

PRODUCT DATA SHEET

Everbuild® Facades One Coat GPR

GENERAL PURPOSE RENDER - A WEATHER RESISTANT & WATERPROOF RENDER FOR INTERNAL & EXTERNAL WALLS

PRODUCT DESCRIPTION

Everbuild® Facades One Coat GPR is a weather resistant, waterproofing grey render for internal and external walls. Suitable as a grey coat finishing render, or as a base coat for use prior to receiving a decorative finish. Suitable for machine or manual applications.

USES

Masonry and walls constructed from the following:

- Ultra-lightweight, lightweight & dense aggregate concrete blocks
- Brick
- Clay blocks e.g. porotherm
- Standard low and normal density lightweight aircrete blocks
- Breeze blocks
- Stone/ rubble stone
- Shuttered concrete
- Expanded clay insulation blocks
- Clean, sound, well adhered existing render
- Dry-stacked inter-locking modular wall units e.g. Durisol recycled timber blocks

These substrates will require a suction control coat of Everbuild® 503 SBR prior to applying Everbuild® Facades One Coat GPR

PRODUCT INFORMATION

| | |
|---------------------|---|
| Packaging | 25 kg bags |
| Appearance / Colour | Grey |
| Shelf Life | 12 months |
| Storage Conditions | Store in dry conditions between +5°C -25 °C |

TECHNICAL INFORMATION

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| Reaction to Fire | A1 |
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CHARACTERISTICS / ADVANTAGES

- One coat application
- Overpaintable
- Suitable for masonry and concrete walls
- For internal and external use
- Weather resistant
- Breathable

APPROVALS / STANDARDS

CE Marked under EN 998 General purpose rendering mortar (GP) for internal and external applications

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|------------------------------|---------------------------------|
| Permeability to Water Vapour | $\mu \leq 20$ |
| Water Absorption | W2 |
| Thermal Conductivity | 0.45 W/mk (tab mean value: 50%) |

APPLICATION INFORMATION

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|-------------------------|---|
| Mixing Ratio | 4.5-5.5 litres per 25 kg bag |
| Consumption | 25 kg of Everbuild® Facades One Coat GPR will cover 1.7 – 1.8 m ² at 10 mm thickness |
| Layer Thickness | Apply at 10-15 mm thickness using trowel or float. |
| Ambient Air Temperature | Use between +5 °C and +30 °C |
| Curing Time | 16 hours |

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Substrates must be clean, sound, dust free, and free of any material that may prevent adhesion
- Ensure the substrate is free from oil and grease
- Remove all traces of plaster, paint etc.
- If the surface has limited / no porosity, e.g. shutter concrete or wet/patchy substrates, or ones involving several substrates, prime with Everbuild® 503 SBR Bond diluted 3:1 with clean water and allow to dry
- Then add a bonding coat of 1:1 Everbuild® 503 SBR Bond with clean water mixed with 1.5 parts cement and apply Everbuild® Facades One Coat GPR whilst still tacky. Alternatively use Everbuild® 507 Rendagrip following instructions.

MIXING

Mix at a ratio of 4.5-5.5 litres clean water to 25 kg bag of Everbuild® Facades One Coat GPR
Mix for approx. 3-5 minutes with a spiral action mixer

APPLICATION

Everbuild® Facades One Coat GPR should be applied following EN13914-1 code of practice.

For weatherproofing concrete blocks and masonry substrates:

- Apply the first coat of Everbuild® Facades One Coat GPR levelled and lined to a depth of 10 mm thick and leave with a toothed trowel finish
- For the second coat, apply a minimum 5 mm coat of product and finish using a stainless steel trowel or float depending on the desired effect

To apply a base coat finish for receiving tiling or brick slip finish, apply one compact 15 mm thick coat and leave with toothed trowel finish

For applying onto waterproof substrates e.g. concrete

- Apply a single coat between 7-8 mm thick, float-finished as you progress using a stainless steel trowel, wooden, plastic or sponge float finish depending on the finish desired
- For thicker applications, apply 2 coats as for float finished waterproofing coating

CLEANING OF TOOLS

Clean immediately with fresh water

LIMITATIONS

- Avoid applying a thin base coat and thicker top coat as the level of shrinkage to the thicker top coat could cause the render to delaminate from the base coat
- To avoid shade variations, always apply and finish the render application to whole elevations at the same time
- Do not apply Everbuild® Facades One Coat GPR to weak mortar or plaster coated constructions
- Do not use this product on exposed vertical substrates with a backward incline above 10° - a backward incline may affect water run off
- Do not apply on painted substrates
- If applied to concrete, it must not be covered with tiling as additional waterproofing may be required

VALUE BASE

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

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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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