

# 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>	<b>Technology Centre</b> <b>a trading name of</b> <b>VINCI CONSTRUCTION UK LIMITED</b>	
	<b>Issue No:</b> 050 <b>Issue date:</b> 01 December 2011	<b>Technology Centre</b> Stanbridge Road Leighton Buzzard Bedfordshire LU7 4QH

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
<p><b>Address</b>                      Technology Centre                      Stanbridge Road                      Leighton Buzzard                      Bedfordshire                      LU7 4QH</p> <p><b>Contact:</b>                      Mr A T Blake                        Tel: +44 (0)7816 51 4862/(0)1525 859050                      Fax: +44 (0)1525 859001                      E-Mail: andy.blake@vinciconstruction.co.uk</p>	Building elements Concrete and mortars Earth moving machinery and construction plant Floors Paints and varnishes Paved surfaces Road and airfield surface characteristics Road pavement surfaces Windows, curtain walls and doors Acoustics Facades Roofs	A

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

Location details	Activity	Location code
<p>At all locations suitable for the activities listed</p> <p><b>Contact:</b>                      Mr A T Blake</p>	Buildings Building elements Floors Paved surfaces Road and airfield surface characteristics Road pavement surfaces Windows, curtain walls Acoustics	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
BUILDINGS	Building Air Leakage Test	CIBSE TM23:2000 BS EN 13829:2001 ATTMA Technical Standard 1	B
	Building Air Leakage Test Dwellings	ATTMA TSL1:2010	B
	Building Air Leakage Test Non-dwellings	ATTMA TSL2:2010	B
BUILDING ELEMENTS	Measurement of airborne sound insulation of building elements	BS EN ISO 140-3:1995	A
	Field measurement of airborne sound insulation between rooms	BS EN ISO 140-4:1998 ISO 140-4:1998	B
BUILDING ELEMENTS Walls Doors Windows Glazing Doors Façade elements	Laboratory measurement of airborne sound insulation of building elements	BS EN ISO 10140-2:2010	A
CONCRETE - hardened	Gas permeability and diffusion coefficients	Documented In-House Method No TP1303/90/4672	A
CONCRETE and MORTARS - hardened	Chloride content	Documented In-House Method No TP1303/90/4670	A



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CURTAIN WALLING RAINSCREENS SLOPE GLAZING	Air Leakage	CWCT Standards for Systemised Building Envelopes and Test Methods for Building Envelopes, December 2005 Section 5	A
	Water Penetration - Static Method	Section 6	A & B
	Water Penetration - Dynamic, Aero Engine	Section 7	A
	Water Penetration - Hose Test	Section 9	A & B
	Water Penetration - Spraybar	Section 10	A & B
	Wind Resistance - Serviceability	Section 11	A
	Wind Resistance - Safety	Section 12	A
	Impact Test	Section 15	A
EARTH MOVING MACHINERY and CONSTRUCTION PLANT - roll over protective structures (ROPS)	Force-deflection characteristics under static loading (temperature ambient)	Council Directive 98/37/EC BS EN ISO 3471:2008 BS 6912-14:2000 (Withdrawn) BS EN 13510:2000 (Withdrawn)	A
EARTH MOVING MACHINERY and CONSTRUCTION PLANT - falling object protective structures (FOPS)	Deflection characteristics under impact of falling mass (temperature ambient)	Council Directive 98/37/EC BS EN ISO 3449:2008 BS 6912-6:2000 (Withdrawn) BS EN 13627:2000 (Withdrawn)	A



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EXTERIOR WINDOWS, CURTAIN WALLS and DOORS	Watertightness under static pressure	BS EN 12155:2000 BS EN 1027:2000	A
	Wind resistance	BS EN 12179:2000 BS EN 12211:2000	A
	Rate of air leakage	ASTM E 283-04	A
	Air permeability	BS EN 12153:2000 BS EN 1026:2000	A
	Water penetration using dynamic pressure	AAMA 501.1-94	A
	Structural performance by uniform static air pressure difference	ASTM E 330-02 (Reapproved 2010)	A
	Weathertightness	BS 6375:Part 1:2009	A
	Water penetration by uniform static pressure difference	ASTM E 331-00 (Reapproved 2009)	A
	Hose test	AAMA 501.2-09	A
	Impact resistance of opaque wall components - Hard body impact tests	BS 8200:1985	A
	Impact resistance of opaque wall components - Soft body impact tests	BS 8200:1985	A
Impact resistance	BS EN 14019:2004 BS EN 13049:2003	A	
FACADED AND FAÇADE ELEMENTS	Laboratory measurement of the flanking transmission of airborne and impact sound between adjoining rooms	BS EN ISO 10848-2:2006 BS EN ISO 10848-3:2006	A



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FLOORS	Field measurement of impact sound insulation of floors	BS EN ISO 140-7:1998 ISO 140-7:1998	B
	Field measurement of airborne sound insulation	BS EN ISO 140-4:1998 ISO 140-4:1998	B
GLAZED ROOFING	Safety and Fragility tests Temperature range -20 °C to 50 °C	CWCT Technical Note No 67	A
PAINTS AND VARNISHES. COATING MATERIALS AND COATING SYSTEMS FOR EXTERIOR MASONRY AND CONCRETE	Determination of carbon dioxide permeability	BS EN 1062-6:2002 & Documented In-House Method TP950/05/13569	A
NATURAL STONE	Slip resistance	BS EN 14231:2003	A & B
PAVED SURFACES	Slip resistance value	Guidelines Recommended by the UK Slip Resistance Group 'The Measurement of Floor Resistance', Issue 2 June 2000	A & B
	Slip resistance value	The assessment of floor slip resistance. The UK slip resistance group guidelines, Issue 3:2005	A & B
	Unpolished slip resistance value	BS EN 1339:2003	B
ROAD AND AIRFIELD SURFACE CHARACTERISTICS	Slip/Skid resistance of a surface - The pendulum test	BS EN 13036-4:2003	B
ROOF AND ROOF ELEMENTS	Laboratory measurement of sound generated by rainfall on building elements	BS EN ISO 140-18:2006	A
WINDOWS and CURTAIN WALLING	Watertightness Site Test	BS EN 13051:2001	B
	Hose Test	AAMA 501.2-09	B
END			