

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



10206

Accredited to
ISO/IEC 17025:2017

GRC Synergies Limited

Issue No: 006

Issue date: 14 May 2021

14 Aspen Court
Bessemar Way
Rotherham
S60 1FB
United Kingdom

Contact: Bob Faulding
Tel: +44 (0) 1909 547066
E-Mail: bob.faulding@pbs-synergies.com
Website: <http://www.grcsynergies.com/>

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GLASS FIBRE REINFORCED CONCRETE	Dry and wet bulk density, water absorption and apparent porosity	GRCA Methods of Testing, Part 2 January 2016
	Flexural Bending Test loads in tension from 50N to 5,000N (at Class 0.5) minor span values up to 210 mm major span values up to 500 mm	GRCA Methods of testing, Part 3 January 2016
	'Complete' bending test, automatic control by displacement method (0,03 ± 0.003) mm/s	BS EN 1170-5:1998
	Determination of water absorption by immersion and dry density	BS EN 1170-6:1998
	Testing of embedded anchors in glass fibre reinforced concrete – tensile load.	Laboratory developed method (LMD) 1201, Rev 01.
	Testing of embedded anchors in glass fibre reinforced concrete – shear load.	Laboratory developed method (LMD) 1202, Rev 01.
	Dimensional variation of glass fibre reinforced concrete due to moisture content	DIHM SOP12, Rev.02, based on BS EN 1170-7: 1998
	Cyclic weathering test for glass fibre reinforced concrete:	DIHM SOP13, Rev.00, based on BS EN 1170-8: 2008
	Flexural properties of thin section glass fibre reinforced concrete (simple beam with third-point loading); major spans up to 500 mm	ASTM C947-03 (Reapproved 2016)
	Dry and wet bulk density, water absorption and apparent porosity of thin sections of glass fibre reinforced concrete	ASTM C948-81(Reapproved 2016)



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

GRC Synergies Limited

Issue No: 006 Issue date: 14 May 2021

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GLASS FIBRE REINFORCED CONCRETE (cont'd)	Tests for climatic performance, Freeze-thaw	DIHM SOP 33, Version 02, December 2020, based on EN 12467:2012+A2:2018, Clause 7.4.1
	Testing of anchor bonding pads in spray process glass fibre reinforced concrete	DIHM LDM 1204, Version 02, December 2020
CONCRETE – fresh	Testing fresh concrete - sampling and common apparatus	BS EN 12350-1:2019
HARDENED CONCRETE	Testing Hardened Concrete: Shape, dimensions and other requirements for specimens and moulds	BS EN 12390-1:2012
	Testing Hardened Concrete: Making and curing specimens for strength tests	BS EN 12390-2 :2019
	Testing Hardened Concrete: Compressive Strength of test specimens	BS EN 12390-3:2019
	Testing Hardened Concrete: - Density of hardened concrete	BS EN 12390-7:2019
	Standard test method for density (unit weight), yield and air content (gravimetric) of (fresh) concrete	ASTM C138/C138M – 17a
	Standard test method for density, absorption and voids in hardened concrete	ASTM C642-13
PRECAST CONCRETE	Common Rules for precast concrete products – Test of water absorption	BS EN 13369-2018 Annex F (Normative)
CAST STONE	CAT Weathering Test	BS 1217-2008 Annex A (Normative)
AGGREGATES	Loss on Ignition (LOI at 1000°C)	Silica and Moulding Sands Association (SAMSA)
	Water content - drying in a ventilated oven	BS EN 1097-5:2008
	Particle size distribution – dry sieving method for aggregates with an upper (D) sieve size of 4 mm or less	BS EN 933-1: 2012
END		