

EWI-294 Heritage Lime Mortar

The Heritage Lime Mortar is a lime-enhanced, fibre-reinforced mortar containing Portland cement. The Heritage Lime Mortar offers vapour permeability, with high adhesion due to the presence of reinforcing fibres within the mixture. It comes in a grey colour and is ideal for filling areas of substrate damage on Heritage properties, and due to its fast-setting attributes it is suitable for creating decorative features. The Heritage Lime Mortar comes as a dry-mix and is available in 25kg bags; it is suitable for heritage and renovation projects.

Intended Uses.

Intended for levelling a substrate, for use as a putty and for the renovation/restoration of decorative features e.g. for the filling and patching of cracks or cavities in facades. The Heritage Lime Mortar is also ideal for creating or repairing features on a property, for example external decorative features in heritage properties.



Technical Specification

Composition

Portland cement, calcium aluminate cement, microfibres, modifying supplements, mineral fillers.

Granulation

≤ 0.5mm

Dry mix consumption

c.a. 1.35 kg/m² per 1 mm of layer thickness

Soluble chromium VI content

≤ 0.0002%

pH-value at 20 °C

11.5-13

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

When using the Heritage Lime Mortar to level walls, you must first ensure that the substrate is clean and free of dust, debris, paints or anything that may affect adhesion. If the surface is dusty prior to starting the application process, then consider using a jet wash. If applying the EW1-294 Mortar to a particularly absorbent substrate, the substrate may need to be dampened with water before application or treated with the EW1-291 Heritage Lime Harling. If the substrate has a high presence of salt, the Heritage Lime NaCl should be applied prior to the mortar.

Product Preparation

Pour the 25kg mix into 6 litres of clean cool water and 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.

Application

Apply the Heritage Lime Mortar to the substrate using a spray machine or a plastering trowel and plastering spatula. The thickness it is applied at should range between 2-15mm. Once mixed with water, the Heritage Lime Mortar has a usability shelf life of approximately 30 minutes. Leave the mortar to set for at least 12 hours before performing any other work or applying other materials. Protect the mortar against extremes of weather during application and drying.

After application has been completed, the Heritage Lime Mortar must be left to dry for a minimum of 12 hours before it is completely set and before other materials can be applied.

Application Conditions

The possibility of performing further works

After c.a. 12 hours

Shelf life after mixing with water

Up to 30 minutes.

Water mixing proportions

c.a. 6.0 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.