



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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BITUMINOUS MATERIALS BITUMINOUS MIXTURES for roads and other paved areas	Needle penetration - 25 °C	BS EN 1426:2015	C
	Softening point - ring and ball method	BS EN 1427:2015	C
	Bitumen recovery: rotary evaporator	BS EN 12697-3:2013 + A1:2018	C
	Wheel-tracking rate	BS 598-110:1998	C
	Protocol for determining the design binder content of designed HRA surface course mixtures	BS 594987:2015 + A1:2017 Annex H	C
	Soluble binder content by difference, using bottle rotation machine and pressure filter	BS EN 12697-1:2020	C, X
	Soluble binder content by recovery, using bottle rotation machine, bucket centrifuge type 1 and volume calculation	BS EN 12697-1:2020	C
	Particle size distribution	BS EN 12697-2:2015 + A1:2019	C, X
	Maximum density - volumetric procedure	BS EN 12697-5:2018	C, X
	Bulk density - dry	BS EN 12697-6:2020	C, X
	Bulk density - saturated surface dry (SSD)	BS EN 12697-6:2020	C, X
	Bulk density - sealed specimen - by dimensions	BS EN 12697-6:2020	C
	Air voids content (V _a)	BS EN 12697-8:2018	C, X
	Percentage of the voids in the mineral aggregate filled with binder (VFB)	BS EN 12697-8:2018 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C, X



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Voids content in the mineral aggregate (VMA)	BS EN 12697-8:2018 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C
	Conventional refusal density - vibratory compaction	BS EN 12697-9:2002	C
	Percentage refusal density (PRD) - vibratory compaction	BS EN 12697-9:2002	C, X
	Affinity between aggregate and bitumen - rolling bottle method - static method	BS EN 12697-11:2020	C
	Sensitivity to water - method A	BS EN 12697-12:2018	C
	Temperature measurement by contact measuring device - in a lorry - of material after it has been laid and before or during rolling - in a heap	BS EN 12697-13:2017	B
	Temperature measurement by infrared-thermometer - measurements of temperature in a paver hopper	BS EN 12697-13:2017	B
	Particle loss of porous asphalt specimen	BS EN 12697-17:2017	C
	Binder drainage - beaker method	BS EN 12697-18:2017	C
	Permeability of bituminous specimen - vertical permeability - horizontal permeability	BS EN 12697-19:2020	C
	Wheel tracking using a small size device and procedure A	BS EN 12697-22:2020	C



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Wheel tracking using a small size device and procedure B in air	BS EN 12697-22:2020	C
	Indirect tensile strength	BS EN 12697-23:2017	C
	Stiffness - test applying indirect tension to cylindrical specimens (IT-CY)	BS EN 12697-26:2004 Annex C	C
	Sampling - from the material around the augers of the paver - of workable material in heaps - of laid and compacted materials by coring	BS EN 12697-27:2017	B
	Preparation of samples for determining binder content, water content and grading	BS EN 12697-28:2020	C, B
	Determination of the dimensions of a bituminous sample	BS EN 12697-29:2020	C
	Specimen preparation by impact compactor with wooden pedestal	BS EN 12697-30:2018 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C, X
	Specimen preparation by vibratory compaction	BS EN 12697-32:2019	C, X
	Specimen prepared by roller compactor	BS EN 12697-33:2019	C
	Marshall test	BS EN 12697-34:2020 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	C, X
	Laboratory mixing	BS EN 12697-35:2016	C



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Thickness of a bituminous pavement - destructive method	BS EN 12697-36:2022	C, X
	Hot sand test for the adhesivity of binder on precoated chippings for HRA	BS EN 12697-37:2003	C
	In-situ drainability	BS EN 12697-40:2020	B
	Amount of coarse foreign matter in reclaimed asphalt	BS EN 12697-42:2021	C
	Surface shear strength	PD CEN/TS 12697-51:2017	C
	Asphalt mix design	Defence Estates Specifications: 12 Clauses 4, 5 & 6 : July 2010 13 Appendix A : August 2009	C
	Asphalt mix design	Defence Infrastructure Organisation Specifications: 12 Clauses 4, 5 & 8 : March 2015 13 Appendix A : March 2015	C
	Torque bond test	BBA SG3 Guideline Document Appendix A.3 : June 2013	C
BITUMINOUS ROAD SURFACING	In-situ density - nuclear method	Documented In-House Method No.: MS-G-ST-06	B
	In-situ density - dielectric method	Documented In-House Method No.: MS-G-ST-07	B