

RENOVATION PLASTER

Renovation Plaster is a BBA approved, fibre reinforced, lightweight, cement/lime plaster formulated for a range of applications, including replastering after the successful installation of Wykamol's chemical damp-proof course (DPC).



Wykamol **Renovation Plaster** is designed to have similar properties to a 1:1:6 cement:lime:sand plastering mortar. Lightweight, perlite aggregates replace a portion of the sand to reduce heat loss and condensation.

Fibres are incorporated into the product to control shrinkage and improve flexural strength. In addition, special waterproofing additives along with a porous structure effectively control dampness and salt migration whilst allowing the wall to dry out.

Wykamol Renovation Plaster can also be used in conjunction with Wykamol's basement systems such as HydraDry or Tanking Slurry.

ADVANTAGES

- Contains perlite for improved thermal performance.
- Prevents formation of black mould.
- Reduces risk of condensation.
- Easy to use - very light weight and premixed for quality control.
- Prevents damp and salt migration.
- Fibre reinforced - eliminates cracking.
- Inhibits rusting of angle beads, conduits etc.
- 20 kg bag for safe manual handling.

TYPICAL USES

Renovation Plaster is used as part of our damp-proofing systems for replastering after a DPC, using products such as Ultracure or our liquid applied damp-proofing chemicals. Ideal for areas which are prone to condensation, such as kitchens and bathrooms.

TECHNICAL DATASHEET

SUBSTRATE PREPARATION

As part of a DPC:

Remove all existing plaster affected by hygroscopic salts, as well as plaster up to 300 mm above the last detectable sign of rising damp/ salt contamination, in accordance with BS 6576.

Where extremely high levels of salt contamination are present, or suspected, further preparation may be required or alternatively Wykamol's CM3 Mesh Dampproofing Membrane may be a better solution.

If doubt exists as to the extent or nature of the salt contamination, or if the substrate is LIME-BASED, contact Wykamol's Technical Department for a precise specification.

Universal Mortar backing coat:

To prepare substrate for an application of Renovation Plaster, 5 - 10mm of Universal Mortar should be applied. Remove by suitable means, any remaining plaster, wood, dust, grease, oil, organic growth or other foreign materials that may cause contamination or adversely affect adhesion properties.

Priming:

- Using a brush, roller or spray apply SBR Latex, mixed 1:1 (by volume) with water.
- Allow to become tacky to the touch. This will take approx. 30 minutes to 2 hours.

For Universal Mortar application instruction please refer to the relevant data sheet, which is available upon request or can be downloaded from our website. Ensure Universal Mortar is well keyed and stable, but not fully set, prior to application of Renovation Plaster. This is achieved between 3 - 12 hours.

General use and Tanking Systems:

Follow the substrate preparation outlined above and stop all active water leaks using Waterstop (rapid setting plugging compound). Once all leaks are plugged, prime substrate and apply Universal Mortar backing coat, as outlined above.

Apply either HydraDry or Tanking Slurry in line with relevant data sheet, which is available upon request or can be downloaded from our website. Ensure tanking slurry is fully set before applying Renovation Plaster. This is achieved in approximately 48 hours.

MIXING

When mixing Renovation Plaster use ONLY CLEAN WATER, a clean mixing vessel and a mechanical mixer.

Required water additions:

Pack Size	Trowel application
20 kg	9.0 - 11.0 litres

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 low shear to reduce dust generation.
3. Add all powder, increase mixing shear and mix for approx. 1 - 3 minutes to achieve a uniform lump free plaster.

Note: Excessive mechanical mixing should be avoided Mechanical mixing time must not exceed 5 minutes as will compromise the thermal properties of the product. Excess water addition can lead to efflorescence in the top coat finish.

APPLICATION

Wykamol Renovation Plaster should be used as detailed and in accordance with the recommendations in BS EN 13914-2 Code of Practice for Interior Plastering.

As part of a DPC:

