

CEMENT AND CONCRETE RELATED STANDARDS

Updated in May 2018

CONCRETE STANDARDS

STANDARD	TITLE
BS EN 206:2013 +A1:2016	Concrete — Specification, performance, production and conformity
BS 8500-1:2015 +A1:2016	Concrete – Complementary British Standard to BS EN 206 Part 1: Method of specifying and guidance for the specifier
BS 8500-2:2015 +A1:2016	Concrete – Complementary British Standard to BS EN 206 Part 2: Specification for constituent materials and concrete

DESIGN AND EXECUTION STANDARDS

STANDARD	TITLE
BS EN 1992-1-1 :2004+A1:2014	Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings
BS EN 1996-1-1 :2005+A1:2012	Eurocode 6: Design of masonry structures – Part 1-1: General rules and rules for buildings
BS EN 13670 :2009	Execution of concrete structures
BS 6349-1-4 :2013	Maritime works – Part 1-4: General – Code of practice for materials

MANAGEMENT SYSTEMS STANDARDS

STANDARD	TITLE
BS EN ISO:9001 :2015	Quality management systems - Requirements
BS EN ISO:14001:2015	Environmental management systems – Requirements with guidance for use
BS OHSAS 18001:2007	Occupational health and safety management systems – Requirements

CEMENT STANDARDS



STANDARD	TITLE
BS EN 196-1 :2005	Methods of testing cement Part 1: Determination of strength
BS EN 196-2 :2013	Method of testing cement Part 2: Chemical analysis of cement
BS EN 196-3 :2016	Methods of testing cement Part 3: Determination of setting times and soundness
BS EN 196-5 :2011	Methods of testing cement Part 5: Pozzolanicity test for pozzolanic cement
BS EN 196-6 :2010	Methods of testing cement Part 6: Determination of fineness
BS EN 196-7 :2007	Methods of testing cement Part 7: Methods of taking and preparing samples of cement
BS EN 196-8 :2010	Methods of testing cement Part 8: Heat of hydration - Solution method
BS EN 196-9 :2010	Methods of testing cement Part 9: Heat of hydration - Semi-adiabatic method
BS EN 196-10 :2016	Methods of testing cement Part 10: Determination of the water-soluble chromium (VI) content of cement
BS EN 197-1 :2011	Cement Part 1: Composition, specifications and conformity criteria for common cements
BS EN 197-2 :2014	Cement Part 2: Conformity evaluation
BS EN 14216: 2015	Cement – Composition, specifications and conformity criteria for very low heat cement
BS EN 14647: 2005	Calcium aluminate cement. Composition, specifications and conformity criteria
BS EN 15743:2010+A1:2015	Supersulfated cement. Composition, specifications and conformity criteria

ADDITIONS STANDARDS

STANDARD	TITLE
BS EN 450-1:2012	Fly ash for concrete Part 1: Definition, specifications and conformity criteria
PD CEN/TR 16443:2013	Backgrounds to the revision of EN 450-1:2005+A1:2007. Fly ash for concrete
BS EN 450-2:2005	Fly ash for concrete Part 2: Conformity evaluation
PD CEN/TR 15840:2009	Evaluation of conformity of fly ash for concrete - Guidelines for the application of EN 450-2
BS EN 15167-1:2006	Ground granulated blast furnace slag for use in concrete, mortar and grout Part 1: Definitions, specifications and conformity criteria
BS EN 15167-2:2006	Ground granulated blast furnace slag for use in concrete, mortar and grout Part 2: Conformity evaluation
BS EN 13263-1:2005+A1:2009	Silica fume for concrete Part 1: Definitions, requirements and conformity criteria
BS EN 13263-2:2005+A1:2009	Silica fume for concrete Part 2: Conformity evaluation
BS 7979:2016	Specification for limestone fines for use with Portland cement

MIXING WATER STANDARD

STANDARD	TITLE
BS EN 1008:2002	Mixing water for concrete — Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete

