



# Solidbase Laboratory Ltd.

## Scope of Accreditation

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<b>Address</b>	Tal-Handaq Industrial Estate, N/S in Handaq Road, Qormi QRM 4000, Malta
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### ACCREDITATION INFORMATION - TESTING LABORATORY

<b>Accreditation No.</b>	008
<b>Accreditation Certificate No.</b>	008/11
<b>Accredited according to</b>	EN ISO/IEC 17025:2005
<b>Accreditation Scope No.</b>	S008/11
<b>Date of issue of this Scope</b>	Friday, 04 August 2017

### SCOPE OF ACCREDITATION

**Issue No: S008/11**

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### TESTING LABORATORY

#### Laboratory Locations

Location Details	Activity	Location Code
<b>Address</b> Tal-Handaq Industrial Estate, N/S in Handaq Road, Qormi QRM 4000, Malta	Testing of Construction Products	A

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

Location Details	Activity	Location Code
Location indicated by Customer	Sampling	B

**NAB-Malta is a signatory for the EA MLA in testing, calibration and inspection**

National Accreditation Board - Malta (NAB - MALTA)  
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Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurement	Standard Specifications/ In- House Methods/ Equipment/ Techniques	Loc. code
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### Construction Material Testing

Fresh Concrete	Making and curing of concrete cubes	EN 12390-2:2009	A / B
Hardened Concrete	Compressive strength testing of concrete cubes	EN 12390-1:2012; EN 12390-3:2009	A
Fresh Concrete	Slump testing of fresh concrete	EN 12350-2:2009	B
Fresh Concrete	Sampling of fresh concrete	EN 12350-1:2009	B
Bituminous mixtures	Preparation of samples for determining binder content, water content and grading.	EN 12697-28:2001	B
Bituminous mixtures	Sampling of bituminous mixtures from around augers of paver	EN 12697-27:2001	B
Bituminous mixtures	Determination of the maximum density	EN 12697-5:2009	A
Bituminous mixtures	Determination of bulk density using procedure A,B and D	EN 12697-6:2012	A
Bituminous mixtures	Marshall test	EN 12697-34:2012	A



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Bituminous mixtures	Soluble Binder Content using procedure B1.5	EN 12697-1:2012	A
Bituminous mixtures	Specimen preparation by impact compactor	EN 12697-30:2012	A
Hardened Concrete	Determination of density of concrete cubes	EN 12390-7:2009	A
Hardened Concrete	Testing concrete in structures. Cored specimens. Taking, examining and testing in compression	EN 12504-1:2009	A
Bituminous mixtures	Sampling of bituminous mixtures by coring	EN 12697-27:2001	B
Hardened Concrete	Depth of Carbonation	BRE Digest 405	B
Water	Determination of chloride content (using chloride reagent)	In-house method LOQP Section 6.3	B
Reinforced Concrete	Half Cell potential measurement	ASTM C876 - 2015	B
Hardened Concrete	Dust sampling in-situ and dust sampling from cores	In-house method LOQP Section 6.3	B
Reinforced Concrete	The locating of reinforcement by cover meter	BS 1881-204: 2015	B



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Hardened Concrete	Assessment of in-situ compressive strength in structures and pre-cast concrete components by cores	EN 13791:2007	A / B
Aggregates	Los Angeles Abrasion Test	EN 1097-2:2010	A
Hardened Concrete	Sounding	In-house method LOQP Section 6.4	B
Hardened Concrete	Analysis of chloride in concrete dust	BS 1881-124:2015	A
Soils and Granular	Unconfined Compressive Strength	ISRM Suggested Method for Determination of the Uniaxial Compressive Strength of Rock Materials, ET Brown 1981. ISRM Suggested Method for Determination of the Uniaxial Compressive Strength of Rock Materials, Modified by Annex W 'Strength Testing of Rock Material' of EN 1997-2:2007	A
Soils and Granular	Plate Bearing Test	DIN 18134: 2012	B
Precast Concrete Units	Methods of test for masonry units. Determination of dimensions and compressive strength	EN 772-1:2011, EN 772-16:2011	A



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Material/ Product/ Matrix Tested/ Calibrated	Type of test/ calibration and/or property measured, range of measurement	Standard Specifications/ In- House Methods/ Equipment/ Techniques	Loc. code
Rock and Soils	Liquid limit (cone penetrometer) Plastic limit Plasticity index	BS 1377 Part 2: 1990	A
Rock and Soils	Particle Density (small pycnometer)	BS 1377 Part 2: 1990	A
Rock and Soils	Particle size distribution	ASTM D 422-63 (Reapproved 1998)	A
Rock and Soils	Odometer (one dimensional consolidation and swelling)	BS 1377 Part 5: 1990	A
Rock and Soils	Small shear box	BS 1377 Part 7: 1990	A
Aggregates	Particle Size Distribution	EN 933-1:2012	A
Aggregates	Moisture Content	EN 1097-5:2008	A
Aggregates	Water Absorption	EN 1097-6:2013	A
Aggregates	Flakiness Test	EN 933-3:2012	A
Aggregates	Shape Index	EN 933-4:2008	A



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### END OF SCOPE

This scope of accreditation may be revised from time to time by NAB-MALTA. To obtain an up-to-date scope contact NAB-MALTA on +356 23952510 ([info@nabmalta.org.mt](mailto:info@nabmalta.org.mt)).



# NAB-MALTA

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