

EWI-746F FINE FINISH LIME RENDER NHL 2 PRODUCT DATA SHEET

EWI-746F Fine Finish Lime Render NHL 2 is a dry-mix natural hydraulic lime finishing render and plaster formulated with NHL 2 as the primary binder for breathable render and plaster systems. Made with selected sands and performance-enhancing additives, it is designed to provide a finer finishing coat with good workability, vapour permeability and compatibility with traditional masonry backgrounds.

As part of the EWI Pro Lime Range, it is intended for projects where a breathable, lime-based finish is required and where a more compatible alternative to dense cement-based materials is preferred.

Intended Uses

EWI-746F Fine Finish Lime Render NHL 2 is intended for use as a fine finishing coat over EWI-746 Lime Render NHL 2 within breathable render systems.

It is suitable for internal and external applications where the binder strength is appropriate for the substrate, and is particularly well suited to heritage, conservation, refurbishment and breathable wall build-ups where moisture movement and substrate compatibility are important.

It can be finished by floating or sponging to achieve the required surface texture.



Technical Specification

Composition	Natural Hydraulic Lime, Natural Sands, Additives
Binder	NHL 2
Yield	Approx. 15 litres per 25kg
Coverage	Approx. 1.9m ² at 7mm thickness per 25kg
Aggregate	3mm down blended sand
Water Mix Ratios	4-4.7 litres per 25 kg
Application Method	Manual
Layer Thickness	5-7mm
Reaction to Fire	Class A1

Please note: These figures may vary based on the substrate and application method.

Directions for use

Substrate Preparation

Substrates must be sound, clean and free from dust, debris, loose material and other contaminants that may affect adhesion. Preparation should suit the condition and suction of the background. Dense or low-suction surfaces may need only minimal dampening, while more porous backgrounds should be dampened before application to help prevent rapid drying. The substrate should be damp but not saturated, with no standing water present. Prepare and protect the work area before application begins.

Product Preparation

Mix EWI-746F Fine Finish Lime Render NHL 2 with 4 to 4.7 litres of clean potable water per 25kg bag. Do not add admixtures or other materials. Do not increase the water content by more than 10%, as excess water may cause shrinkage and cracking.

Mix with a conventional mixer for 5 to 10 minutes, then allow the material to stand for 10 to 20 minutes before remixing thoroughly. If part bags are used, dry blend the contents first, as settlement can occur during storage or transport. Use full bags wherever possible to maintain consistency. Once mixed, the mortar has an open time of at least 14 hours, depending on conditions.

Application

EWI-746F Fine Finish Lime Render NHL 2 is applied as a finishing coat over lime render or basecoat. Apply at 5 to 7mm and finish by floating, with optional sponging depending on the required texture.

For false ashlar or similar lined finishes, maintain enough thickness to avoid drawing out the coarser aggregate beneath. In these applications, do not apply thicker than 8mm. For colour consistency across unpainted elevations, use material from the same batch across each elevation.

Application Conditions

Do not apply EWI-746F Fine Finish Lime Render NHL 2 when air or substrate temperatures are below 5°C, above 30°C, or where freezing conditions are expected. Freshly applied material must be protected from rain, wind, frost and rapid drying during and after application.

During curing, the render should be kept damp where necessary and protected from direct sunlight and drying winds for at least 2 weeks, and longer in colder conditions. Protection may include sheeted scaffolding, damp hessian or regular dampening in sheltered conditions.

Clean-up

Clean all tools, equipment and mixing containers with water immediately after use. Do not allow material to dry onto surfaces or equipment.

Packaging & Storage

EWI-746F Fine Finish Lime Render NHL 2 is supplied in 25kg polythene-lined paper bags and may also be available in tonne bags for larger orders. Store dry, unopened and clear from the ground, and protect all bags from water and damp. Opened or part-used bags should be resealed.

As dry material may settle over time, part bags should only be used if the contents are first decanted and blended dry. For best performance, use within 6 months of manufacture.

Compliance with Standards

EWI-746F Fine Finish Lime Render NHL 2 is manufactured in accordance with BS EN 998-1:2016. The formulation contains no Portland cement.

Safety Measures

EWI-746F Fine Finish Lime Render NHL 2 contains lime and should be handled with care. Avoid contact with skin and eyes, and wear suitable gloves, protective clothing and eye protection during handling and application. Avoid breathing dust, and keep the product out of reach of children. Wet material may cause irritation, dermatitis and burns. In the event of contact with skin or eyes, rinse immediately with clean water and seek medical attention where necessary. Refer to the relevant Safety Data Sheet for full guidance on handling and protection.

General Information

This data sheet replaces all previous editions. The information provided is based on current knowledge and practical experience, and while it has been compiled with care, it is not guaranteed to be accurate, complete or suitable for all applications. It is the responsibility of the user to verify the product's suitability for their specific use case. No legal obligations are established by this document.

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Address:

Unit 1-2 King George's Trading Estate,
Davis Road,
Chessington,
England,
KT9 1TT

Email:

info@ewipro.com

Phone:

0800 133 7072



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www.ewipro.com