

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, Middlesex. TW18 3HR

 2241 Accredited to ISO/IEC 17025:2017	H+H UK Ltd	
	Issue No: 020	Issue date: 10 November 2020
	Celcon House Ightham Sevenoaks Kent TN15 9HZ	Contact: Graham Sargeant 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
Address Celcon House Ightham Sevenoaks Kent TN15 9HZ	Local contact Mr G Sargeant	Thermal conductivity, mechanical and physical tests and dimensions of autoclaved, aerated concrete units, masonry materials and blocks Laboratory

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Buildings and building elements Any appropriate site location and customer premises	Sound insulation tests including pre-completion testing for dwellings and rooms for residential purpose for The Building Regulations 2010. Approved Document E (2003 Edition incorporating 2004 & 2010 amendments).	Site



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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
MASONRY MATERIALS	Thermal conductivity - temperature range 263K to 353K - conductivity up to 0.25 W/(m.K) with an uncertainty of measurement not better than $\pm 3\%$ for densities up to 900 kg/m ³ - conductivity from 0.2 to 0.6 W/(m.K) with an uncertainty of measurement not better than $\pm 5\%$ for densities from 900 to 1500 kg/m ³ - conductivity from 0.6 to 0.9 W/(m.K) with an uncertainty of measurement not better than $\pm 7.5\%$ for densities from 1500 to 1850 kg/m ³ - conductivity from 0.9 to 2.0 W/(m.K) with an uncertainty of measurement not better than $\pm 10\%$ for densities above 1850 kg/m ³ <i>(Uncertainty of measurement (\pm) for a confidence probability of not less than 95%)</i>	BS EN 12664:2001 BS EN 12667:2001 Using guarded hot plate method	Laboratory
AUTOCLAVED AERATED CONCRETE	Compressive strength	BS EN 679:2005	Laboratory
	Dry density	BS EN 678:1994	Laboratory
	Drying shrinkage	BS EN 680:2005	Laboratory
	Moisture content	BS EN 1353:1997	Laboratory
PREFABRICATED REINFORCED COMPONENTS of AUTOCLAVED AERATED CONCRETE	Measurement of length and width	BS EN 991:1996	Laboratory
	Measurement of thickness Measurement of the shape of profiled faces	BS EN 991:1996 BS EN 991:1996	Laboratory Laboratory
	Verification of squareness	BS EN 991:1996	Laboratory



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MASONRY UNITS	Dimensions	BS EN 772-16:2011	Laboratory
	Compressive strength	BS EN 772-1:2011+A1:2015	Laboratory
	Moisture content	BS EN 772-10:1999	Laboratory
	Gross dry density	BS EN 772-13:2000	Laboratory
BUILDING ELEMENTS	Field measurements of airborne sound insulation between rooms	Sound insulation tests including pre-completion testing for dwellings and rooms for residential purpose for The Building Regulations 2010. Approved Document E (2003 Edition incorporating 2004 & 2010 amendments). BS EN ISO 140-4:1998 (Withdrawn)	Site
FLOORS	Field measurements of impact sound insulation of floors	Sound insulation tests including pre-completion testing for dwellings and rooms for residential purpose for The Building Regulations 2010. Approved Document E (2003 Edition incorporating 2004 & 2010 amendments). BS EN ISO 140-7:1998 (Withdrawn)	Site
END			