

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0278 Accredited to ISO/IEC 17025:2017	RSK Environment Limited	
	Issue No: 047 Issue date: 30 April 2021	
	18 Frogmore Road Hemel Hempstead Hertfordshire HP3 9RT	Contact: Dr David Crofts Tel: +44 (0)1442 437500 Fax: +44 (0)1442 437550 E-Mail: dcrofts@rsk.co.uk Website: www.rsk.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 18 Frogmore Road Hemel Hempstead Hertfordshire HP3 9RT	Local contact Dr D Crofts	Testing of Aggregates, Bricks and Blocks, Concrete, Construction materials, Mortar, Paint, Rock, Roofing Slate, Building Stone, Natural Stone and Soils for civil engineering purposes.
Address Abbey Park Humber Road Coventry CV3 4AQ	Local contact Mr D Sykes Tel: 02476 505600	Asbestos fibre counting and identification

Site activities performed away from the locations listed above:

Location details	Activity	Location code
All site locations suitable for the activities listed	Testing and sampling of concrete structures, flooring and paved surfaces and thermal insulation products	B
Premises including domestic, commercial and industrial	Health and Hygiene	C



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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
AGGREGATES	Water-soluble chloride salts by potentiometry	BS EN 1744-1: 2009+A1:2012:Section 8	A
	Water-soluble sulfates	BS EN 1744-1: 2009+A1:2012:Section 10	A
	Acid soluble sulfates	BS EN 1744-1: 2009+A1:2012:Section 12	A
	Qualitative and quantitative petrographic description of aggregates	BS 812-104:1994	A
	Simplified petrographic description	BS EN 932-3:1997	A
	Petrographic examination of aggregates for concrete	ASTM C295/C295M – 19	A
	Petrographic examination	Documented In-House Method TP 575	A
	Particle size distribution - washing and sieving	BS EN 933-1:2012	A
	Particle size distribution - dry sieving	BS EN 933-1:2012	A
	Drying shrinkage	BS EN 1367-4:2008	A
	Magnesium sulfate test	BS EN 1367-2:2009	A
	Alkali-silica reactivity - concrete prism method	BS 812:Part 123:1999	A
	Uniformity coefficient	BS EN ISO 14688-2:2018	A
	Flakiness index	BS EN 933-3:2012	A
	Micro-Deval coefficient	BS EN 1097-1:2011	A
Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2020	A	
Water content	BS EN 1097-5:2008	A	



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AGGREGATES (cont'd)	Particle density and water absorption pyknometer method for aggregate particles between 4 mm and 31,5 mm	BS EN 1097-6:2013	A
	Particle density and water absorption - pyknometer method for aggregate particles between 0,063 mm and 4 mm	BS EN 1097-6:2013	A
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	Sampling of bulk materials for asbestos identification	Health and Safety Executive Asbestos: The analysts' guide for sampling, analysis and clearance procedures (HSG 248) HSG 248:February 2005 Documented In-House Method No. ASB 006	C
	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	HSG 248:February 2005 by Documented In-House Method No. ASB 002 using stereo microscopy, polarized light microscopy and dispersion staining	D
ASBESTOS FIBRES IN AIR	Fibre counting	Health and Safety Executive Asbestos: The analysts' guide for sampling, analysis and clearance procedures (HSG 248) (cont'd) HSG 248:February 2005 Membrane Filter Method using Phase Contrast Microscopy Documented In-House Method No. ASB 017	C, D
	Sampling of air for fibre counting	HSG 248:February 2005 Documented In-House Method No. ASB 017	C
	4 stage clearance process	HSG 248:February 2005 and Documented In-House Method No. ASB 020	C



