

## Product Data Sheet

## LIMELITE RENOVATING PLASTER

### LIMELITE PLASTER PRODUCTS

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#### Description

**Limelite Renovating Plaster** is a Pre-blended and dry-bagged lightweight, cementitious plaster which has been developed to control dampness passing through traditionally constructed plastered. It can also be applied shortly after insertion of a new damp-proof course or system.

It is designed to have similar properties to a 1:1:6 cement:lime:sand plastering mortar, but with Perlite lightweight aggregate replacing the sand. Man-made fibres are incorporated into the mix to control shrinkage and improve flexural strength.

#### Uses

**Limelite Renovating Plaster** is used for plastering most traditional background materials during renovation work and also following the installation of a new damp-proof course or system.

#### Benefits

- Controls dampness passing through walls.
- Provides a barrier against salt transfer.
- Allows substrate to dry naturally
- Dries faster than gypsum based products.
- Fibres reduce cracking and crazing.
- Insulating properties due to perlite content.
- Reduced condensation on walls.
- Inhibits rusting of angle beads, conduits etc.
- Retards mould growth due to lime content

#### Compatibility

**Limelite Renovating Plaster** is compatible with most building materials. The waterproofing additive and lime content in Limelite Renovating Plaster minimises efflorescence and rusting of metal lathing, angle beads and conduits, at the same time controlling pattern staining and mould growth.

**Limelite plasters** are not recommended for use over plasterboard, similar paper faced building boards, backgrounds having a bituminous coating or traces of gypsum.

#### Fire Resistance

**Limelite Renovating Plaster** is non-combustible as defined in BS 476 : Part 4, and can be designated Class O in accordance with the requirements of the National Building Regulations for use as a surface finishing material.

#### Typical Performance

Technical Data	
Dry powder density	600 kg/m <sup>3</sup>
Density air dried	800 kg/m <sup>3</sup>
Density oven dried	725 kg/m <sup>3</sup>
Compressive strength at 28 days	3.0 N/mm <sup>2</sup>
Flexural Strength at 28 days	1.4 N/mm <sup>2</sup>
Modulus of Elasticity	2,100 N/mm <sup>2</sup>
Appearance as supplied	Fine grey powder
Appearance after application (dried)	Light grey keyed finish
Thermal conductivity (k) at 0% moisture by volume	0.13 W/m <sup>2</sup> °C
Thermal conductivity (k) at 3% moisture by volume	0.21 W/m <sup>2</sup> °C
Thermal resistance (R) at 13mm and 3% moisture by volume	0.058 m <sup>2</sup> °C/W

Thermal data above is obtained from CIBSE A3 Guide : Thermal Properties of Building Structures.

#### Typical Coverage

Thickness	Area
10 mm	120 m <sup>2</sup> /tonne
10 mm	3m <sup>2</sup> / 25kg bag

Figures do not allow for site wastage.

#### Durability

Providing the installation of the damp-proof course and application of the plaster has been carried out correctly, **Limelite Renovating Plaster** should remain effective as long as the damp-proof course or system itself.

## Model Specification

The plaster throughout to be **Limelite Renovating Plaster** and **Tarmac High Impact Finishing Plaster**.

Use in accordance with manufacturer's instructions.

## Quality Control

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

## Clean up and Spillages

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

## Packaging and Storage

**Limelite Renovating Plaster** is available in nominal 25kg sacks, palletised and shrink wrapped.

Palletised **Limelite Renovating 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 minimum 3 months when properly stored but could be in excess of 6 months subject to temperature and humidity.

## Health & Safety

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet. Users are advised to wear face mask, goggles, gloves and overalls when handling, mixing and applying cementitious products

Contains Portland Cement R38 - Irritating to skin, R41 - Risk to serious damage to eyes , S26 - In case of contact with eyes, rinse immediately with water and seek medical advice, S37/39 - Wear suitable gloves and eye/face protection. S2 - Keep out of reach of children Irritating to eyes and skin.

## Information Prices and Ordering

For technical information, pricing and to place orders contact our Technical Sales Office:

Telephone: 01283 550060.

Fax: 01283 550486.



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