

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 6100 – 6.2.

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/m³

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/mm² 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

Moisture by Volume	0%	3%
Thermal Conductivity (K) W/m°C	0.13	0.21
Thermal Resistance (R) at 13mm overall thickness m ² °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.

QUALITY CONTROL

Factory blended, tested and packaged in the UK for Adomast Ltd to quality control procedure in accordance with BS EN ISO 9001 Series.

PACKAGING AND STORAGE

Limelite Renovating Plaster is available in 25kg sacks, palletised and shrinkwrapped.

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.

