



TRITON RENOVATING PLASTER

IDENTIFICATION Pre-blended and dry-bagged, TRITON 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. Refer to BS 4049. Use in accordance with recommendations in BS 5492.

DESCRIPTION

Composition and manufacture

TRITON 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 TRITON 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

TRITON 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

COMPATIBILITY

TRITON RENOVATING PLASTER is compatible with most building materials. The waterproofing additive and lime content in TRITON RENOVATING PLASTER minimises efflorescence and rusting of metal lathing and conduits, at the same time controlling pattern staining and mould growth.

Triton plasters are not recommended for use over plasterboards, 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. TRITON 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.

HEALTH & SAFETY

No hazard under normal conditions of use. See separate material safety data sheet.

The information given in this data sheet is given in good faith and is based upon knowledge and experience of the materials used. However, since the application of the product is beyond the control of Triton Chemical Manufacturing Company. The Company cannot accept the responsibility for any loss or damage resulting from the use of the product outside the scope of the intended use and precautions set out in the data sheet.

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