


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0989 Accredited to ISO/IEC 17025:2017	National Laboratory for Technical Innovation a trading name of Tarmac Trading Limited	
	Issue No: 049	Issue date: 22 May 2025
	Wolverhampton Laboratory Hilton Main Cannock Road Featherstone Wolverhampton WV10 7HP	Contact: Mr J Howarth Tel: +44 (0) 73680399282 E-Mail: Jack.howarth@tarmac.com
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 Wolverhampton Laboratory Hilton Main Cannock Road Featherstone Wolverhampton WV10 7HP	Local contact Mr J Howarth	Testing of aggregates, bitumens and bituminous mixtures, concrete and soils	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
All site locations suitable for the activities listed	Sampling of bituminous mixtures	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
AGGREGATES	Sample reduction using a riffle box	BS EN 932-2:1999	A
	Sample reduction by quartering	BS EN 932-2:1999	A
	Sample reduction to a test portion of a specified mass within a small tolerance	BS EN 932-2:1999	A
	Particle size distribution	BS EN 933-1:2012	A
	Flakiness index	BS EN 933-3:2012	A
	Shape index	BS EN 933-4:2008	A
	Shell content - percentage of shells in coarse aggregate	BS EN 933-7:1998	A
	Assessment of fines - methylene blue test	BS EN 933-9:2022	A
	Assessment of fines - methylene blue value of the 0/0,125 mm fraction	BS EN 933-9:2022	A
	Assessment of fines - grading of fillers (air jet sieving)	BS EN 933-10:2009	A
	Micro-Deval coefficient	BS EN 1097-1:2011	A
	Resistance to fragmentation by the Los Angeles method	BS EN 1097-2:2020	A
	Loose bulk density and voids	BS EN 1097-3:1998	A
	Apparent (bulk) density of filler in kerosene	BS EN 1097-3:1998 Annex A	A
	Water content by drying in a ventilated oven	BS EN 1097-5:2008	A
	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 - pyknometer method for aggregate particles between 4 mm and 31,5 mm	BS EN 1097-6:2022	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)	Particle density and water absorption - pyknometer method for aggregate particles between 0,063 mm and 4 mm	BS EN 1097-6:2022	A
	Particle density of filler - pyknometer method	BS EN 1097-7:2008	A
	Aggregate abrasion value	BS EN 1097-8:2020	A
	Polished stone value	BS EN 1097-8:2020	A
	Magnesium sulfate test	BS EN 1367-2:2009	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
BITUMINOUS MATERIALS	Needle penetration	BS EN 1426:2015	A
	Softening point - ring and ball method	BS EN 1427:2015	A
	Delta ring and ball test	BS EN 13179-1:2013	A
	Determination of dynamic viscosity of bituminous binder using a rotating spindle apparatus	BS EN 13302: 2018	A
	Binder content and grading of mineral aggregate - extraction bottle method: binder by difference, filler directly determined	BS EN 12697-1: 2020 BS EN 12697-2: 2002+A1:2007	A



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BITUMINOUS MIXTURES for roads and other paved areas	Bitumen recovery by rotary evaporator	BS EN 12697-3:2013 + A1 2018	A
	Maximum density	BS EN 12697-5:2018 BSI DD 228:1996	A
	Bulk density	BS EN 12697-6: 2020	A
	Air voids content	BS EN 12697-8:2018	A
	Air voids content (Vm)	BS EN 12697-8:2018 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	A
	Conventional reference density - by impact compactor	BS EN 12697-9:2002	A
	Conventional refusal density - vibratory compaction	BS EN 12697-9:2002	A
	Affinity between aggregate and bitumen - rolling bottle method - static method	BS EN 12697-11:2020	A
	Water sensitivity of bituminous specimens - Method A - Method B	BS EN 12697-12: 2018	A
	Binder drainage	BS EN 12697-18:2017	A
	Wheel tracking using a large size device	BS EN 12697-22:2020	A
	Wheel tracking using a small size device and procedure A	BS EN 12697-22:2020	A
	Wheel tracking using a small size device and procedure B in air	BS EN 12697-22:2020	A



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Determination of indirect tensile strength of bituminous specimens	EN 12697-23:2017	A
	Stiffness - test applying indirect tension to cylindrical specimens (IT-CY)	BS EN 12697-26 Annex C:2004	A
	Sampling of laid and compacted materials by coring	BS EN 12697-27:2017	A
	Preparation of samples for determining binder content, water content and grading.	BS EN 12697-28:2020	A, B
	Determination of the dimensions of a bituminous specimen.	BS EN 12697-29:2020	A
	Specimen preparation by impact compactor	BS EN 12697-30:2018	A
	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	A
	Laboratory compaction of bituminous mixtures by vibratory compaction	BS EN 12697-32:2019	A
	Specimen prepared by roller compactor	BS EN 12697-33: 2019	A
	Marshall test Protocol for determining the design binder content of designed HRA surface Course mixtures to BS EN 13108-4	BS EN 12697-34:2020 BS EN 594987: 2015+A1:2017 Annex H	A
	Laboratory mixing	BS EN 12697-35:2016	A
	Thickness of a Bituminous Pavement (Destructive method)	BS EN 12697-36 :2022	A



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BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Marshall Test	BS EN 12697-34:2020 Defence Estates Specification 13 : August 2009 Defence Infrastructure Organisation Specification 13 : March 2015	A
	Relative hydraulic conductivity of permeable surfacings	DD 229:1996	B
	Sensitivity to water	BBA Guidelines Document for the Assessment and Certification of Thin Surfacing Systems for Highways - July 2004	A
	Torque bond test	BBA Guidelines Document for the Assessment and Certification of Thin Surfacing Systems for Highways - July 2004	A
CONCRETE - hardened	Shape, dimensions and other requirements for specimens and moulds	BS EN 12390-1:2021	A
	Compressive strength of cubes - including curing	BS EN 12390-2:2019 BS EN 12390-3:2019	A A
	Flexural strength	BS EN 12390-5:2019	A
	Density	BS EN 12390-7:2019	A
UNBOUND and HYDRAULICALLY BOUND MIXTURES	Reference density and water content	BS EN 13286-4:2021	A
	Compressive Strength	BS EN 13286-41:2021	A
	Manufacture of HBM cube test specimens via V-hammer compaction	In accordance with documented in-house method TPM/1/016	A
SOILS for civil engineering purposes	Dry density/moisture content relationship (vibrating hammer)	BS 1377-2:2022	A



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GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water Content	BS EN ISO 17892-1:2014	A
	Particle size distribution - wet sieving	BS EN ISO 17892-4:2016	A
	Particle size distribution - dry sieving	BS EN ISO 17892-4:2016	A
END			