification

Composition

Hydrated lime, mineral fillers, modifying supplements.

Granulation

≤ 0.5mm

Dry mix consumption

c.a. 1.3kg/m² per 1mm layer of thickness.

Soluble chromium VI content

≤ 0.0002%

pH-value at 20 °C

11.5 - 13

Bulk density at 20 °C

1200 - 1400 kg/m³

Compliance with Standards

PN-C-81913:1998 Dispersion paints for facade painting.
European Technical Approvals ETA - 15/0576 and ETA - 15/0575

BBA Approval Inspection Testing Certificate 18/5503

Directions for use.

Substrate Preparation

Ensure that the substrate is clean and free of salts, dust, debris, paints or anything that may affect adhesion. To check for salts, a survey must be carried out – salts are usually noticeable through discolouration on the walls. If the surface is dusty prior to rendering, consider using a jet wash on a low power setting; equally if the substrate is particularly absorbent, it must be dampened with water before application.

When applying the EWI-051 render onto the EWI-292 Heritage Lime Basecoat, the basecoat needs to be scratched to provide a key, alternatively the render can be applied directly on top of the EWI-291 Heritage Lime Harling.

Product Preparation

Pour the 25kg mix into 5 litres of clean cool water and mix thoroughly using with an electric paddle mix for 2-3 minutes to produce a consistent texture. Leave for 5 minutes and then briefly mix again – the product is now ready for application.

Application

Apply the EWI-051 Heritage Lime Render evenly across the substrate using either a spray machine or a plastering trowel. The maximum thickness it should be applied at is approximately 10-20mm. The Lime Render has a shelf life of 2 hours after it has been mixed with water. After application, it should be protected against extremes of weather during drying, such as frost, high winds and strong heat.

Application Conditions

Layer thickness

From 10-20mm.

Shelf life after mixing with water

2 hours (at +20°C)

Water mixing proportions

c.a. 5.0 litres per 25kg of dry mix.

Packaging

25 kg bag.

Storage

Shelf life: up to 9 months from the date of manufacture.
Keep dry and in the original undamaged packaging.

Safety Measures

Alkaline pH after mixing with water. Avoid contact with skin. Wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Clean-up

Wash tools immediately with clean water.