

## HIGH IMPACT PLASTER FINISH

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**High Impact Plaster Finish** is highly durable and designed to provide a quality, long-lasting finish over Wykamol's Renovation Plaster, or a range of other substrates, including existing gypsum plaster, plasterboard and lime based backgrounds.

High Impact Plaster Finish should be used as part of the Replastering System, after the installation of a damp-proof course. It is also an ideal product to use as part of flood remediation due to its breath-ability and domestic commercial environments such as hospitals, schools and childrens nurseries which are prone to accidental damage.

### 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

High traffic commercial environments such as hospitals and children's nurseries, Domestic environments which are prone to accidental damage, such as family homes, As a finish over plasterboard, As a finish over existing gypsum plaster and lime backgrounds, As part of flood remediation works.

## SUBSTRATE PREPARATION

**A scratched finish should have been achieved prior to the curing process.**

- Prime the Renovation Plaster or existing gypsum/ lime plaster finish with SBR Latex, mixed 1:1 with water.
- Allow to become tacky to the touch. This will take approx. 30 minutes to 2 hours.

### When applying to plasterboard

- Wykamol recommends an application of SBR Latex, mixed 1:1 with water, to prime the plasterboard.
- Allow to become tacky to the touch. This will take approx. 30 minutes to 2 hours.

### When applying to other existing plaster

- Ensure existing plaster is clean, level and in good condition. If this is not the case, existing plaster should be removed.
- Prime with an application of SBR Latex, mixed 1:1 with water.
- Allow to become tacky to the touch. This will take approx. 30 minutes to 2 hours.

**Please note:** High Impact Plaster Finish is not suitable for application onto sand/cement mixes and should only be used for interior plastering works.

**When applying to renovation plaster or existing gypsum/lime plasters.** Refer to the relevant datasheet for Renovation Plaster application instructions. Allow Renovation Plaster to cure for at least 24 hours, dependent on ambient temperature.

## MIXING

When mixing High Impact Plaster Finish use ONLY CLEAN WATER, a clean mixing vessel and a mechanical mixer.

Required water additions:

| Pack Size | Water Addition |
|-----------|----------------|
| 20 kg     | 6.5 - 7 litres |

1. Pour 6.5 Litres of clean water in to the mixing vessel.
2. Using an electric paddle, gradually start to add the powder whilst mixing under low shear to reduce dust generation.
3. Add all powder and increase mixing shear.
4. Mix for 1-3 minutes to achieve a uniform, lump free plaster.
5. If necessary, gradually add water and mix until desired consistency is achieved. Only add a maximum of 0.5 Litres.

**Note:** Excessive mechanical mixing should be avoided. Mechanical mixing time must not exceed 5 minutes.

## APPLICATION

High Impact Plaster Finish is applied in a single coat at a thickness of 2 - 5 mm.

**Note:** Do not apply at a thickness less than 2 mm or the high impact properties will not be achieved.

## FINISHING

Allow the plaster to sufficiently harden before levelling with a stainless steel trowel. This is typically 40 - 70 minutes. Use typical plastering techniques to achieve desired finish.

## CONDITIONS & LIMITATIONS

High Impact Plaster Finish is not suitable for application on to sand/cement mixes and should only be used for interior plastering works. The product has a matte finish and should therefore not be overworked.

The product should not be applied in temperatures under 5°C and rising 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.

## DECORATION

Allow High Impact Plaster Finish to dry for 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 6 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.

## PACK SIZE AND COVERAGE

| Pack Size | Product Code | Coverage at 2mm                              |
|-----------|--------------|----------------------------------------------|
| 20 kg     | NMDHIPF20    | up to 8m <sup>2</sup> dependent on substrate |

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## 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, if 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.



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