


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>0296</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>Saint-Gobain Construction Products UK LTD t/a British Gypsum operating as The Building Test Centre.</b>	
	<b>Issue No: 057</b>	<b>Issue date: 15 February 2021</b>
	<b>British Gypsum</b> East Leake Loughborough Leicestershire LE12 6NP	<b>Contact: Mr James Lucas</b> Tel: +44 (0)115-945 1692 Fax: +44 (0)115-945 1562 E-Mail: James.Lucas@saint-gobain.com Website: www.btconline.co.uk
<b>Testing performed by the Organisation at the locations specified below</b>		

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

#### Laboratory locations:

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

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

Location details	Activity	Location code
Buildings and building elements	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)	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 and floors.	<u>Acoustic Tests</u>		
	Field measurement of airborne sound insulation, ie Level difference and related factors	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 ISO 140-4:1998 BS EN ISO 717-1:2013 ISO 717-1:2013	B
FLOORS	Field measurement of impact sound insulation of floors between rooms, ie Impact sound pressure level and related factors	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 140-7:1997 ISO 140-7:1998 BS EN ISO 717-2:2013 ISO 717-2:2013	B
BUILDING ELEMENTS	Airborne sound insulation	BS EN ISO 140-3:1995	A
FLOORS	Impact sound insulation	BS EN ISO 140-6:1998	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PANELS and DISCRETE ELEMENTS	Sound absorption coefficients	BS EN ISO 354:2003 (interrupted noise method only)	A
BUILDING ELEMENTS BS EN ISO 10140-1:2016 Walls, building elements and facades excluding following Annexes: Doors BS EN ISO 10140-1:2016 (Annex B) Windows BS EN ISO 10140-1:2016 (Annex C) Glazing BS EN ISO 10140-1:2016 (Annex D) Small technical elements such as ventilators, grilles and cable raceways BS EN ISO 10140-1:2016 (Annex E) Shutters BS EN ISO 10140-1:2016 (Annex I)	Laboratory measurement of airborne sound insulation of building elements	BS EN ISO 10140-2:2010 BS EN ISO 717-1:2013	A
BUILDING ELEMENTS Floors BS EN ISO 10140-1:2016 (Annex F)	Laboratory measurement of airborne and impact sound insulation of building elements	BS EN ISO 10140-2:2010 BS EN ISO 717-1:2013 BS EN ISO 10140-3:2010 +A1:2015 BS EN ISO 717-2:2013	A
BUILDING MATERIALS and STRUCTURES	<u>Fire Tests</u> Fire resistance	BS 476:Part 20:1987 Fire Test Study Group Resolution 43, 53, 69, 70, 71, 72, 76, 77, 78, 82 and 83 BS EN 1363-1:2012 (Withdrawn) BS EN 1363-1:2020 BS EN 1363-2:1999 BS EN 13381-4:2013 (excluding loaded column testing) BS EN 13381-8:2013	A
	Classification of fire resistance performance	BS EN 13501-2:2016 (excluding ventilation services)	A
	Reaction to fire	BS EN 13823:2010 +A1:2014 (excluding floorings) BS EN ISO 11925-2:2020 BS EN ISO 1716:2010 (withdrawn) BS EN ISO 1716:2018 BS EN ISO 1182:2010	A



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BUILDING MATERIALS and STRUCTURES (cont'd)	Conditioning procedures and general rules for selection of substrates	BS EN 13238:2010	A
	Classification of reaction to fire performance	BS EN 13501-1:2018	A
WALLS and PARTITIONS	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 43, 47, 50, 53, 60, 70, 71, 72, 77 and 83 ISO 834-1:1999/Amd:2012 ISO 834-3: 2012 BS EN 1365-1:2012 BS EN 1364-1:2015 BS EN 1363-2: 1999 BS EN 13381-2:2014 ASTM E119 (excluding hose stream test)	A
LIGHTWEIGHT PARTITIONS – NON-LOADBEARING	Extended application of results from fire resistance tests	BS EN 15254-3:2019	A
FLOORS and FLAT ROOFS	Fire resistance	BS 476:Part 21:1987:Section 7 Fire Test Study Group Resolutions 43, 47, 53, 67, 70, 71, 72, 77 and 83 ISO 834-3:2012 BS EN 1365-2:2014 ASTM E119 (excluding hose stream test)	A
LOADED BEAMS	Fire resistance	BS 476:Part 21:1987 Section 5 Fire Test Study Group Resolutions 43, 47, 50, 53, 70, 72 and 77 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 43, 53, 68, 70, 71, 72, 77 and 83 ISO 834-3:2012	A



