

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <b>2241</b> Accredited to ISO/IEC 17025:2005	<b>H+H UK Ltd</b>	
	Issue No: 013	Issue date: 16 June 2011
	<b>Celcon House</b> Ightham Sevenoaks Kent TN15 9HZ	<b>Contact: Graham Sargeant</b> Tel: +44(0)1732 880540 Fax: +44(0)1732 880581 E-Mail: graham.sargeant@hhcelcon.co.uk Website: www.hhcelcon.co.uk

**Testing performed by the Organisation at the locations specified below**

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Celcon House Ightham Sevenoaks Kent TN15 9HZ	<b>Local contact</b> Mr G Sargeant	Thermal conductivity, mechanical and physical tests and dimensions of autoclaved, aerated concrete units, masonry materials and blocks
		A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
Buildings and building elements	Field measurements of airborne and impact sound insulation, including pre-completion testing for Building Regulations Approved Document E	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BUILDING ELEMENTS	Field measurements of airborne sound insulation between rooms	BS EN ISO 140-4:1998	B
FLOORS	Field measurements of impact sound insulation of floors	BS EN ISO 140-7:1998	B
MASONRY MATERIALS	<p>Thermal conductivity</p> <ul style="list-style-type: none"> <li>- temperature range 263K to 353K</li> <li>- conductivity up to 0.25 W/(m.K) with an uncertainty of measurement not better than <math>\pm 3\%</math> for densities up to 900 kg/m<sup>3</sup></li> <li>- conductivity from 0.2 to 0.6 W/(m.K) with an uncertainty of measurement not better than <math>\pm 5\%</math> for densities from 900 to 1500 kg/m<sup>3</sup></li> <li>- conductivity from 0.6 to 0.9 W/(m.K) with an uncertainty of measurement not better than <math>\pm 7.5\%</math> for densities from 1500 to 1850 kg/m<sup>3</sup></li> <li>- conductivity from 0.9 to 2.0 W/(m.K) with an uncertainty of measurement not better than <math>\pm 10\%</math> for densities above 1850 kg/m<sup>3</sup></li> </ul> <p><i>(Uncertainty of measurement (<math>\pm</math>) for a confidence probability of not less than 95%)</i></p>	<p>BS EN 12664:2001</p> <p>BS EN 12667:2001</p> <p>Using guarded hot plate method</p>	A
AUTOCLAVED AERATED CONCRETE	Compressive strength	BS EN 679:2005	A
	Dry density	BS EN 678:1994	A
	Drying shrinkage	BS EN 680:1994	A
	Moisture content	BS EN 1353:1997	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PREFABRICATED REINFORCED COMPONENTS of AUTOCLAVED AERATED CONCRETE	Measurement of length and width	BS EN 991:1996	A
	Measurement of thickness	BS EN 991:1996	A
	Measurement of the shape of profiled faces	BS EN 991:1996	A
	Verification of squareness	BS EN 991:1996	A
	Performance test under transverse load	BS EN 1356:1997	A
MASONRY UNITS	Dimensions	BS EN 772-16:2011	A
	Compressive strength	BS EN 772-1:2011	A
	Moisture content	BS EN 772-10:1999	A
	Gross dry density	BS EN 772-13:2000	A
END			