

# EWI-295 Heritage Lime Plaster

The Heritage Lime Plaster is a highly breathable internal plaster containing hydrated lime. It is ideal for creating thin-layer plaster mortars on internal walls and ceilings on heritage restoration projects. The Lime Plaster is completely environmentally friendly due to the fact that its main ingredient is hydrated lime; it is also entirely waterproof and has a high grip for a strong and long-lasting adhesion.

## Intended Uses.

Once mixed with water, the Heritage Lime Harling is a watery slurry thrown onto the wall, intended as a substrate preparation layer. It creates a mechanical key which allows for the secure binding and adhesion of the Heritage Lime Basecoat and Heritage Lime Render. Ideal for use on brick substrates that have been laid using a lime mortar that has corroded; we always recommend applying a harling coat onto renovation projects for stone buildings and on substrates with a high absorption or that have been painted with a lime paint. Not suitable for internal use.



## Technical Specification

### Composition

Hydrated lime, quartz aggregate, mineral fillers, refining agents.

### Granulation

0-0.5mm

### Dry mix consumption

c.a. 1.25 kg/m<sup>2</sup> per 1 mm of layer thickness

## 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 dust, debris, paints or anything that may affect adhesion. All signs of biological overgrowth should be removed, and areas prone to cracking should be reinforced with Fibreglass Mesh embedded into the Lightweight Basecoat.

## Product Preparation

Check that the room is at an appropriate temperature (with radiators switched off) and that all mixing equipment is clean. Pour the 25kg mix into clean cool water at a proportion of 8-11L per 25kg of plaster. Mix thoroughly with an electric paddle mix to produce a consistent texture. Leave for 5 minutes and then mix again – the product is now ready for application.

Once mixed with water, the Heritage Lime Plaster has a usability shelf life of approximately 3 hours. Ensure that the room is well ventilated during drying times but do not allow drafts.

## Application

Make sure that you have the right equipment – your trowel should be clean and rust-free. Apply the Heritage Lime Plaster to the substrate using a plastering trowel at a thickness of 3mm, removing any excess plaster. Apply the plaster in an even layer to the entire surface of the substrate, then smooth it out using a long float.

Carry out the finishing process after the initial drying process has begun, approximately 2 hours after application. All holes should be filled, and trowel marks should be erased using a sponge float and water. Once sufficiently firm, the plaster then needs to be polished out with a finishing trowel. Avoid over-polishing the plaster, as this can make the surface difficult for paint to adhere to. If applying ceramic tiles or a finishing coat, create a keyed surface to improve adhesion.

minimum of 3 days before it is completely set and before other materials can be applied.

## Application Conditions

### Application temperatures:

Between +5C and +25C

### Shelf life after mixing with water

2 hours (at +20°C)

### Water mixing proportions

8-11 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.