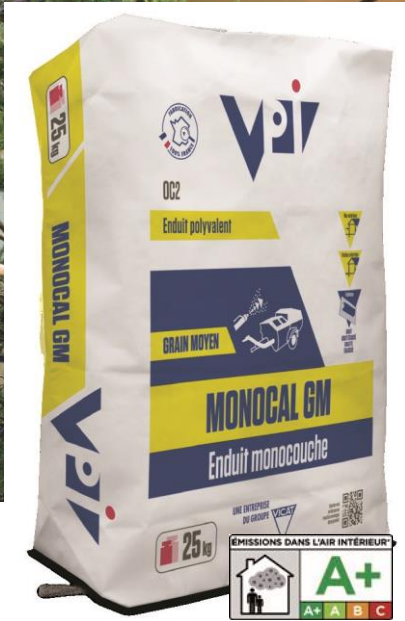


MONOCAL GM/GF

Through Coloured, Weather-Resistant, Decorative Render
54 Standard Colours



MONOCAL GM/GF - Through coloured, one coat, semi-lightweight, weather resistant and breathable decorating render for vertical masonry and concrete walls.

Finishes:

Medium / Fine Finish
Spray Texture
Smooth Finish
54 Standard colours

SUBSTRATES

Masonry and walls conforming to BS 5628-3 and constructed from the following:

- Brickwork & Stonework
- Lightweight, & Dense Aggregate Blockwork
- Clay/Clinker Blocks – PoroTherm
- Concrete
- Aircrete/Aerated light-weight Blocks
- Well bonded existing un-painted render
- VPI - Specified Base Coats
- Below DPC applications – as specified by VPI

SUPPORTING PRODUCTS

- Accolor 2 – Substrate Primer
- TradiBatard
- RenoPass Inter – Painted Substrates
- RenoJet
- VPI Mesh
- VPI Latex
- VPI FLASH

TECHNICAL CHARACTERISTICS

Cement, Lime, sand and mineral pigmented ready to use render.

PERFORMANCE @ +20°C

Type: OC2
Compressive Strength: CSII
Capillary Absorption: W2
Vapour Permeability: $\mu \leq 35$
Reaction to Fire: A1 – Non-Combustible

APPLICATION CONDITIONS

- Temperature: +5°C +30°C.
- Do not apply in wet weather
- Do not apply if there is a risk of Frost or Freezing Conditions

PRECAUTIONS FOR USE

To protect your health and the environment, and for safe use of this product, follow the precautionary statements which are labelled on the packaging. You will find the safety instructions for this product in the Safety Data Sheet.

SUBSTRATE PREPARATION

Please contact VPI UK Ltd for specific application procedures

- Substrate must be clean, dry, dust free: e.g: formwork oil, curing agent...
- Construction should conform to BS 5628 code of practice for use of masonry
- Remove excess render/plaster
- On Low and High suction substrates apply Accolor 2
- VPI Mesh must be applied to all openings including windows, doors and all protrusions e.g air vents.
- On wet substrates apply a slurry/key coat of Monocal GM/GF or approved base coat with VPI Latex – 1 part VPI latex to 3 parts water.

PRODUCT PREPARATION

Ensure the guidance for mixing including water settings/proportions are followed.

- Mix 6.3 - 6.8 Litres of clean water per 25kg bag
- Product should be continuously mixed for a minimum of 5 minutes
- For machine application 10-12 water pressure

Information provided in this document is based on our knowledge and experience of the products supplied, application results can vary depending on the application methods and skill of the installer of the products. Before application of the products in the information sheet it is recommended to check if this is the most current and up to date version of the document.



MONOCAL GM/GF

Through Coloured, Weather-Resistant, Decorative Render
54 Standard Colours



VPI UK Ltd can provide project specific application procedures and specifications that meet the guidance set out by the NHBC in the guidance for render 6.11 2017. The VPI range of cement/lime renders are supplied ready to use only the addition of clean water is required for mixing and application via hand or spray application.

