

BASROC[®] Panel Render – Technical Data Sheet

A highly polymer modified base render for application over BASROC Panels & other non-porous substrata including Aerated Concrete Panels & Blocks, precast & formed concrete panels, expanded polystyrene and painted masonry surfaces.

Description:

Basroc Panel Render is a polymer rich, water resistant, cement based render primarily formulated for application to difficult-to-render surfaces. When applied in accordance with our specifications, Basroc Panel Render will provide vastly superior adhesion to that of a traditional style sand and cement render. The use of Basroc Panel Render will reduce maintenance costs associated with repairs caused as a result of delamination whilst making it possible to render surfaces not previously achievable.

Key benefits:

- Factory blended for dependable consistency
- Superior adhesion for optimum performance over non-porous surfaces
- Eliminates on-site mixing errors Just add water

Performance:

Basroc Panel Render contains a high level of redispersible polymer (RDP) powder. The level of this RDP addition has been calculated to ensure that under normal conditions, Basroc Panel Render will not delaminate from Basroc panels.

Suitable surfaces

Basroc Panel Render can be applied to many commonly used construction materials but is primarily suited to application over difficult-to-render materials including:

1. Basroc Panels
2. Aerated concrete blocks and panels
3. Precast concrete panels
4. Expanded polystyrene cladding boards (EPS)
5. Painted brickwork

Mix Preparation

Add approximately 4 litres of clean water to a suitable mixing vessel and slowly add Basroc Panel Render powder whilst stirring. The use of a power stirrer is recommended however manual stirring will suffice. Continue stirring until all lumps have been dispersed. Add water until the desired consistency has been achieved. The final mix should hold a soft peak on the hawk. Mixing the material too wet or stiff will make the material difficult to apply and finish up.

Application & Finishing:

Prior to the application of Basroc Panel Render ensure that the substrate is clean and free of any impurities that may compromise adhesion. Apply the mixture to the substrate at a thickness of 4-6mm (per coat) with a steel float taking care to coat evenly. Allow the freshly applied material to firm up sufficiently prior to finishing with a timber, plastic or polystyrene float. Basroc Panel Render will stiffen significantly faster over porous surfaces. As a rule of thumb, a larger, more rigid float (plastic) will produce better results than a smaller flexible float (polystyrene). Basroc Panel Render can be ruled-off if required and must be allowed to cure for a minimum of 5 days prior to overcoating (longer in cold and wet conditions). Areas subject to entrapped moisture such as water-logged brickwork may require a significantly longer drying-out period prior to overcoating. Basroc Panel Render should not be applied in hot or windy conditions and should be protected from rain or running water until hard initial set has been achieved.

Wash up:

Due to the high polymer content, Basroc Panel Render should not be allowed to dry on tools as it will prove extremely difficult to remove. Always clean tools with clean water immediately following use.

Curing:

Whilst the initial set of Basroc Panel Render will occur in a matter of hours, full strength will not be achieved for 28 days from date of application.

Supply & packaging:

Basroc Panel Render is supplied in 20 kg plastic lined multi-walled paper sacks. Basroc Panel Render can also be supplied in pallet lots containing 60 x 16 kg bags.

Coverage:

16 kg of Basroc Panel Render will be sufficient to cover between 4-5 m² at a thickness of 4-6mm. Meterage will vary greatly depending on the application thickness.

Safety

Basroc Panel Render is non-toxic but contains cement which is alkaline in nature. Basroc strongly advises that dust masks to prevent the inhalation of nuisance dust be used during preparation and that skin protection be used during application. Always prepare Basroc Panel Render in a well ventilated area. If skin irritation occurs flush immediately with running water. Refer to MSDS for details.

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