AGGREGATE STANDARDS



STANDARD	TITLE
BS EN 12620: 2002+A1:2008	Aggregates for concrete
PD 6682-1: 2009+A1:2013	Aggregates Part 1: Aggregates for concrete - Guidance on the use of BS EN 12620
PD 6682-9:2003	Aggregates Part 9: Guidance on the use of European test method standards
BS EN 932-1 :1997	Tests for general properties of aggregates Part 1: Methods for sampling
BS EN 932-2 :1999	Tests for general properties of aggregates Part 2: Methods for reducing laboratory samples
BS EN 932-3 :1997	Tests for general properties of aggregates Part 3: Procedure and terminology for simplified petrographic description
BS EN 932-5 :2012	Tests for general properties of aggregates Part 5: Common equipment and calibration
BS EN 932-6 :1999	Tests for general properties of aggregates Part 6: Definitions of repeatability and reproducibility
BS EN 933-1 :2012	Tests for geometrical properties of aggregates Part 1: Determination of particle size distribution- Sieving method
BS EN 933-2 :1996	Tests for geometrical properties of aggregates Part 1: Determination of particle size distribution- Test sieves, nominal size of apertures
BS EN 933-3 :2012	Tests for geometrical properties of aggregates Part 3: Determination of particle shape - Flakiness index
BS EN 933-4 :2008	Tests for geometrical properties of aggregates Part 4: Determination of particle shape - Shape index
BS EN 933-5 :1998	Tests for geometrical properties of aggregates Part 5: Determination of percentage of crushed and broken surfaces in coarse aggregate particles
BS EN 933-6 :2014	Tests for geometrical properties of aggregates Part 6: Assessment of surface characteristics – Flow coefficient of aggregates
BS EN 933-7 :1998	Tests for geometrical properties of aggregates Part-7: Determination of shell content-Percentage of shells in coarse aggregates
BS EN 933-8: 2012+A1:2015	Tests for geometrical properties of aggregates Part 8: Assessment of fines - Sand equivalent test
BS EN 933-9: 2009+A1:2013	Tests for geometrical properties of aggregates Part 9: Assessment of fines - Methylene blue test

STANDARD	TITLE
BS EN 933-10 :2009	Tests for geometrical properties of aggregates Part 10: Assessment of fines - Grading of filler aggregates (air jet sieving)
BS EN 933-11 :2009	Tests for geometrical properties of aggregates Part 11: Classification test for constituents of coarse recycled aggregate
BS EN 1097-1 :2011	Tests for mechanical and physical properties of aggregates Part 1: Determination of the resistance to wear (micro-Deval)
BS EN 1097-2 :2010	Tests for mechanical and physical properties of aggregates Part 2: Methods for the determination of resistance to fragmentation
BS EN 1097-3 :1998	Tests for mechanical and physical properties of aggregates Part 3: Determination of loose bulk density and voids
BS EN 1097-4 :2008	Tests for mechanical and physical properties of aggregates Part 4: Determination of the voids of dry compacted filler
BS EN 1097-5 :2008	Tests for mechanical and physical properties of aggregates Part 5: Determination of the water content by drying in a ventilated oven
BS EN 1097-6 :2013	Tests for mechanical and physical properties of aggregates Part 6: Determination of particle density and water absorption
BS EN 1097-7 :2008	Tests for mechanical and physical properties of aggregates Part 7: Determination of the particle density of filler – Pycnometer method
BS EN 1097-8 :2009	Tests for mechanical and physical properties of aggregates Part 8: Determination of polished stone value
BS EN 1097-9 :2014	Tests for mechanical and physical properties of aggregates Part 9: Determination of the resistance to wear by abrasion from studded tyres -Nordic test
BS EN 1097-10 :2014	Tests for mechanical and physical properties of aggregates Part 10: Determination of water suction height
BS EN 1097-11 :2013	Tests for mechanical and physical properties of aggregates Part 11: Determination of compressibility and confined compressive strength of lightweight aggregate
BS EN 1367-1 :2007	Test for thermal and weathering properties of aggregates Part 1: Determination of resistance to freezing and thawing
BS EN 1367-2 :2009	Test for thermal and weathering properties of aggregates Part 2: Magnesium sulfate test
BS EN 1367-3 :2001	Test for thermal and weathering properties of aggregates Part 3: Boiling test for “Sonnenbrand” basalt
BS EN 1367-4 :2008	Test for thermal and weathering properties of aggregates Part 4: Determination of drying shrinkage
BS EN 1367-5 :2011	Test for thermal and weathering properties of aggregates Part 5: Determination of resistance to thermal shock
BS EN 1367-6 :2008	Test for thermal and weathering properties of aggregates Part 6: Determination of resistance to freezing and thawing in the presence of salt (Na Cl)
BS EN 1367-7 :2014	Test for thermal and weathering properties of aggregates Part 7: Determination of resistance to freezing and thawing of Lightweight aggregates
BS EN 1367-8 :2014	Test for thermal and weathering properties of aggregates Part 8: Determination of resistance to disintegration of Lightweight aggregates
BS EN 1744-1: 2009+A1:2012	Tests for chemical properties of aggregates Part 1: Chemical analysis
BS EN 1744-3 :2002	Tests for chemical properties of aggregates Part 3: Preparation of eluates by leaching of aggregates

