



ISO/IEC 17025  
ACCREDITED  
**TESTING**  
N° 008

# Solidbase Laboratory Ltd.

## Scope of Accreditation

<b>Contact person</b>	Miyan Abdul Majeed Azam
<b>Address</b>	Tal-Handaq Industrial Estate, N/S in Handaq Road, Qormi QRM 4000
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<b>Company Reg. No.</b>	C33162
<b>Email</b>	<a href="mailto:info@solidbasemalta.com">info@solidbasemalta.com</a>
<b>Website</b>	<a href="http://www.solidbasemalta.com">www.solidbasemalta.com</a>

### ACCREDITATION INFORMATION - TESTING LABORATORY

<b>Accreditation No.</b>	008
<b>Accreditation Certificate No.</b>	008/16
<b>Accredited according to</b>	EN ISO/IEC 17025:2017
<b>Accreditation Scope No.</b>	S008/16
<b>Date of issue of this Scope</b>	26 March 2021

### SCOPE OF ACCREDITATION

Issue No: S008/16

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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	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

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National Accreditation Board - Malta (NAB - MALTA)  
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## Scope of Accreditation

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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
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### Construction Material Testing

Ground water	Determination of chloride content using chloride reagent	In-house method LOQP Section 6.3	B
Fresh Concrete	Making and curing of concrete cubes for strength tests	EN 12390-2:2019	A / B
Fresh Concrete	Determining the consistence of fresh concrete by the slump test	EN 12350-2:2019	B
Fresh Concrete	Sampling of fresh concrete (composite sampling and/or by spot sampling)	EN 12350-1:2019	B
Hardened Concrete	Determination of the compressive strength of concrete cubes	EN 12390-1:2012; EN 12390-3:2019	A
Hardened Concrete	Determination of density of hardened concrete cubes	EN 12390-7:2019	A
Hardened Concrete	Testing concrete in structures. Cored specimens. Taking, examining and testing in compression	EN 12504-1:2019	A
Hardened Concrete	Carbonation of concrete and its effect on durability	BRE Digest 405	B

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Hardened Concrete	Dust sampling in-situ and dust sampling from cores	In-house method LOQP Section 6.3	B		
Hardened Concrete	Sounding	In-house method LOQP Section 6.4	B		
Hardened Concrete	Analysis of chloride in concrete dust	BS 1881-124:2015 + A1-2021	A		
Reinforced Concrete	Estimation of corrosion potentials of uncoated reinforcing steel in concrete (Half cell potential measurement)	ASTM C876 -15	B		
Reinforced Concrete	The locating of reinforcement by cover meter	BS 1881-204:1988	B		
Precast concrete units	Methods of test for masonry units. Determination of dimensions and compressive strength	EN 772-1:2011+A1:2015, EN 772-16:2011	A		



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Rock	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		
Rock and Soils	Liquid limit (cone penetrometer) Plastic limit Plasticity index	BS 1377 Part 2: 1990	A		
Rock and Soils	Particle Density (small pyknometer)	BS 1377 Part 2: 1990	A		
Rock and Soils	Particle size distribution	ASTM D 422-63	A		
Rock and Soils	Incremental loading oedometer test (one dimensional consolidation and swelling)	BS 1377 Part 5: 1990	A		
Rock and Soils	Small shear box	BS 1377 Part 7: 1990	A		
Soils and Granular	Plate Bearing Test	DIN 18134: 2012	B		

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Aggregates	Determination of resistance to fragmentation by the Los Angeles test method	EN 1097-2:2020	A		
Aggregates	Determination of particle size distribution – sieving method	EN 933-1:2012	A		
Aggregates	Moisture Content	EN 1097-5:2008	A		
Aggregates	Water Absorption	EN 1097-6:2013	A		
Aggregates	Determination of particle shape - flakiness index	EN 933-3:2012	A		
Aggregates	Shape Index	EN 933-4:2008	A		
Bituminous mixtures	Preparation of samples for determining binder content, water content and grading	EN 12697-28:2020	B		
Bituminous mixtures	Sampling from the material around the augers of the paver	EN 12697-27:2017	B		



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Bituminous mixtures	Determination of the maximum density (volumetric, hydrostatic and by calculation)	EN 12697-5:2018	A		
Bituminous mixtures	Determination of bulk density using (dry, saturated surface dry, by dimensions) using procedure A,B and D	EN 12697-6:2020	A		
Bituminous mixtures	Marshall test	EN 12697-34:2020	A		
Bituminous mixtures	Soluble binder content by difference using automatic extractor method (procedure B 1.7)	EN 12697-1:2020	A		
Bituminous mixtures	Specimen preparation by impact compactor with wooden pedestal	EN 12697-30:2018	A		
Bituminous mixtures	Sampling of bituminous mixtures by coring	EN 12697-27:2017	B		
Bituminous Mixtures	Determination of Particle Size Distribution - Sieving Method	EN 12697-2:2015+A1-2019	A		

### 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)).

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