

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>The Building Test Centre</h3> <p>Issue No: 037 Issue date: 16 February 2010</p>	
	<p>British Gypsum East Leake Loughborough Leicestershire LE12 6NP</p>	<p>Contact: Mr Phil Barnes Tel: +44 (0)115-945 1564 Fax: +44 (0)115-945 1562 E-Mail: btc.testing@saint-gobain.com Website: www.btconline.co.uk</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address British Gypsum East Leake Loughborough Leicestershire LE12 6NP</p> <p>Local contact Mr P Barnes</p>	<p>Testing of building materials and products including gypsum plasterboard for sound insulation: fire resistance and reaction to fire testing and classification: and structural integrity</p>	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Buildings and building elements</p>	<p>Field measurement of airborne and impact sound insulation, including pre-completion testing for Building Regulations Approved Document E</p>	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 such as partitions, walls, floors, facades	<u>Acoustic Tests</u> Field measurement of airborne sound insulation, ie Level difference and related factors	BS EN ISO 140-4:1998 ISO 140-4:1998 BS EN ISO 717-1:1997 ISO 717-1:1996 The Building Regulations 2000 Approved Document E (2003)	B
FLOORS	Field measurement of impact sound insulation of floors between rooms, ie Impact sound pressure level and related factors	BS EN ISO 140-7:19978 ISO 140-7:1998 BS EN ISO 717-2:1997 ISO 717-2:1996 The Building Regulations 2000 Approved Document E (2003)	B
BUILDING ELEMENTS	Airborne sound insulation	BS EN ISO 140-3:1995	A
FLOORS	Impact sound insulation	BS EN ISO 140-6:1998	A
PANELS and DISCRETE ELEMENTS	Sound absorption coefficients	BS EN ISO 354:2003 (interrupted noise method only)	A
BUILDING MATERIALS and STRUCTURES	<u>Fire Tests</u> Fire resistance	BS 476:Part 20:1987 Fire Test Study Group Resolution 69, 70, 71, 72, 76, 77, 78 and 82 BS EN 1363-1:1999 BS EN 1363-2:1999 DD ENV 13381-4:2002 (excluding loaded columns) prEN 13381-8:2008	A
	Classification of fire resistance performance	BS EN 13501-2:2009 (excluding ventilation services)	A
	Reaction to fire	BS EN 13823:2002 (excluding floorings) BS EN ISO 11925-2:2002 BS EN ISO 1716:2002 BS EN ISO 1182:2002	A
	Classification of reaction to fire performance	BS EN 13501-1:2009	A



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WALLS and PARTITIONS	<u>Fire Tests</u> Fire resistance - including alternative and additional procedures	BS 476:Part 21:1987:Section 8 BS 476:Part 22:1987:Section 5 Fire Test Study Group Resolutions 47, 70 and 71 ISO 834-1:1999 ISO 834-3:1994 BS EN 1365-1:1999 BS EN 1364-1:1999 BS EN 1363-2:1999 DD ENV 13381-2:2002	A
FLOORS and FLAT ROOFS	Fire resistance	BS 476:Part 21:1987:Section 7 Fire Test Study Group Resolutions 47, 67, 70 and 71 ISO 834-3:1994 BS EN 1365-2:2000	A
LOADED BEAMS	Fire resistance	BS 476:Part 21:1987 Section 5 BS EN 1365-3:2000	A
SUSPENDED CEILINGS PROTECTING STEEL BEAMS	Fire resistance	BS 476:Part 23:1987:Section 5 Fire Test Study Group Resolutions 68, 70 and 71 ISO 834-3:1994	A
DOOR and SHUTTER ASSEMBLIES	Fire resistance	BS 476:Part 22:1987:Sections 6, 7 and 8 Fire Test Study Group Resolutions 47, 51, 63, 70 and 71 BS EN 1634-1:2008	A
GLAZING	Fire resistance	BS 476:Part 22:1987:Section 10 Fire Test Study Group Resolution 70 and 71 BS EN 1364-1:1999	A
CEILING MEMBRANES	Fire resistance	BS 476:Part 22:1987:Section 9 Fire Test Study Group Resolution 70 and 71 BS EN 1364-2:1999	A
PENETRATION SEALS	Fire resistance	BS EN 1366-3:2009	A



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PARTITIONS (including matching linings)	<u>Structural Tests</u>	BS 5234:Part 2:1992	A
	A. Partition stiffness		
	B. Surface change by small hard body impact		
	C. Resistance to damage by large soft body impact		
	D. Resistance to perforation by small hard body impact		
	E. Resistance to structural damage by multiple impacts from a large soft body		
	F. Door slamming		
	G. Crowd pressure	A	
	<u>Structural Tests</u>		
	H. Lightweight anchorage pull-out		BS 5234:Part 2:1992
	J. Lightweight anchorage pull-down		
	K. Heavyweight anchorage - eccentric downward loading test (wash basin)		
	L. Heavyweight anchorage - eccentric downward loading test (high level wall cupboard)		
	Uniformly Distributed Load		
LOADBEARING WALLS	<u>Mechanical Tests</u>	BS EN 594:1996	
	Racking resistance		



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GYPSUM PLASTERBOARD	<u>Product Tests</u>		
	Dimensions	BS EN 520:2004:clause 5.2, 5.3, 5.4	A
	Squareness	BS EN 520:2004:clause 5.5	A
	Taper profile	BS EN 520:2004:clause 5.6	A
	Flexural strength	BS EN 520:2004:clause 5.7	A
	Deflection under load	BS EN 520:2004:clause 5.8	A
	Water absorption - surface - total	BS EN 520:2004:clause 5.9.1, 5.9.2	A
	Core cohesion at high temperature	BS EN 520:2004:clause 5.10	A
	Density	BS EN 520:2004:clause 5.11	A
	Surface hardness	BS EN 520:2004:clause 5.12	A
Shear strength	BS EN 520:2004:clause 5.13	A	

END