

THE PERFECT PARTNERS!

Render and Walling



Combining colour, finish and exceptional thermal and acoustic performance with BBA Approvals and a BRE green guide A rating



Through colour, breathable and decorative render finishes onto an exceptional block with thermal performance values twice that of conventional masonry walls. 48 standard render colours and a range of special colours available.

PAREX

Render systems and solutions



**HOWARTH TIMBER &
BUILDING SUPPLIES**

MUCH MORE THAN JUST TIMBER

MONOREX AND MONOREX GF is a high performance through colour render which has BBA, IAB and CSTB approvals that meets all the current and forthcoming UK and Irish building codes. The complete system provides a fully breathable yet air tight wall offering exceptional acoustic, thermal and weatherproof performance.

DURISOL BLOCK has full BBA certification, is fully recyclable, environmentally safe building block made from specially graded recycled waste wood (100% clean, natural softwood) which is bonded with cement. It is very durable, does not burn*, rot or decay, is vermin and insect proof and does not support fungal or bacterial growth.

* Complies with the requirements as defined in Approved Document B, 'Fire Safety', to the Building Regulations 2000 when tested to BS 476: Parts 20:1987. Fire integrity - 240minutes, Fire Insulation @ 180°C for a duration of 217minutes.

MONOREX and MONOREX GF is specially formulated to resist against the formation of algae and to act as a fully weather protective and breathable render providing a long life, low maintenance facade finish which is ideally suited for the Durisol unit.

MONOREX and MONOREX GF is suitable for manual or sprayed applications directly onto the Durisol block to create a wide range of textures and finishes.

DURISOL is suitable for all building applications (including foundations), is lightweight, easily cut, simple to construct and creates a building so energy efficient that it exceeds all current and proposed standards. With its thermal mass and low U values, it makes effective use of low energy heating systems.



D170/120
Application: Internal walls



D250/180
Application: Internal load bearing party walls

Benefits

- **Lightweight, dry built construction - no mortar or expansion joints required**
- **Exceptional thermal performance, twice that of conventional walls**
- **No thermal bridging, no steel lintels required**
- **Sustainable, speedy and green construction**
- **A ready to use render - only the addition of clean water required**
- **Wide range of standard colours* No painting required**

A SELECTION OF TEXTURES THAT CAN BE ACHIEVED WITH THE PAREX TOP COAT FINISHES



Smooth Spray Textured

Fine Scraped

Sponged

Medium Scraped

Trowelled

Textured

Typical Build Procedure

- On level foundations mark out the wall lines.
- Commence at the corner and stack the first course. Continue to build in a brick pattern format upto DPC level.
- Insert vertical reinforcement (if required) at 500mm centres and extend 200mm above DPC level. Fill the block void with a high slump free flowing concrete.
- Install DPC and coat the reinforcement below DPC with a waterproof protection. Continue construction to window cill height and taking care at door openings.
- Continue vertical reinforcement as required and pour in the concrete stopping 50mm below the top of the units.
- Continue construction providing temporary lintel support to window and door lintel units, insert lintel

reinforcement as required and build up to floor level. Fill with concrete.

- Install the ring beam reinforcement and continue construction to the desired level.

Substrate Preparation

- Substrate must be clean, sound, dust free and free of any material which may prevent adhesion.
- On wet substrates it is advisable to apply a key coat made up by adding 0.5 litres of 751 LANKOLATEX to the mixing volume for a 30kg bag of MONOREX or MONOREX GF. Allow the key coat to fully dry a minimum of 24 hours before application of the top coat.

Render Top Coat Finish. These applications will require a layer of Parex TV10 reinforcement mesh.

Desired Finish	Application Procedure - The render can be manually or machine applied.
Scraped finish	Apply a level, compact 18 mm-thick coat. Allow to dry (3 - 16 hours), and then scrape back to 15mm - Hand applications are generally applied as a two coat operation.
Spray textured & smooth spray textured	Apply a level, compact minimum 15mm thick 1st coat. Allow to dry and then spray the Textured finish. The Smooth Textured appearance is obtained by pressing a plastic or stainless-steel float over the stiffened but not dry Textured finish.
Sponge smoothed or trowel	Apply a level, compact minimum 7 - 8 mm-thick 1st coat. Allow to harden, then apply 2nd coat to a finished thickness of 15mm. Obtain finish with a sponge float or trowel and finish as desired*. *The float smoothed finish 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 overfloating 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. Dark colours are more likely to be affected.

These applications are for general guidance only and do not constitute being a comprehensive application specification. For a full application specification contact Parex Ltd.



D300 face unit
Application: External load bearing walls



D300 corner unit
Application: External load bearing walls



D365/120
Application: External load bearing walls



D365 Corner unit
Application: External load bearing walls



For full technical information on each system call Parex on 01827 711755 & Howarth Timber & Building Supplies on 0113 200 0100
Download the technical datasheets and health and safety information at www.parex.co.uk & www.durisol.net

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