

LIMELITE WHITEWALL ONE COAT PLASTER



PRODUCT DATA SHEET

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LIMELITE PLASTER PRODUCTS

JUL22

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Description

Limelite Whitewall One Coat Plaster is a moisture resistant, durable plaster designed to be applied using the same methods as traditional backing plaster and finished like a first class finishing plaster.

Limelite Whitewall One Coat provides a white, hard durable surface which does not need to be decorated and is highly resistant to impact damage.

Limelite Whitewall One Coat Plaster is not suitable for application onto plasterboard.

Uses

Limelite Whitewall One Coat Plaster is designed for use on cavity drain membranes and solid substrates, such as brick, block and stone.

The moisture resistance of the plaster makes it ideal for use with cavity drain membrane systems and tanking systems in underground and humid environments, such as basements, leisure centres and underground rail stations.

Typical Performance

Technical Data	
Density set and air dried	1000 - 1100 kg/m ³
Wet Density	1325 - 1460 kg/m ³
Compressive strength at 28 days (20°C)	10 N/mm ²
Flexural Strength at 28 days (20°C)	2.1 N/mm ²
Thermal conductivity (k) at 3% moisture by volume	0.3 W/m°C

Typical Coverage

Application Thickness	Area
10 mm	100 m ² / tonne
10 mm	2.5 m ² / 25kg bag

Figures do not allow for site wastage.

Fire Resistance

Non-Combustible as tested to BS476 Part4. 1970.

Model Specification

Limelite Whitewall One Coat Plaster is associated with the following NBS clause:

M20 Plastered/Rendered/Roughcast coatings

- 240 ONE COAT PROPRIETARY PLASTER

Mixing

For best results **Limelite Whitewall One Coat Plaster** should be mixed in a clean mixing vessel using a mechanical mixer such as a slow-speed drill and paddle mixer.

Fill bucket with between 8.75-11.25 litres of clean water and add 25kg of dry powder to the water and mix for 2-3 minutes until a smooth, homogeneous working consistency is achieved.

Allow to rest for 3 - 5 minutes, then re-mix back to consistency adding small amounts of water if necessary.

Application

Substrates should be cleaned and any loose or friable material removed. Traces of gypsum plaster, bitumen or other materials that could cause a barrier to adhesion must be removed.

Substrates should be primed with **Limelite Easy-Bond** and the first coat of plaster should be applied once the priming coat is tacky.

The plaster should be applied in coats between 7-15mm and a minimum of 24 hours is required between coats. A suitable horizontal scratch should be applied between each coat for a key.

Cavity Drain Membranes

The plaster should be installed following the cavity drain membrane system manufacturers instructions, but should not be installed thicker than 15mm in a single coat.

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Quality Control

Limelite products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001.

Clean Up & Spillages

Dry powders should be swept up and disposed of in accordance with Local Authority regulations.

Tools and equipment can easily be cleaned using water. Cleaning of tools and equipment should be carried out as soon as possible after application.

Packaging & Storage

Limelite Whitewall One Coat Plaster is available in nominal 25kg bags palletised and shrink wrapped.

Palletised **Limelite Whitewall One Coat Plaster** should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high. The product should be used on a first in – first out basis. Shelf life is a minimum of 3 months when properly stored but can be in excess of 6 months subject to temperature and humidity.

Individual bags of **Limelite Whitewall One Coat Plaster** should be stored in sealed original packaging in a dry location at temperatures between 5°C and 30°C. Avoid exposure to water, frost or heat - high temperatures and high humidity will lead to a reduced shelf life.

Health & Safety

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet.

Users are advised to wear protective clothing when using **Limelite Whitewall One Coat Plaster** including face mask, goggles, gloves and overalls when handling, mixing and applying this product. Skin contact should be avoided and any eye contact should be dealt with promptly by irrigation with clean water.

Information, Prices & Ordering

If you have any questions about choosing the right product for your particular job, or if you are ready to order, please call us on:

03444 63 00 46

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