STANDARD	TITLE
BS EN 1744-4 :2005	Tests for chemical properties of aggregates Part 4: Determination of susceptibility of fillers for bituminous mixtures
BS EN 1744-5 :2006	Tests for chemical properties of aggregates Part 5: Determination of acid soluble chloride salts
BS EN 1744-6 :2006	Tests for chemical properties of aggregates Part 6: Determination of the influence of recycled aggregate extract on the initial and final setting time of cement
BS EN 1744-7 :2012	Tests for chemical properties of aggregates Part 7: Determination of loss of ignition of Municipal Incinerator Bottom Ash Aggregate (MIBA Aggregate)
BS EN 1744-8 :2012	Tests for chemical properties of aggregates Part 8: Sorting test to determine metal content of Municipal Incinerator Bottom Ash Aggregate (MIBA Aggregate)
BS EN 13139 :2002	Aggregates for mortar
PD 6682-3:2003	Aggregates Part 3: Aggregates for mortar - Guidance on the use of BS EN 13139
BS EN 13043 :2002	Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked area
PD 6682-2:2009 +A1:2013	Aggregates Part 2: Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked area - Guidance on the use of BS EN 13043
BS EN 13242 :2002+A1:2007	Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction
PD 6682-6:2009 +A1:2013	Aggregates Part 6: Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction - Guidance on the use of BS EN 13242
BS EN 13055 :2016	Lightweight aggregates
PD 6682-4:2003	Aggregates Part 4: Lightweight aggregates for concrete, mortar and grout - Guidance on the use of BS EN 13055-1
BS EN 13383-1 :2002	Armourstone - Part 1: Specification
BS EN 13383-2 :2002	Armourstone - Part 2: Test methods
BS EN 13450 :2002	Aggregate for railway ballast
BS EN 13285 :2010	Unbound mixtures - Specifications

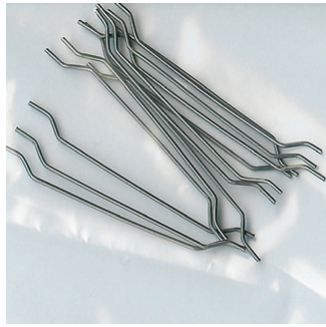
ADMIXTURE STANDARDS



STANDARD	TITLE
BS EN 934-1:2008	Admixtures for concrete, mortar and grout — Part 1: Common requirements
BS EN 934-2:2009+A1:2012	Admixtures for concrete, mortar and grout Part 2: Concrete admixtures - Definitions, requirements, conformity, marking and labelling
BS EN 934-3:2009+A1:2012	Admixtures for concrete, mortar and grout Part 3: Admixtures for masonry mortar - Definitions, requirements, conformity and marking and labelling
BS EN 934-4:2009	Admixtures for concrete, mortar and grout Part 4: Admixtures for grout for prestressing tendons - Definitions, requirements, conformity, marking and labelling
BS EN 934-5:2007	Admixtures for concrete, mortar and grout Part 5: Admixtures for sprayed concrete - Definitions, requirements, conformity, marking and labelling
BS EN 934-6:2001	Admixtures for concrete, mortar and grout Part 6: Sampling, conformity control and evaluation of conformity
BS EN 480-1:2006+A1:2011	Admixtures for concrete, mortar and grout - Test methods – Part 1: Reference concrete and reference mortar for testing
BS EN 480-2:2006	Admixtures for concrete, mortar and grout - Test methods - Part 2: Determination of setting time
BS EN 480-4:2005	Admixtures for concrete, mortar and grout - Test methods – Part 4: Determination of bleeding of concrete
BS EN 480-5:2005	Admixtures for concrete, mortar and grout - Test methods – Part 5: Determination of capillary absorption
BS EN 480-6:2005	Admixtures for concrete, mortar and grout - Test methods – Part 6: Infrared analysis
BS EN 480-8:2012	Admixtures for concrete, mortar and grout - Test methods Part 8: Determination of the conventional dry material content

STANDARD	TITLE
BS EN 480-10 :2009.	Admixtures for concrete, mortar and grout - Test methods Part 10: Determination of water soluble chloride content
BS EN 480-11 :2005	Admixtures for concrete, mortar and grout - Test methods – Part 11: Determination of air void characteristics in hardened concrete
BS EN 480-12 :2005	Admixtures for concrete, mortar and grout - Test methods – Part 12: Determination of the alkali content of admixtures
BS EN 480-13 :2015	Admixtures for concrete, mortar and grout - Test methods Part 13: Reference masonry mortar for testing mortar admixtures
BS EN 480-14 :2006	Admixtures for concrete, mortar and grout - Test methods – Part 14: Determination of the effect on corrosion susceptibility of reinforcing steel by potentiostatic electro-chemical test
BS EN 480-15 :2015	Admixtures for concrete, mortar and grout - Test methods Part 15: Reference concrete and method for testing viscosity modifying admixtures
BS 8443:2005	Specification for establishing the suitability of special purpose concrete admixtures
BS EN 12878 :2014	Pigments for the colouring of building materials based on cement and/or lime — Specifications and methods of test

