

PRODUCT DATA SHEET

Parex[®] Parmurex

ONE COAT WEATHER RESISTANT GREY RENDER

PRODUCT 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 decorative finish. e.g. MONOREX GM & GF, MONOBLANCO, & REVLANE.

USES

Base Coat / Finishing Coat Render for dense masonry substrates

CHARACTERISTICS / ADVANTAGES

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

APPROVALS / STANDARDS

BS EN 998-1:2010

PRODUCT INFORMATION

| | |
|--------------------|--|
| Chemical Base | Hydraulic mortar containing: <ul style="list-style-type: none">▪ Cement, lime, siliceous and calcareous sands, mineral pigments and specific admixtures. |
| Packaging | 25 kg bags |
| Shelf Life | 12 Months from date of manufacture |
| Storage Conditions | Dry frost free conditions |

TECHNICAL INFORMATION

| | |
|----------------------|-------|
| Compressive Strength | CS IV |
| Water Absorption | W2 |
| Reaction to Fire | A1 |

APPLICATION INFORMATION

| | |
|--------------|--|
| Mixing Ratio | 3.8-4.3 L per 25 kg bag |
| Consumption | Coverage is provided as a 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 | 1.25-1.3 m ² @ 15 mm/25 kg bag | 1.66-1.75 m ² @ 10 mm/25 kg bag |

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- 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 conditions 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.
- Minimum application temperatures: +5 °C
- Over +30 °C, special precautions must be taken.

ECOLOGY, 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.

EQUIPMENT

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| Application by machine | Spray Render Machine | Constant Mix and Pump Machine |
|-------------------------|-------------------------|-------------------------------|
| Pump Pressure | 10-12 bar (water) | 2.5-6 bar/360 water flow L/hr |
| Pumping distance/height | Up to 120 m/60 m approx | Up to 50 m/30 m approx |
| Power Source | Diesel | Electric |

SUBSTRATE PREPARATION

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- 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 nonabsorbent substrates, first apply a coat of ready-to use MICRO GOBETIS 3000 or a key-coat made up by adding 0.5 L of 751 LANKOLATEX to the mixing water volume for 25 kg 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 25kg 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 aesthetic 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 Sika mesh application details. To avoid shade variations always apply and finish the render application to whole elevations at the same time.

SUBSTRATE QUALITY / PRE-TREATMENT

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 Water-proofing - consult Sika for guidance.

UNSUITABLE FOR

- High-suction, weak or old substrates.
- Ultra-lightweight & lightweight aggregate concrete blocks., clay blocks, standard low and normal density lightweight aircrete blocks.
- Dry stacked inter-locking modular wall units e.g. Dur-

isol, Velox etc

- Weak mortar or plaster coated constructions.
- Exposed vertical substrates with a backward incline above 10° - a backward incline may affect water runoff and may have a tendency to hold moisture.

APPLICATION

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 Sika 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

- Float smoothed finishes for receiving a painted / decorative finish or surfaces left as a grey coat render. Apply first coat, level, ruled, lined to a depth of 10 mm thick and leave with a toothed trowel finish ready to receive the second coat. For the finish, apply a minimum 5 mm 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)

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

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Product Data Sheet

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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 / 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.

Apply after a minimum of 21 days drying time.

- Paint, acrylic based coatings e.g. PAREX REVLANE+, finishes, waterproofing systems.
- Bonded ceramic wall tiles applied in compliance with BS8000-11.1:1 & BS8000-11.2:1

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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