

PARMUREX

ONE COAT WEATHER RESISTANT GREY RENDER
(CAN BE USED AS A FINISHING COAT)

PAREX
Building expertise, together



FINISHES

SPONGE AND FLOAT SMOOTHED*
FINE SCRAPED
SPRAY TEXTURED
SMOOTH SPRAY TEXTURED
TROWEL SMOOTHED*



DESCRIPTION

One-coat weather resistant grey render for internal and external walls. Suitable as a grey coat finishing render or as a base coat for receiving a Parex decorative finish. e.g. MONOREX GM & MONOREX GF, MONOBLANCO, DPR COATING, DPR COATING, CRYLANE, DPR, & REVLANE+, SILICANE, SILOXANNE, SKALCEM 100, 630 CERASTONE, 632 SPRAYSTONE, MICAMAX.

SUBSTRATES

SUITABLE FOR

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

- Dense aggregate concrete blocks.
- Dense bricks.
- Breeze blocks (clinker).
- Stone/rubble stone.
- Shuttered concrete.
- Clean, sound, well adhered existing render.
- Base coats conforming to BS EN 13914-1
- Below dpc applications and old substrates in accordance with BS8000 - 4 Code of Practice for Waterproofing - consult Parex for guidance.

UNSUITABLE FOR

- High-suction, weak or old substrates.
- Ultra-lightweight & lightweight aggregate concrete blocks, clay blocks e.g. Porotherm, standard low and normal density lightweight aircrete blocks.
- Dry stacked inter-locking modular wall units e.g. Durisol, Velox etc
- Weak mortar or plaster coated constructions.
- Exposed vertical substrates with a backward incline above 10° - a backward incline may affect water run off and may have a tendency to hold moisture.

FINISHES

- Fine Scraped
- Sponged or Float Smoothed*
- Trowel Smoothed*
- Spray Textured - from tyrolean style to heavy roughcast effect.

For additional information on the finishes refer to the data sheet on Textured Finishes.

TECHNICAL CHARACTERISTICS

COMPOSITION

Hydraulic mortar containing:

- Cement, lime, siliceous and calcareous sands, mineral pigments and specific admixtures.

Granulometry: 0 - 2.5mm

PERFORMANCES

- **Type:** OC3
- **Compressive Resistance:** CS IV
- **Capillary absorption:** W2
- **Reaction to fire:** A1
- **Vapour permeability:** $\mu \leq 25^*$
- **Vapour resistance:** $Sd \leq 0,25$ m (for a 10mm thickness)

* Coefficient of resistance to water vapour diffusion of the coating

SUPPORTING PRODUCTS

- AXEL 3000 - Accelerator
- TARDEX - Retarder
- MICRO GOBETIS 3000 or FIXOPIERRE - Primer/suction control/sealer/bonding coat
- PARAGUARD - Lotus effect water / stain repellent
- 751 LANKOLATEX - Primer/suction control/sealer/bonding coat
- TV10 MESH - Reinforcing mesh

INSTRUCTIONS

SUBSTRATE PREPARATION

- Substrates must be clean, sound, dust free and free of any material which may prevent adhesion.
- Remove all traces of plaster, paint, etc.
- Construction of the masonry must be compliant with BS 8000-3.
- On shuttered concrete and other non-absorbent substrates, first apply a coat of ready-to use MICRO GOBETIS 3000 or a key-coat made up by adding 0.5 litres of 751 LANKOLATEX to the mixing water volume for 30kg of PARMUREX.
- On wet or wet patchy substrates or where different materials have been used it is advisable to apply a key coat made up by exchanging 0.5 litres of water for 0.5L of 751 LANKOLATEX or FIXOPIERRE for the mixing volume for a 30kg bag of PARMUREX. Allow the key coat to fully dry a minimum of 48 hours before the application of the next coat. This suggestion will assist against the effect of 'block ghosting' and shade variation.
- TV10 MESH may also be required, dependent upon substrate condition and project specification.

*The float/sponge/trowel smoothed finishes may vary in appearance, particularly due to different factors such as the line and level and condition of the substrate or the appearance of a slurry finish caused by over floating the surface. The latter may produce some micro cracking effect on the render surface which may affect the aesthetical appearance but does not affect its durability.

Advisory note

- Due to shrinkage differentials, avoid applying a thin base coat and a thicker top coat application as the shrinkage values of a thicker top coat could cause the render to delaminate from the base coat. The same effect is also caused by applying a very hard render over a softer base coat.
- Always refer to the Parex mesh application details.
- To avoid shade variations always apply and finish the render application to whole elevations at the same time.

- Suitable for diesel and electric spray machines
- Water repellent in one coat
- Excellent for float smoothing
- Only suitable for strong dense substrates

A full range of project specifications for different substrates and systems using Parex products are available through the NBS Scheme or directly from Parex Ltd. Visit the Parex website for regular updates, a Pre-Render Inspection form or refer to the PAREX TECHNICAL INFORMATION SHEETS for additional guidance.

EQUIPMENT REQUIRED

Application by machine	SPRAY RENDER MACHINE	CONSTANT MIX & PUMP MACHINE
■ Pump pressure	10 – 12 bar (water)	2.5 – 6 bar (water)
■ Pumping distance/height	Up to 120m/60m approx	Up to 50m/30m approx
■ Power source	Diesel	Electric

PRODUCT PREPARATION

■ Water ratio: 4.6 – 5.1 litres per 30 Kg bag		
■ Machine mixing time	3 - 5 minutes	
■ Cement mixer mixing time		5 minutes

APPLICATION

- Refer to and comply with the Substrate Preparation first.
- For very severe wind driven rain index locations, high exposure or coastal zones please contact Parex for additional guidance as the render thickness may need to be increased and additional surface treatment may be recommended.
- Ensure the product is mixed correctly with the correct water content and do not allow the render to cure too quickly as surface holes in the render could occur.

