



0494
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Celtest Company Ltd
Issue No: 060 **Issue date:** 05 January 2024

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Aggregate crushing value - particle size 10 mm and greater	BS 812-110:1990	A
	Aggregate crushing value - particle size smaller than 10 mm	BS 812-110:1990	A
	Ten per cent fines value - dry - particle size 10 mm and greater	BS 812-111:1990	A
	Ten per cent fines value - soaked - particle size 10 mm and greater	BS 812-111:1990	A
	Ten per cent fines value - dry - particle size smaller than 10 mm	BS 812-111:1990	A
	Ten per cent fines value - soaked - particle size smaller than 10 mm	BS 812-111:1990	A
	Aggregate impact value - dry	BS 812-112:1990	A
	Aggregate impact value - soaked	BS 812-112:1990	A
	Acid-soluble material content	BS 812-119:1985	A
	Frost-heave	BS 812-124:2009	A
	Carbon dioxide content (reference method)	BS EN 196-2:2013	A
	Carbon dioxide content (alternative method)	BS EN 196-2:2013	A
	Sampling stockpiles of fine aggregates by hand	BS EN 932-1:1997	B
	Sampling stockpiles of coarse aggregates by hand	BS EN 932-1:1997	B



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AGGREGATES (cont'd)	Sample reduction using a riffle box	BS EN 932-2:1999	A, C
	Sample reduction by quartering	BS EN 932-2:1999	A, C
	Sample reduction to a test portion of a specified mass within a small tolerance	BS EN 932-2:1999	A, C
	Sample reduction with crushing to reduce the particle size	BS EN 932-2:1999	A
	Particle size distribution - sieving method	BS EN 933-1:2012	A, X, C
	Flakiness index	BS EN 933-3:2012	A, X, C
	Shape index	BS EN 933-4:2008	A
	Percentage of crushed particles in coarse and all-in natural aggregates	BS EN 933-5:2022	A
	Shell content	BS EN 933-7:1998	A
	Assessment of fines - sand equivalent test	BS EN 933-8:2012 + A1:2015	A
	Assessment of fines - methylene blue test	BS EN 933-9:2022	A
	Assessment of fines - grading of fillers (air-jet sieving)	BS EN 933-10:2009	A
	Classification test for the constituents of coarse recycled aggregate	BS EN 933-11:2009	A
	Resistance to wear (micro-Deval)	BS EN 1097-1:2011	A
	Resistance to wear (micro-Deval) of railway ballast	BS EN 1097-1:2011 Annex A	A
	Micro-Deval coefficient in the dry condition	BS EN 1097-1:2011 Annex B	A



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AGGREGATES (cont'd)	Alternative narrow range classification for the micro-Deval test	BS EN 1097-1:2011 Annex C	A
	Resistance to fragmentation by the Los Angeles test method	BS EN 1097-2:2020	A
	Resistance to fragmentation of aggregates for railway ballast	BS EN 1097-2:2020 Annex A	A
	Alternative narrow range classifications for the Los Angeles test	BS EN 1097-2:2020 Annex B	A
	Loose bulk density and voids	BS EN 1097-3:1998	A
	Apparent (bulk) density of filler in kerosene	BS EN 1097-3:1998	A
	Water content	BS EN 1097-5:2008	A, X
	Particle density and water absorption - wire-basket method for aggregate particles between 31,5 mm and 63 mm	BS EN 1097-6:2022	A
	Particle density and water absorption - pycnometer method for aggregate particles between 4 mm and 31,5 mm	BS EN 1097-6:2022	A
	Particle density and water absorption - pycnometer method for aggregate particles between 0,063 mm and 4 mm	BS EN 1097-6:2022	A
	Particle density of filler - pycnometer method	BS EN 1097-7:2022	A
	Polished stone value	BS EN 1097-8:2020	A
	Aggregate abrasion value	BS EN 1097-8:2020	A
	Resistance to freezing and thawing	BS EN 1367-1:2007	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	Magnesium sulfate test	BS EN 1367-2:2009 - aggregate particles between 0,30 mm and 28 mm	A
	Drying shrinkage	BS EN 1367-4:2008	A
	Water-soluble chloride salts using the Volhard method (reference method)	BS EN 1744-1:2009 + A1:2012	A
	Water-soluble sulfates in natural and manufactured aggregates	BS EN 1744-1:2009 + A1:2012	A
	Total sulfur content by acid digestion (reference method)	BS EN 1744-1:2009 + A1:2012	A
	Acid soluble sulfates	BS EN 1744-1:2009 + A1:2012	A
	Acid soluble sulfides	BS EN 1744-1:2009 + A1:2012	A
	Lightweight contaminators	BS EN 1744-1:2009 + A1:2012	A
	Potential presence of humus	BS EN 1744-1:2009 + A1:2012	A
	Fulvo acid content	BS EN 1744-1:2009 + A1:2012	A
	Water solubility of aggregate, excluding filler	BS EN 1744-1:2009 + A1:2012	A
	Water solubility of filler	BS EN 1744-1:2009 + A1:2012	A
	Potential alkali reactivity of aggregates (mortar-bar method)	ASTM C1260-22	A
	Magnesium sulfate test	Defence Estates Specifications: 12 Appendix A : July 2010 13 Appendix B : August 2009 49 Appendix A : August 2009	A
	Magnesium sulfate test	Defence Infrastructure Organisation Specifications: 12 Appendix A : March 2015 13 Appendix A : March 2015 49 Appendix A : March 2015	A