

# LIMELITE RENOVATING PLASTER

## IDENTIFICATION

### Introduction

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

### Authority

Refer to BS 4049.

Use in accordance with recommendations in BS 5492.

## DESCRIPTION

### Composition and manufacture

**Limelite Renovating Plaster** is manufactured under strictly controlled conditions to ensure consistency.

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.

## DENSITY

Typical test results in kg/m<sup>3</sup>

Dry-Bulk as Supplied	600
Set and Air Dried	800
Set and Oven Dried	725

## APPEARANCE

Ex-Works as Supplied	Fine Grey Powder
Set & Dried after application	Light Grey keyed finish

## PERFORMANCE

### Strength

Based on typical results. N/mm<sup>2</sup> at 28 days.

Compressive	3.0
Flexural	1.4
Modulus of elasticity	2,100

### Effect of Moisture

Not impervious to water vapour, but will resist the passage of soluble salts.

### Biological

The special constituents including lime in **Limelite Renovating Plaster** ensure an alkalinity which inhibits mould growth.

### Thermal

<b>Moisture by Volume</b>	<b>0%</b>	<b>3%</b>
Thermal Conductivity (K) W/m°C	0.13	0.21
<b>Thermal Resistance (R)</b> at 13mm overall thickness m <sup>2</sup> C/W at 3% moisture by volume		0.058

*The above data obtained from CIBS A3 Guide : Thermal Properties of Building Structures, 1980.*

## 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.

## HEALTH & SAFETY

No hazard under normal conditions of use.

See separate data sheet 84/5A

## 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 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.

## **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.

## **APPLICATIONS**

### **Uses**

For plastering most traditional background materials during renovation work and also following the installation of a new damp-proof course or system.

## **MODEL SPECIFICATION**

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

Use in accordance with manufacturer's instructions.

## **INFORMATION, PRICES & ORDERING**

Regular orders for CMS Pozament products should be made by contacting our national order line on 01283 550060 giving as much notice as possible but not less than 48 hours.

New orders for CMS Pozament products should be made by contacting 01283 554800.



**Warning:** The advice shown on this sheet is given as a guide to good practice but CMS Pozament can accept no responsibility for any loss, damage or injury howsoever caused in following it.