SUITABLE FOR

- Machine or manual applications.

FOR WEATHERPROOFING CONCRETE BLOCK AND MASONRY SUBSTRATES

- Flood smoothed finishes for receiving a painted / decorative finish or surfaces left as a grey coat render.

Apply 1st coat, level, ruled, lined to a depth of 10mm thick and leave with a toothed trowel finish ready to receive the second coat. For the finish, apply a minimum 5mm coat and finish using a stainless steel trowel, wooden, plastic or sponge float according to the desired effect.

- **For a base or key coat finish for receiving an additional decorative render finish.**

Apply one level, ruled, lined and compact 10 mm thick coat and leave with a toothed trowel finish.

- **For a base or key coat finish for receiving tiling or a brick slip finish.**

Apply one level, ruled, lined and compact 15 mm thick coat and leave with a toothed trowel finish.

APPLICATION TO WATERPROOF SUBSTRATES (e.g. concrete)

- Flood smoothed finishes for receiving a painted / decorative finish or surface left as a grey coat render. Apply a single coat between 7 - 8 mm thick, float-finishing as you progress using a stainless steel trowel, wooden, plastic or sponge float finish according to the desired effect. For thicker applications, apply 2 coats as for float finished weatherproofing coating.

IMPORTANT NOTE

- PARMUREX applied to concrete must not be covered with tiling as additional waterproofing requirements may be required. Contact Parex.

Avoid using AXEL 3000, ALGIREX or 751 LANKOLATEX in the top coat application of the trowel, float or sponge smooth finish.

CONSUMPTION

Coverage is provided as guidance only, excludes wastage and will vary subject to substrate conditions and thickness applied.

USES	WEATHERPROOFING COAT	DECORATION
Substrate	Concrete blocks, bricks, etc	Concrete, base coat renders, etc
Float smoothed	1.5 - 1.6m ² @ 15mm/30kg bag	2.0 - 2.1m ² @ 10mm/30kg bag

SUITABLE OVERCOATING MATERIALS

After a minimum of 7 days drying time.

- Any of the PAREX range of one-coat rendering mortars, e.g. MONOREX GM / MONOREX GF, BLANC DU LITTORAL, MONOBLANCO etc. applied to an even thickness, with a minimum overall covering thickness of 5 mm before applying a spray textured, smooth spray textured or float finish and 8 - 9mm for a scraped finish. Ensure a minimum 15mm overall finish is achieved.
- SKALCEM 100 cement based coating.
- Parex Brick Slip System.
If PARMUREX is to be used to create the finishing Scraped, or Textured finishes, contact Parex for additional guidance or follow the application guidance on the MONOREX GF, BLANC DU LITTORAL or MONOBLANCO data sheets.

Apply after a minimum of 21 days drying time.

- Paint, acrylic, mineral and silicone based coatings e.g. PAREX DPR / REVLANE+, SILICATE & SILOXANNE, CERASTONE / SPRAYSTONE finishes, waterproofing systems.
- Bonded ceramic wall tiles applied in compliance with BS8000-11.1:1 & BS8000-11.2:1

PRECAUTIONS

- Product intended for professional use.
It is advisable when completing the different finishes, to take into account the hardening time, which will vary according to climatic conditions.
- Avoid applications on substrates exposed to direct sun or in hot drying winds.
- Do not apply on over heated substrates. In hot condition dampen the substrate prior to application. Dampen the render after application.
- Do not apply to a frozen substrate or on thawing substrates. Do not use in freezing conditions. Take precautions during damp climatic conditions. Discolouration could occur).
- Do not apply on very wet substrates or where there are wet patches. (Discolouration could occur).
- Minimum application temperatures: +5°C for light colours, +8°C for dark colours.
- Over 30°C, special precautions must be taken.
- In order to reduce the risk of colour differences after drying, always use the same batch number for the same façade.

The information provided in this document results from our knowledge of the products and our experience. On-site results may vary, in particular according to the product application methods adopted. Where application methods not covered by this document are used, customers must request specific additional information and/or carry out a representative test before using the products. The above-mentioned information in no way constitutes a warranty relative to the use of the products. Our general terms and conditions of sale shall prevail, in any event, on the information provided in this document. Prior to application, customers and users are requested to check that they have the latest version of this document.



PACKAGING

30 kg bag - 40 bags per pallet.
2-ply paper and 1-ply polyethylene).
Re-useable wrapped pallet of 1200 kg.

STORAGE

1 year from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

WARRANTY

Manufacturer's 10 year product indemnity including design when a Parex specification is issued and subject to conditions.

REFERENCE DOCUMENTS

- BS 5628-3 Code of Practice for the use of masonry.
- BS EN 13914-1 Code of Practice for external rendering.
- BS 8000 Workmanship on building sites.

Additional certifications:

- LABC and LABSS registered details.
- Premier Guarantee Warranty product approval.
- Conforms with the requirements of NHBC Render Chapter 6.11.

HEALTH AND SAFETY

Wear suitable protective clothing, gloves and eye / face protection. This product contains materials which may cause an allergic reaction, is irritating to eyes and harmful if swallowed. In case of contact, seek medical advice. Keep out of the reach of children.

Read and follow the guidelines in the Health and Safety data sheet for this product.

TECHNICAL ASSISTANCE

PAREX will, on request, provide information and assistance to companies in relation to the use of a specific product.

Such assistance shall not be associated with structural and design conception, nor assume or accept liability for compliance of substrates, nor compliance to instructions provided.

Technical Information

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Download the technical datasheet and consult the health and safety document on: www.parex.co.uk