

Producer members

Producers offer mainland UK coverage unless otherwise stated

C&G Concrete Ltd 01780 482000
www.candgconcrete.co.uk (East Midlands)

CEMEX UK Materials Ltd 01932 568833
www.cemex.co.uk

CPI Mortars Ltd 0845 850 9090
www.euromix.com

Hanson Premix 0845 845 6699
www.hanson.biz

John Carr (Liverpool) Ltd 0151 2070067
(Liverpool)

Premier Mortars 0845 603 3406
www.marshalls.co.uk/premiermortars

RTU 02890 851441
www.rtu.co.uk (Belfast)

Remix Dry Mortar Ltd 01329 231200
www.remixdrymortar.co.uk

Roadstone Dublin Ltd 00 35 31 4041200
www.roadstone.ie (Dublin)

Smiths Concrete Ltd 01295 278177
www.smithsconcrete.co.uk (Oxfordshire)

Tarmac Limited 08701 116116
www.tarmac.co.uk

**NEED TECHNICAL
INFORMATION ON
MORTARS?**

A wide range of technical data sheets is available to download from the MIA's web site covering mortar mixes, applications and standards.

For a complete list, visit the resources section at www.mortar.org.uk.

Return to render

Factory-produced renders can provide an attractive answer to the external insulation of homes when used with suitable insulating materials.

The message comes from the Mortar Industry Association which points out that some 25 per cent of the existing housing stock in the UK is of a solid nine-inch brick construction. Obviously cavity wall insulation is not an option and few owners want to see bulky insulation added to internal walls.

Factory-produced renders give a weather-proof and an aesthetically pleasing finish when used with a suitable insulation board. Renders can be supplied in a variety of colours and modern pigments not only have their own sustainability story but also maintain their original colour over a long period of time. Attractiveness of finish is also a benefit as the setting rate of factory-produced mortars allows time for tooling the surface before curing. Numerous finishes are available including roughcast, pebble

dash, tyrolean, smooth floated and scraped.

Renders are also very durable and offer low maintenance.

The type of mortar used for rendering will depend on the background, type of wall and the exposure of the building. Two-coat work, an undercoat and finishing coat, is generally required. In severe exposure conditions three-coat work may be necessary, with the first coat relatively impervious to water and the others more porous.

Factory-produced mortars offer good workability and plasticity, a high degree of cohesiveness and spread easily under the float. This increases productivity and minimises wastage by droppings. They can also be used with spraying equipment and factory production ensures colour consistency.

Technical guidance on external insulation and render coats is being produced by the MIA and will be made available through the association's website.



Twenty-five per cent of UK housing stock is of solid nine-inch brick construction.

CPI takes centre stage with Royal Shakespeare Company



At work on the RSC project

The logistical problems of supplying mortar to the Royal Shakespeare Company's (RSC) redevelopment of its Stratford-upon-Avon base have been solved with an ingenious silo mixing station from CPI EuroMix.

The project, started in 2007 and set for completion in 2010, will transform the RSC's home to provide a new 1,000 seat thrust-stage auditorium, where the audience surround the action on three sides.

The multi-million pound project, designed by architects Bennetts Associates, necessitated the demolition of parts of the old structure whilst retaining key elements of its Victorian

and Art Deco design. The new buildings will be integrated into the remaining structure. Overseen by Construction Manager Mace, brickwork contractor Lesterose used two different mortars from CPI EuroMix - coloured mortar for the new build and traditional lime mortar for the restoration work. To avoid the complications of regular deliveries of mortar to the busy site, coloured mortar was supplied in 30-tonnes bulk silos for efficient on site production whilst the lime mortar was provided in one tonne bags and mixed on-site.

The mortars proved especially popular with the specialist contractors. Contract manager for Lesterose, Lee Ledger, said: "Once again Lesterose has been able to deliver another successful project using CPI's revolutionary dry silo mortar. As we have found on numerous projects, dry silo mortar can have a dramatic effect in reducing wastage, which is environmentally damaging, and associated costs. Consistency of colour was also a major consideration when pre-start discussions were held with the design team and due to the controlled manner in which the components are batched, CPI is able to maintain a consistent match from the start of the project to completion."

House building shows signs of recovery

Registrations for new homes in February were up 73 per cent compared to last year says the latest National House-Building Council's (NHBC) statistics. This relates to an increase to 9,556 registrations compared to 5,526 in 2009.

Applications to build new homes across the UK during the three months December 2009 to February 2010 were up 66 per cent to 24,105, in comparison to 14,537 registrations for the same period last year. The rate of recovery dipped in January says the NHBC as extreme weather conditions impacted on registrations but, with spring approaching, the private sector appears to be showing signs of recovery.

"As we enter the spring building season, there is a cautious optimism about the signs of improvement in the sector," said Imtiaz Farookhi, chief executive of NHBC. "The average daily home sales are increasing when compared with this time last year, which given the difficulties surrounding mortgage availability is a positive statement of intent. There is a palpable sense of the property sector working together to do all it can to continue and sustain recovery."

Recovery is reported as being remarkably evenly spread across the UK, with almost all regions reporting higher levels of registrations for December 2009 to February 2010 than for the same period in 2008/9.

CLG appointment

A civil and structural engineer with wide experience of the use of mortar products, Peter Watt, has been appointed senior structural engineer by the Department of Communities and Local Government's Sustainable Buildings Division. He has special responsibility for Parts A and C of the England and Wales Building Regulations.



Before joining the department, Mr Watt ran his own company, having previously worked for a number of organisations and in consultancy. He had a 13-year stint as senior structural engineer

for the Brick Development Association.

Mr Watt says:

"Through my involvement with British Standards and in particular the development of Eurocode 6 for masonry structures and CEN product standards for masonry products, materials and components under TC112, and in consultancy practice work, I have had a fair experience of the use of mortar products."

He points out that Part A of the building regulations particularly is very relevant to mortar products, dealing as it does with the simple design sizing rules for traditional masonry housing construction in brick and blockwork.



**mortar
industry
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MIA is part of the Mineral Products Association, the trade association for the aggregates, asphalt, cement, concrete, lime, mortar and silica sand industries