PRODUCT OPEN TIMES AT 20°C

- Product useable life: 1 Hour
- Time between coats: 4 Hours to 3 Days
- Setting times 3 to 8 Hours

APPLICATION:

Please refer to the substrate preparation requirements for High Exposure or Coastal locations please refer to VPI guidance for enhanced weather protection in increase exposure zones. Monocal GM/GF can be applied by hand or bay machine application.

WEATHERPROOFING COAT ONTO SUITABLE MASONRY

SUBSTRATES:

SCRAPED FINISH

Apply in one coat for spray application or two coats for hand application a compact, lined and level 18mm coat of Monocal GM/GF to the substrate, level and line using a straight edge, trowel, spatula to flatten the surface ensuring all air pockets are removed from the render. When sufficiently cured between 3-10 hours depending on weather conditions scrape the surface using a "I Bar" or "H Section" to ensure the render surface is flat/free of undulations and finish using a scraping tool to leave a 15mm finished thickness of render. The finish should be an even texture, colour and finish leaving an aesthetically pleasing finish.

Adjoining elevations must be finished at the same time using the same application method and the same curing time to ensure colour consistency.

Ensure all rendered areas should be checked to ensure there are no surface imperfections or defects such as "misses" which should be removed at the finishing stage.

Total finished render thickness should be a minimum of 15mm.

SPRAY TEXTURE / ROUGHCAST FINISH

Apply in one coat for spray application or two coats for hand application a compact, lined and level 10-12mm coat of Monocal GM/GF to the substrate, level and line using a straight edge, trowel, spatula to flatten the surface ensuring all air pockets are removed from the render.

Allow first coat of MonoCal GM/GF to dry for between 3 & 10 Hours and apply using a Tyrolien gun or render machine a textured finish 4-6mm thick depending on required texture building up textured finish in layers to ensure the first coat of Monocal GM/GF is fully over coated. The more coats applied the heavier the texture that will be achieved

DECORATION COATINGS ONLY – APPLICATION ONTO

EXISTING WEATHERPROOF SUBSTRATES:

SCRAPED FINISH

Apply in one coat for spray application or two coats for hand application a compact, lined and level 12mm coat of Monocal GM/GF to the substrate, level and line using a straight edge, trowel, spatula to flatten the surface ensuring all air pockets are removed from the render. When sufficiently cured between 3-10 hours depending on weather conditions scrape the surface using a "I Bar" or "H Section" to ensure the render surface is flat/free of undulations and finish using a scraping tool to leave a 10mm finished thickness of render. The finish should be an even texture, colour and finish leaving an aesthetically pleasing finish.

Adjoining elevations must be finished at the same time using the same application method and the same curing time to ensure colour consistency.

Ensure all rendered areas should be checked to ensure there are no surface imperfections or defects such as "misses" which should be removed at the finishing stage.

Total finished render thickness should be a minimum of 15mm.

SPRAY TEXTURE / ROUGHCAST FINISH

Apply in one coat for spray application or two coats for hand application a compact, lined and level 6-8mm coat of Monocal GM/GF to the substrate, level and line using a straight edge, trowel, spatula to flatten the surface ensuring all air pockets are removed from the render.

Allow first coat of MonoCal GM/GF to dry for between 3 & 10 Hours and apply using a Tyrolien gun or render machine a textured finish 4-6mm thick depending on required texture building up textured finish in layers to ensure the first coat of Monocal GM/GF is fully over coated. The more coats applied the heavier the texture that will be achieved

CONSUMPTION

Finished Thickness - 15mm – Scraped – 1 to 1.2m² / 25kg bag
Finished Thickness - 10mm – Scraped – 1.3 to 1.5m² / 25g bag

PACKAGING

25kgs bags – 48 bags per pallet

STORAGE

18-month shelf life – Stored in a cool dry, environment without contact with the ground at a consistent temperature.

HEALTH & SAFETY

Suitable protective clothing required when handling and using this product. The product contains materials which can cause an allergic reaction, irritation to eyes and harmful consumed.

Seek medical advice In case of contact with eyes.

Keep out of the reach of children and minors.

Always read and follow the guidance set out in the Health and Safety data sheet for this product.