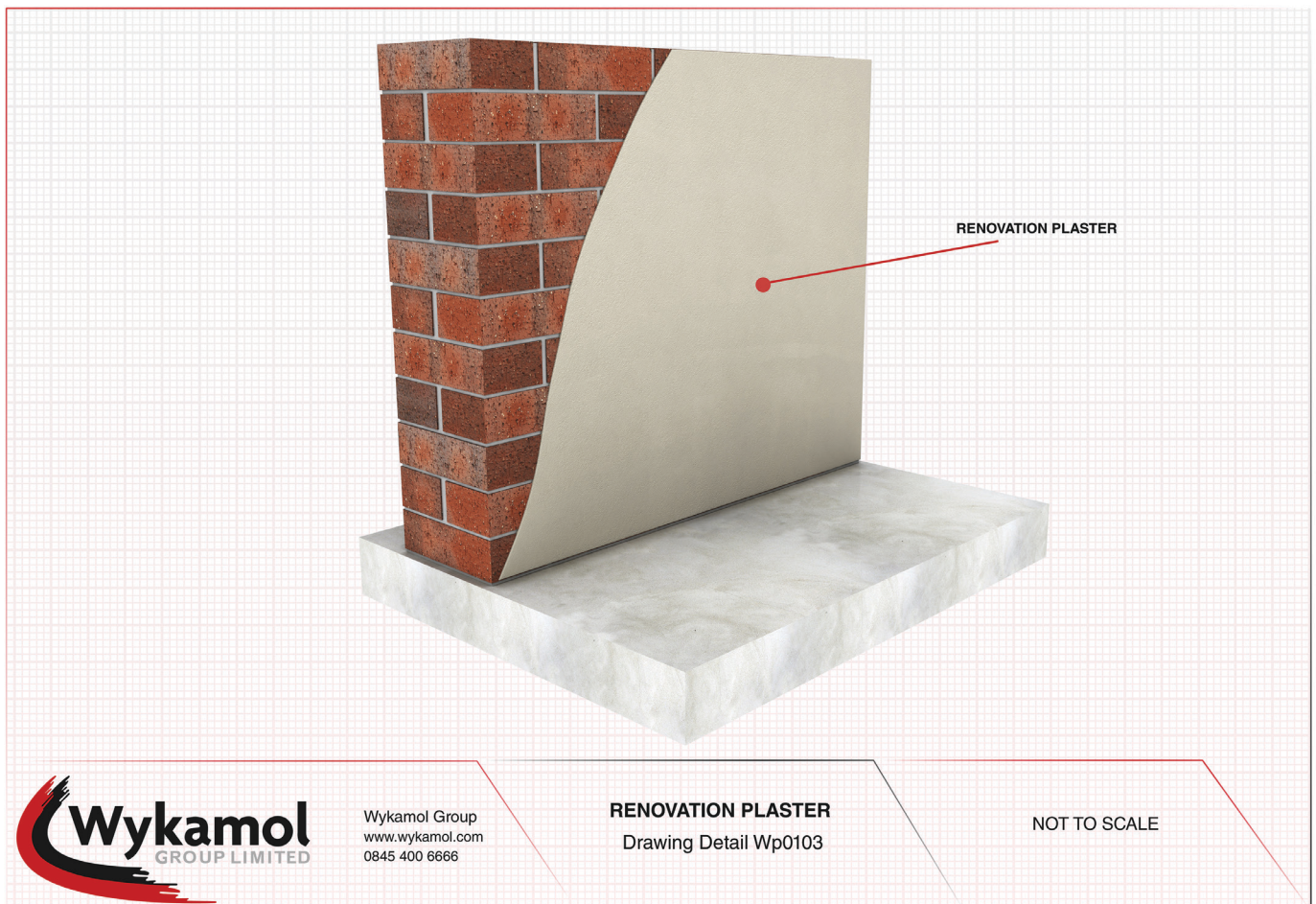
UNDER NO CIRCUMSTANCES SHOULD THE DAMP-PROOF COURSE BE BRIDGED.

All Applications:

Apply Wykamol Renovation Plaster using standard rendering techniques to a minimum thickness of 10 mm. A maximum of 15 mm can be applied in one working operation. If more than 15 mm thickness is required, apply a rough 1st coat at a maximum thickness of 10 mm.

Ensure layer is well keyed and stable, but not fully set, prior to application of subsequent layers. This is achieved between 4 and 12 hours.

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FINISHING

Leave Wykamol Renovation Plaster to set for a minimum of 48 hours before applying High Impact Plaster Finish. Apply in line with relevant data sheet, which is available upon request or can be downloaded from our website.

NOTE: Wykamol's High Impact Plaster Finish is the only tested finishing plaster which will interact with Wykamol's replastering system as intended.

If finish coats other than High Impact Plaster Finish are applied, we cannot guarantee the system will work as intended. 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 Microtech Dual Concentrate.

DECORATION

Allow High Impact Plaster Finish to dry for a minimum of 24 hours before applying decorative finishes.

Breathable paint must be used if High Impact Plaster Finish has been applied as part of the Replastering System, after a DPC.

If redecoration is to occur 12 months after the DPC installation, non-breathable finishes may be used.

If permanent and impermeable finishes are being considered, e.g. non-breathable paints or wallpaper, the moisture content of the plaster and background must be in line with the recommendations of the supplier of the chosen finish.

CONDITIONS & LIMITATIONS

WYKAMOL DOES NOT RECOMMEND MULTI-FINISH AS A TOP COAT.

The product should not be applied in temperatures under 5°C and falling or if temperatures are expected to fall below 5°C within 24 hours. Ensure the substrate temperature is not below 5°C before commencing application.

CURING & VENTILATION

While curing, ensure Renovation Plaster is protected from strong, drying winds. Cure for a minimum of 48 hours before applying High Impact Plaster Finish. If Renovation Plaster coat is thick (more than 15 mm), ambient conditions are cold and damp, or when applying to a tanking slurry, this will extend curing time (approx. 72 hours).

PACK SIZE AND COVERAGE

Pack Size	Product Code	Coverage at 10mm
20 kg	RENPLA	up to 3m ²

STORAGE & SHELF LIFE

Store in cool, dry conditions off the ground. Protect from all sources of moisture and frost. Shelf life is 6 months from date of manufacture, when unopened, undamaged and stored correctly.

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.



Boran Court, Network 65 Business Park, Hapton,
Burnley Lancashire BB11 5TH
t: +44 (0)1282 473 100 e: info@wykamol.com
www.wykamol.com

Unit 3-5 Crayford Commercial Centre,
Greyhound Way, Kent, DA1 4HF
t: +44 (0)1322 318 830 e: info@tritonsystems.co.uk
www.tritonsystems.co.uk

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