

PRODUCT DATA SHEET : NO MORE DAMP RENOVATION PLASTER

Issue 2 (2019 04)
DPTDS08

PRODUCT DESCRIPTION

NO MORE DAMP Renovation Plaster is a BBA Approved, fibre reinforced, lightweight, cementitious plaster formulated for replastering after the successful installation of Wykamol's chemical damp-proof injection systems.

NO MORE DAMP Renovation Plaster is designed to have similar properties to a 1:1:6 cement:lime:sand plastering mortar. Perlite lightweight aggregates replace a proportion of the sand to improve thermal resistance and reduce condensation. Fibres are incorporated into the product to control shrinkage and improve flexural strength and special waterproofing additives along with a porous structure effectively control dampness & salt migration whilst allowing the wall to dry out.

TYPICAL USES

NO MORE DAMP Renovation plaster is used as part of Wykamol's Damp-proofing Systems for replastering after Ultracure Damp-Proofing Cream or Wykamol's liquid applied Damp-proofing chemicals have been used to create a remedial damp-proof course.

NO MORE DAMP Renovation Plaster can also be used in conjunction with Wykamol's basement systems such as HydraDRY or Wykamol's NO MORE DAMP Tanking System.

ADVANTAGES

- ✓ **EFFECTIVELY CONTROLS DAMPNESS & SALT MIGRATION**
- ✓ **FIBRE REINFORCED - ELIMINATES CRACKING & CRAZING**
- ✓ **BREATHABLE - ALLOWS SUBSTRATE TO DRY OUT NATURALLY**
- ✓ **PROVIDES INSULATING PROPERTIES**
- ✓ **REDUCES CONDENSATION ON WALLS**
- ✓ **RETARDS MOULD GROWTH**
- ✓ **INHIBITS RUSTING OF ANGLE BEADS, CONDUITS etc**
- ✓ **HIGH COVERAGE RATE**
- ✓ **LIGHTWEIGHT - EASY TO APPLY**



SUBSTRATE PREPARATION

Remove the existing plaster up to 30 cm - 50 cm above the highest visible line of the rising damp in accordance with BS 6576.

All traces of previous gypsum plaster must be removed. Any organic matter (including timber fixings) must be removed and, where appropriate, fixing points which necessitate cutting into the background prepared.

Following chemical damp-proof injection, masonry joints should be thoroughly raked out and the face of the brickwork brushed with a wire brush or scraped adequately until the original masonry is visible.

All surfaces should be thoroughly cleaned to remove dust or other friable material which could prevent adequate adhesion to the substrate. Clean, dry substrates should be pre-wetted prior to application to control suction. Low suction and smooth backgrounds should be primed using Wykamol SBR Latex. High suction surfaces should be thoroughly wetted or primed using Wykamol SBR latex liquid. Smooth dense surfaces must be abraded to provide a mechanical key or Wykamol SBR bonding primer used.

Where extremely high levels of salt contamination are present, or suspected, further preparation may be required or alternatively Wykamol's NO MORE DAMP "Damp Stop Eco Mesh membrane" may be a better solution.

If doubt exists as to the extent or nature of the salt contamination contact Wykamol's Technical Department for advice.

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MIXING

When mixing NO MORE DAMP Renovation Plaster -
USE CLEAN WATER ONLY.

Recommended water additions:

Pack Size	Trowel application
20 Kg's	9.0 - 11.0 litres

Mechanical mixing:

1. Place the recommended amount of clean water into mixing bucket.
2. Using an electric paddle mixer, gradually start to add the powder whilst mixing under slower shear to reduce dust generation.
3. Add all powder, increase mixing shear and mix for approx. 3 - 4 minutes to achieve a uniform lump free plaster.

Note: Excessive mechanical mixing should be avoided. Mechanical mixing time must not exceed 5 minutes. If required, add small amount of water to obtain desired application consistency.

Hand mixing:

Hand mixing should be carried out in a clean tray or bath.

1. Add half the contents of the bag to the recommended water addition and mix.
2. Add the remainder of the bag and mix.
3. If required, add small amount of water to obtain desired application consistency.

ONCE MIXED ALLOW RENOVATION PLASTER TO STAND FOR 5 MINUTES BEFORE USE

NO MORE DAMP Renovation Plaster should be used as detailed and in accordance with the recommendations in



APPLICATION

BS EN 13914-2: 2005 Code of Practice for Interior Plastering.

NO MORE DAMP Renovation Plaster is applied in maximum 10-12 mm layer thicknesses. If greater thicknesses are required additional coats can be applied.

2 coat application: First apply a rough coat of approximately 6 mm - 12 mm thickness, depending on the final thickness required. Typically after a few hours the application of the second coat can take place. Apply the second coat 10 - 12 mm layer thickness. The surface should be combed or lightly scratched between coats and prior to the application of the finishing coat to provide a mechanical key.

If a thickness of > 20 mm is required, this can be built up using subsequent layers of up to 10 mm, ensuring that the previous coat of plaster is firm and dry before continuing.

Once mixed NO MORE DAMP Renovation Plaster has a 30 - 60 minutes pot life depending upon temperature and humidity. If the product starts to stiffen, do not attempt to rework or remix. Angle beads must not be fixed using gypsum based materials. If the floor is solid, a 50 mm gap should be left between the plasterwork and floor level.

Under no circumstances should the damp-proof course be bridged.

Typical coverage - 10 mm layer thickness : Approx 3 m² / 20kg bag

APPLICATION CONDITIONS AND LIMITATIONS

Do not apply Wykamol Renovation Plaster to substrates with temperatures below 5°C and rising or if the ambient temperature is below 5°C or expected to fall below 5°C within 24 hrs.

NO MORE DAMP High Impact Plaster Finish is the only recommended and tested finish to be used on top of NO MORE DAMP Renovation Plaster.

FINISHING

Leave NO MORE DAMP Renovation Plaster to set for a minimum of 24 hours before applying NO MORE DAMP High Impact Finish (see relevant datasheet for application instructions).

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FINISHING CONTINUED

In cold or damp conditions, or for plasterwork thicker than 20 mm, the drying time will be prolonged and application of the skim coat should be delayed.

Avoid rapid drying out of the finishing plaster. Where scratch coats are left as a finish a high quality wood float finish may be used.

After insertion of a DPC the residual water in the wall must evaporate before normal dry conditions are achieved. All replacement skirting etc. should be either pretreated or treated with a suitable preservative e.g. Wykamol's Lignum PRO D 156.

DECORATION

Impermeable decorative finishes, including tiles, should not be applied until the background and plaster are dry. During this period only use permeable emulsion paints for final decoration purposes.

Allow 12 months dwell time before permanent decoration is considered.

TECHNICAL DATA

Essential characteristics	Performance
Reaction to Fire	A 1
Compressive Strength at 28 days	4 N/mm ²
Flexural Strength at 28 days	1.8 N/mm ²
Adhesion	> 0.3 N/mm ²
Water vapour diffusion	$\mu \leq 15$
Dry bulk density	600 - 700 kg/m ³
Thermal conductivity	< 0.20 W/mK

PACK SIZES AND COVERAGE

Product Code	Pack Size	Coverage
RENPLA	20 KG	3 m ²

STORAGE

Store in cool, dry conditions off the ground. Protect from all sources of moisture and frost.

SHELF LIFE

6 months from date of manufacture.

HEALTH AND SAFETY

For further information and advice please contact the Wykamol Technical Department and consult the Safety Data Sheet which is available upon request or can be downloaded from our website.

