

TECHNICAL INFORMATION SHEET

Correct mixing and pumping procedure for EHI GM & EHI GF

Parex through colour EHI renders are designed to be applied as a top coat finish on to Parextherm Mineral and Parexdirect Mineral render systems but can also be applied if required onto masonry substrates. The product is available in a range of 48 standard colours (special colours are available) and two variants, EHI GM and EHI GF dependent upon the type of finish required and can be hand applied or applied through a range of diesel or electric render pumps.

When mixing by hand, the water content required will be in the region of 6.5 litres per 30 kg bag (this will vary slightly depending upon how the applicator prefers the mix but should not be less than this water quantity otherwise the product workability may be affected) and when mixed by a diesel machine the water content will need to be increased to 6.9 litres per 30kg bag and this quantity is regulated by the machine operator. When these instructions are followed, the material in the pump may appear to look very wet but this is what it should appear like.

As an additional guide to ensure you have the correct consistency, when the material is pumped through the machine, its rotor and stator and a single 15m hose, the pressure gauge on the rotor and stator should read approx. 15 -16 bar of pressure. If there is 30m of hose then the pressure gauge will read approx 30 – 31 bar of pressure.

As a rule of thumb 1m of hose = 1 bar of pressure. A standard hose is generally 15m long.

The product is then ready to be applied and if these instructions are followed and If mixed and applied in the correct manner will provide a fully breathable, low maintenance finish that has a predicted life span in excess of 25 years which has been concurred by independent tests via a European Technical Approval and the British Board of Agrément.

Creating a dash effect finish

When a wet dash effect is required, this can be created with certain pumps. The pump whether an electric or diesel pump must have a variable speed control as a slow speed is required, otherwise the effect is very difficult to create as there is limited control over the application.

Some applicators prefer using the EHI GF for this application but the EHI GM is equally as good, thus both can create the simulated Tyrolean or light through to heavy roughcast effects using a 10mm nozzle for a light Tyrolean through to a 16mm nozzle for a heavy roughcast, subject to the desired finish.

Apply a 12 – 15mm flattened coat then hold the nozzle approx 600mm off the wall, applying the material in a circular motion to create an even spread. For a large roughcast effect avoid applying in one application as the material is likely to slump. Apply in two or three passes allowing the material to pick up/semi cure between applications.

This information is provided as guidance only and it is the individual's responsibility to ensure that they and the client are satisfied with the desired finish and for any colour matching requirements, by completing a test panel. Parex are unable to offer any colour matching guarantees.

Specialist materials for civil engineering, infrastructure and construction

For additional information or other Technical Information Sheets, please visit our Web site link http://www.parex.co.uk/Render_Systems/Technical_Information_Sheets_and_FAQs

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