


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>1175</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Kirton Concrete Services Ltd</h3> <p>Issue No: 036 Issue date: 04 January 2024</p>	
	<p>Manor House Station Road Hibaldstow Brigg North Lincolnshire DN20 9EB</p>	<p>Contact: Mr J Burton Tel: +44 (0)1652-656931 Fax: +44 (0)1652-651082 E-Mail: office@kirtonlab.co.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CEMENT	<u>Chemical Tests</u>	
	Loss on ignition	BS EN 196-2:2013
	Gravimetric determination of sulfate	BS EN 196-2:2013
	Residue insoluble in hydrochloric acid and sodium carbonate	BS EN 196-2:2013
	Chloride content	BS EN 196-2:2013
	Alkali content	BS EN 196-2:2013
	Water-soluble chromium (VI) content	BS EN 196-10:2016
	<u>Mechanical Tests</u>	
	Compressive strength	BS EN 196-1:2016 ISO 679:2009 - tested at 20 °C and 27 °C
	<u>Physical Tests</u>	
	Standard consistence	BS EN 196-3:2016
	Setting time	BS EN 196-3:2016
	Soundness	BS EN 196-3:2016
	Fineness - air permeability (Blaine) method	BS EN 196-6:2018
Density	BS EN 196-6:2010 National Annex NC	



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FLY ASH FOR CONCRETE (PFA)	<u>Chemical Tests</u>	
	Sulfuric anhydride content	EN 450-1:2012 EN 196-2
	Loss on ignition	EN 450-1:2012 EN 196-2
	Chloride content	EN 450-1:2012 EN 196-2
	<u>Mechanical Tests</u>	
	Activity Index	EN 450-1:2012 EN 196-1
	<u>Physical Tests</u>	
	Initial setting time	EN 450-1:2012 EN 196-3
	Soundness	EN 450-1:2012 EN 196
	Fineness	EN 451-2:2005
GROUND GRANULATED BLASTFURNACE SLAG for use with Portland cement	Particle density	BS EN 1097-7:2008
	<u>Chemical Tests</u>	
	Residue insoluble in hydrochloric acid and sodium carbonate	EN 15167-1:2006 BS EN 196-2
	Sulfuric anhydride content	EN 15167-1:2006 BS EN 196-28
	Loss on ignition	EN 15167-1:2006 BS EN 196-2
	Chloride content	EN 15167-1:2006 BS EN 196-2



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GROUND GRANULATED BLASTFURNACE SLAG for use with Portland cement (contd)	<u>Mechanical Tests</u>	
	Activity Index	EN 15167-1:2006 BS EN 196-1
	<u>Physical Tests</u>	
	Moisture content	EN 15167-1:2006
	Soundness	EN 15167-1:2006 BS EN 196-3
	Initial setting time	EN 15167-1:2006 BS EN 196-3
	Fineness	EN 15167-1:2006 BS EN 196-6
ADMIXTURES for concrete cement and grout	<u>Physical Tests</u>	
	Determination of conventional dry material content	EN 480-8:2012
CONCRETE - fresh	<u>Physical Tests</u>	
	Preparation of concrete mixes for compressive strength	BS 1881:Part 131:1995 Annex C
	Slump	BS EN 12350-2:2019
CONCRETE - hardened	Making and curing specimens for strength tests	BS EN 12390-2:2019
	<u>Mechanical Tests</u>	
	Compressive strength of cubes - including curing	BS EN 12390-3:2019 BS EN 12390-1:2012 BS EN 12390-2:2019
	<u>Physical Tests</u>	
	Density	BS EN 12390-7:2019 + AC 2020
END		

Certificate of Accreditation



Kirton Concrete Services Ltd

Testing Laboratory No. 1175

**Is accredited in accordance with International Standard ISO/IEC 17025:2017
– General Requirements for the competence of testing and calibration
laboratories.**

This accreditation demonstrates technical competence for a defined scope specified in the schedule to this certificate, and the operation of a management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017). The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued.

The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements.

A handwritten signature in black ink, appearing to read "Matt Gantley", is positioned above a horizontal line.

Matt Gantley, *Chief Executive Officer*
United Kingdom Accreditation Service

Initial Accreditation: 1 February 1992
Certificate Issued: 25 January 2021



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