EWIPRO Render Systems

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 formulated with NHL 2 as the primary binder. Made with natural hydraulic lime, selected sands and additives, it provides a breathable fine finish with good workability and compatibility with traditional masonry backgrounds.

It is intended for internal and external lime render systems where vapour permeability, moisture management and compatibility with traditional masonry are important.

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 and other suitable lime-based backgrounds.

It is suitable for heritage, conservation, refurbishment and selected new-build applications where a breathable lime finish is required. The surface may be floated or sponged to achieve the required texture.

Technical Specification

Composition	Natural hydraulic lime, natural sands and additives
Binder	NHL 2
Quantity Per Unit	25kg
Consumption	Approx. 1.9kg/m²/mm
Minimum / Maximum Thickness	3–7mm
Recommended Thickness	Approx. 3mm

Coverage Rate	Approx. 5m² per 25kg bag at 3mm
Yield	Approx. 15 litres per 25kg bag
Aggregate	3mm down blended sand
Water Mix Proportions	Approx. 4–4.7 litres of clean water per 25kg bag
Application Temperature	+5°C to +30°C
Reaction to Fire	Class A1

Please note: Thickness, consumption, coverage and time figures are indicative only and may vary depending on the substrate, application method and site conditions.

Please see the reverse of this page for directions for use.

Directions for use

Substrate Preparation

The substrate 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. More porous surfaces should be dampened before application, while dense or low-suction backgrounds may require only minimal pre-wetting. The substrate should be damp but not saturated.

Product Preparation

Mix EWI-746F Fine Finish Lime Render NHL 2 with approximately 4–4.7 litres of clean water per 25kg bag. Do not add admixtures or excessive water, as this may increase the risk of shrinkage and cracking.

Mix for approximately 5–10 minutes, allow the material to stand for 10–20 minutes, then remix thoroughly. Where part bags are used, dry blend the contents first to maintain consistency.

Application

This product is for manual application only and is not suitable for spray application.

Apply EWI-746F as a finishing coat over a suitable lime render or basecoat at a thickness between 3mm and 7mm, with approximately 3mm recommended for typical applications.

Finish by floating and, where required, sponge the surface to achieve the desired texture. For lined or decorative finishes, maintain sufficient thickness to avoid exposing coarser material beneath. Use material from the same production batch across each elevation where possible.

Application Conditions

Do not apply below +5°C, above +30°C or where freezing conditions are expected. Protect freshly applied render from rain, wind, frost, direct sunlight and rapid drying.

During curing, lightly dampen the surface where necessary and maintain suitable protection, particularly in cold or exposed conditions.

Clean-up

Clean tools, equipment and mixing containers with clean water immediately after use. Do not allow material to harden on tools or surrounding surfaces.

Packaging & Storage

Supplied in 25kg polythene-lined paper bags and may also be available in bulk bags for larger orders. Store unopened, off the ground and in dry conditions. Protect opened or part-used material from moisture. For best performance, use within 6 months of manufacture.

Compliance with Standards

Manufactured in accordance with BS EN 998-1:2016. The formulation contains no Portland cement.

Safety Measures

Wear suitable gloves, eye protection and protective clothing. Avoid contact with the skin and eyes and avoid inhaling dust. Wet lime-based material may cause irritation or burns. Refer to the relevant Safety Data Sheet for full handling, first aid and disposal information.

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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