



Certification and testing for cement & masonry products

Building for the future: A partnership through compliance

raising standards worldwide™

BSI
Product Services

CE BS EN 197-1 & 2: 2000

Cement. Composition, specifications and conformity criteria for common cements

CE EN 197-4 : 2004

Cement. Composition, specifications and conformity criteria for low early strength blast furnace cements

BS 4027: 1996

Specification for sulfate-resisting Portland cement

CE BS EN 413-1: 2004

Masonry cement

CE BS EN 934-2 : 2001

Admixtures for concrete, mortar & grout.

BS EN 934-6: 2001

Admixtures for concrete, mortar & grout.

BS EN 206-1 and BS 8500

Ready mixed concrete

CE BS EN 450-1:2005 + A1:2007

Fly ash for concrete

CE BS EN 13813

Screed material & floor screed

BS 5896: 1980

High tensile steel wire and strand for the prestressing of concrete

BS EN 206-1: 2000

Mobile batching units. Specification for performance, production and conformity of concrete to take account of the introduction of mobile batching units.

CE EN 13043, 13242, 129620 & 13139

FPC inspection for manufacturers of aggregates

Cement and Concrete



Concrete is one of the most versatile, durable and cost-effective building materials available. Its role in buildings and infrastructure projects means that it needs to perform reliably and safely.

When specifying ready-mixed concrete there are a number of factors to take into account to ensure the integrity and suitability of the concrete. These may include the strength, density (light and heavyweight concrete), water/cement ratio, cement content, consistency, air content (for air-entrained concrete) and chloride content, when relevant. Certification marks provide independent verification that ready-mixed concrete meets the required standards.

A specific Kitemark scheme exists for mobile concrete production methods. These units enable concrete production at the job site in any amount with minimal waste. Unlike traditional truck mixers, mobile batching units are not restricted by the distance that they can travel because each batch is mixed fresh as and when it is required.

BSI Product Services operates a wide range of Kitemark schemes covering concrete as well as offering a full CE marking service for cement based products, aggregates, admixtures, building limes and other similar products.

The Kitemark scheme that covers cements conforming to BS EN 197-1, also entitles the manufacturer to receive an EC Certificate of Conformity from BSI for the purposes of CE marking under the EU Construction Products Directive.

Call 08450 765610 or visit www.bsi.com



Masonry


Masonry is the cornerstone of the construction industry. The materials used, the quality of the mortar and workmanship, and the pattern the units are put in can strongly affect the durability of the overall construction.





Brick and concrete are the most common types of masonry – most of which have hollow cores - providing great compressive strength. Bricks are generally made from clay or stone and increase the thermal mass of a building.


Concrete masonry units are much larger than ordinary bricks and so are much faster to lay. They are often used as the structural core for a brick veneer, or stand alone for the walls of factories, garages and other “industrial” buildings. Furthermore, concrete blocks typically have much lower water absorption rates than brick.


BSI's testing and certification offers a Kitemark scheme for the BS EN 771 series of standards for the characteristics and performance requirements of masonry units.

CE BS EN 771-1 
Clay masonry units


CE BS EN 771-3 
Aggregate concrete masonry units


CE BS EN 771-4 
Autoclaved aerated concrete masonry


CE BS EN 771-5 
Manufactured stone masonry units


CE BS EN 771-6 
Natural stone masonry units


BS EN 1338 
Concrete paving blocks


BS EN 1339: 2003 
Concrete paving flags

BS EN 1344: 2002 
Clay pavers

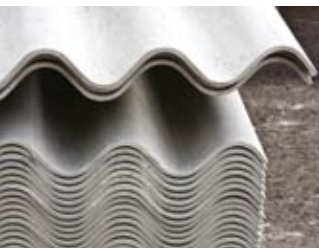
BS 988-2 
Masonry mortar

BS EN 12326-1: 2004 
Slate and stone products for discontinuous roofing and cladding

BS EN 490:2004 
Concrete roofing tiles and fittings for roof coverings and wall cladding

BS EN 1304: 2005 
Clay roof tiles and fittings

www.bsigroup.com/productservices



Further information enquiry

For more detailed information please complete the form below, detach and either fax back to **08450 765603**, post to the address below or email to product.services@bsigroup.com

Company Name:

Address (Head Office):

Town:

County:

Postcode:

Country:

Tel:

Fax:

Number of Employees: 1 -10 11 -25 26 -50 51 -100 101+

Contact Name:

Job Title:

Email:

Direct Line:

I would like more information on: *(please tick)*

Kitemark certification

CE marking

Direct testing

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