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CLAY BRICKS	Petrographic examination	Documented In-House Method TP 573	A
	Compressive strength	BS EN 772-1:2011+A1:2015	A
	Water absorption by cold water absorption	BS EN 772-7:1998	A
	Dimensions	BS EN 772-16:2011	A
CONCRETE - hardened	Cement and aggregate content	BS 1881-124:2015	A
	Chloride content	BS 1881-124:2015	A
	Sulfate content	BS 1881-124:2015	A
	Determination of carbonation depth in hardened concrete by the phenolphthalein method	BS EN 14630:2006	A
	Rapid chemical test for detecting High Alumina Cement Concrete	Documented In-House Method TP 570 based on BRE Special Digest 3	A
	Sodium oxide and potassium oxide contents	Documented In-House Method TP 568 (based on BS EN 196-2:2013 Clauses 4.5.19 and 4.5.20)	A
	Petrographic examination	ASTM C856/C856M-20	A
	Petrographic examination	Documented In-House Method TP 573	A
	Compressive strength of cubes - including curing	BS EN 12390-1:2012 BS EN 12390-2:2019 BS EN 12390-3:2019	A
	Cored specimens - examining and testing in compression	BS EN 12504-1:2019 BS EN 12390-1:2012 BS EN 12390-3:2019	A
	Water absorption	BS 1881-122:2011	A
Density	BS EN 12390-7:2019	A	



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CONCRETE – hardened (cont'd)	Coring	Documented In-House Method TP 565	B
	Taking concrete cores	BS EN 12504-1:2019	B
	Testing concrete cores	BS EN 12504-1:2019	B
	Sampling of concrete by dust drilling	Documented In-House Method TP 565	B
CONCRETE - reinforced	Location of reinforcement - up to 150mm cover	BS 1881-204:1988	B
	Half-cell potential of uncoated reinforcing steel in concrete	ASTM C876-15	B
CONSTRUCTION MATERIALS	Petrographic examination	Documented In-House Method TP 573	A
FLOORING	Slip resistance and surface roughness	UK Slip Resistance Group Issue 5: 2016	A, B
	Slip resistance by means of the pendulum tester	BS EN 14231:2003	A, B
MASONRY UNITS	Compressive strength	BS EN 772-1:2011+A1:2015	A
	Water absorption by cold water absorption	BS EN 772-7:1998	A
MORTARS, SCREEDS and PLASTERS	Chemical analysis - freshly mixed and hardened mortars	BS 4551:2005+A2:2013	A
	Compressive strength - including curing	BS EN 1015-11:2019	A
PAINT	Determination of lead and/or chromium	Documented In-House Method TP 574	A
PAVED SURFACES	Slip resistance and surface roughness	UK Slip Resistance Group Issue 5: 2016	A, B
ROCK	Petrographic examination	Documented In-House Method TP 573	A



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ROOFING SLATES	Length and width and the deviation from the specified length and width	BS EN 12326-2:2011	A
	Thickness	BS EN 12326-2:2011	A
	Amount by which the edges deviate from a straight line	BS EN 12326-2:2011	A
	Rectangularity of slates	BS EN 12326-2:2011	A
	Deviation from flatness	BS EN 12326-2:2011	A
	Petrographic examination	BS EN 12326-2:2011	A
	Failure load in bending	BS EN 12326-2:2011	A
	Water absorption test	BS EN 12326-2:2011	A
	Thermal cycle test	BS EN 12326-2:2011	A
SLATE	Petrographic examination	BS EN 12326-2:2011	A
	Failure load in bending	BS EN 12326-2:2011	A
SOILS for civil engineering purposes	Particle size distribution - wet sieving	BS 1377-2: 1990	A
	Particle size distribution - dry sieving	BS 1377-2: 1990	A
BUILDING STONE	Petrographic examination	BS EN 12407:2019	A
	Slip resistance and surface roughness	UK Slip Resistance Group Issue 5: 2016	A
NATURAL STONE	Petrographic examination	BS EN 12407:2019	A
	Flexural strength under concentrated load	BS EN 12372:2006	A
	Slip resistance by means of the pendulum tester	BS EN 14231:2003	A
	Apparent density	BS EN 1936:2006	A
	Open porosity	BS EN 1936:2006	A



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SLABS, SETTS AND KERBS - natural stone	Petrographic examination	BS EN 12407:2019	A
	Compressive strength of setts	BS EN 1926:2006	A
	Flexural strength under concentrated load	BS EN 12372:2006	A
	Unpolished slip resistance value	BS EN 14231: 2003	A
	Water absorption at atmospheric pressure	BS EN 13755:2008	A
STONE - subject to foot traffic	Abrasion resistance	ASTM C241/C241M-15E1	A
END			