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DOOR and SHUTTER ASSEMBLIES	Fire resistance	BS 476:Part 22:1987:Sections 6, 7 and 8 Fire Test Study Group Resolutions 43, 47, 50, 51, 53, 63, 70, 71, 72, 77, 78 and 83 BS EN 1634-1:2014+A1:2018 + Aug 2018	A
GLAZING	Fire resistance	BS 476:Part 22:1987:Section 10 Fire Test Study Group Resolution 43, 70, 71, 72, 77 and 83 BS EN 1364-1:2015	A
CEILING MEMBRANES	Fire resistance	BS 476:Part 22:1987:Section 9 Fire Test Study Group Resolution 43, 50, 53, 70, 71, 72, 77 and 83 BS EN 1364-2:2018	A
PENETRATION SEALS	Fire resistance	BS EN 1366-3:2009	A
HORIZONTAL PROTECTIVE MEMBRANES	Contribution to the fire resistance of structural members	BS EN 13381-1:2020	A
PARTITIONS (including matching linings)	<u>Structural Tests</u>		
	A. Partition stiffness	BS 5234:Part 2:1992	A
	B. Surface change by small hard body impact		A
	C. Resistance to damage by large soft body impact		A
	D. Resistance to perforation by small hard body impact		A
	E. Resistance to structural damage by multiple impacts from a large soft body		A
	F. Door slamming		A
	G. Crowd pressure		A
	H. Lightweight anchorage pull-out		A



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PARTITIONS (including matching linings)	J. Lightweight anchorage pull-down		A
	K. Heavyweight anchorage - eccentric downward loading test (wash basin)		A
	L. Heavyweight anchorage - eccentric downward loading test (high level wall cupboard)		A
PARTITIONS (including matching linings)	Uniformly Distributed Load	Documented In-House Method UDL AP 085 vs 8	A
LOAD BEARING WALLS	<u>Mechanical Tests</u>		
GYPSUM PLASTERBOARD	Racking resistance	BS EN 594:2011	A
	<u>Product Tests</u>	BS EN 520: 2004 + A1: 2009	
	Dimensions	Clause 5.2, 5.3, 5.4	A
	Squareness	Clause 5.5	A
	Taper profile	Clause 5.6	A
	Flexural strength	Clause 5.7	A
	Deflection under load	Clause 5.8	A
	Water absorption - surface - total	Clause 5.9.1, 5.9.2	A
	Core cohesion at high temperature	Clause 5.10	A
	Density	Clause 5.11	A
Surface hardness	Clause 5.12	A	
Shear strength	Clause 5.13	A	
GYPSUM BOARDS	<u>Product Tests</u>	BS EN 15283 -1:2008 + A1: 2009	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Gypsum boards with mat reinforcement	Determination of Width, Length & Thickness	Clause 5.2, 5.3 & 5.4	A
	Determination of Squareness	Clause 5.5	A
	Determination of Flexural Breaking Load	Clause 5.6	A
	Determination of Deflection Under Load	Clause 5.7	A
	Determination of Total water Absorption	Clause 5.8	A
GYPSONUM BOARDS (cont'd)	<u>Product Tests</u> (cont'd)	BS EN 15283 -1:2008 + A1: 2009	
Gypsum boards with mat reinforcement	Determination of Surface Hardness of The Board	Clause 5.9	A
GYPSONUM BOARDS	<u>Product Tests</u>	BS EN 15283 -2:2008 + A1: 2009	
Gypsum fibre boards	Determination of Width, Length & Thickness	Clause 5.2, 5.3 & 5.4	A
	Determination of Squareness	Clause 5.5	A
	Determination of Flexural strength	Clause 5.6	A
	Determination of Deflection Under Load	Clause 5.7	A
	Determination of surface water Absorption	Clause 5.8	A
	Determination of total water absorption	Clause 5.9	A
	Determination of density	Clause 5.10	A
	Determination of surface hardness of the board	Clause 5.11	A
	Determination of shear strength	Clause 5.12	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PAPER and BOARD	Determination of grammage	BS EN ISO 536:2020	A
END			