FIBRE STANDARDS



STANDARD	TITLE
BS EN 14889-1:2006	Fibres for concrete – Part 1: Steel fibres - Definitions, specifications and conformity
BS EN 14889-2:2006	Fibres for concrete – Part 2: Polymer fibres - Definitions, specifications and conformity
BS EN 14721 :2005+A1:2007	Test method for metallic fibre concrete - Measuring the fibre content in fresh and hardened concrete
BS EN 14651 :2005+A1:2007	Test method for metallic fibre concrete - Measuring the flexural tensile strength (limit of proportionality (LOP), residual)
BS EN 14845-1 :2007	Test methods for fibres in concrete - Part 1: Reference concretes
BS EN 14845-2 :2006	Test methods for fibres in concrete - Part 2: Effect on concrete
BS EN 1170-1 :1998	Precast concrete products - Test method for glass fibre reinforcement cement Part 1. Measuring the consistency of the matrix 'Slump test' method.
BS EN 1170-2 :1998	Precast concrete products - Test method for glass fibre reinforcement cement Part 2. Measuring the fibre content in fresh GRC, 'Wash out test'
BS EN 1170-3 :1998	Precast concrete products - Test method for glass-fibre reinforcement cement Part 3. Measuring the fibre content of sprayed GRC
BS EN 1170-4 :1998	Precast concrete products - Test method for glass-fibre reinforcement cement Part 4. Measuring bending strength – 'Simplified bending test' method
BS EN 1170-5 :1998	Precast concrete products - Test method for glass-fibre reinforcement cement Part 5. Measuring bending strength – 'Complete bending test' method

STANDARD	TITLE
BS EN 1170-6 :1998	Precast concrete products - Test method for glass-fibre reinforcement cement Part 6. Determination of the absorption of water by immersion and determination of the dry density
BS EN 1170-7 :1998	Precast concrete products - Test method for glass-fibre reinforcement cement Part 7. Measurement of extremes of dimensional variations due to moisture content
BS EN 1170-8 :1998	Precast concrete products - Test method for glass-fibre reinforcement cement Part 8. Cyclic weathering type test

CONCRETE TESTING STANDARDS



STANDARD	TITLE
BS EN 12350-1 :2009	Testing fresh concrete Part 1: Sampling
BS EN 12350-2 :2009	Testing fresh concrete Part 2: Slump-test
BS EN 12350-3 :2009	Testing fresh concrete Part 3: Vebe test
BS EN 12350-4 :2009	Testing fresh concrete Part 4: Degree of compactability
BS EN 12350-5 :2009	Testing fresh concrete Part 5: Flow table test
BS EN 12350-6 :2009	Testing fresh concrete Part 6: Density
BS EN 12350-7 :2009	Testing fresh concrete Part 7: Air content – Pressure methods
BS EN 12350-8 :2010	Testing fresh concrete Part 8: Self-compacting concrete - Slump-flow test
BS EN 12350-9 :2010	Testing fresh concrete Part 9: Self-compacting concrete - V-funnel test
BS EN 12350-10 :2010	Testing fresh concrete Part 10: Self-compacting concrete - L box test
BS EN 12350-11 :2010	Testing fresh concrete Part 11: Self-compacting concrete - Sieve segregation test
BS EN 12350-12 :2010	Testing fresh concrete Part 12: Self-compacting concrete - J-ring test
BS EN 12390-1: 2012	Testing hardened concrete Part 1: Shape, dimensions and other requirements for specimens and moulds
BS EN 12390-2: 2009	Testing hardened concrete Part 2: Making and curing specimens for strength testing
BS EN 12390-3 :2009	Testing hardened concrete Part 3: Compressive strength of test specimens
BS EN 12390-4 :2000	Testing hardened concrete Part 4: Compressive strength - Specification for testing machines
BS EN 12390-5 :2009	Testing hardened concrete Part 5: Flexural strength of test specimens

STANDARD	TITLE
BS EN 12390-6 :2009	Testing hardened concrete Part 6: Tensile splitting strength of test specimens
BS EN 12390-7 :2009	Testing hardened concrete Part 7: Density of hardened concrete
BS EN 12390-8 :2009	Testing hardened concrete Part 8: Depth of penetration of water under pressure
PD CEN/TS 12390-9:2016	Testing hardened concrete Part 9: Freeze-thaw resistance with de-icing salts - Scaling
DD CEN/TS 12390-10:2007	Testing hardened concrete Part 10: Determination of the relative carbonation resistance of concrete
BS EN 12390-11 :2015	Testing hardened concrete Part 11: Determination of the chloride resistance of concrete, unidirectional diffusion
BS EN 12390-13 :2013	Testing hardened concrete Part 13: Determination of secant modulus of elasticity in compression
BS 1881-113 :2011	Testing concrete – Part 113: Method for making and curing no-fines test cubes
BS 1881-119 :2011	Testing concrete – Part 119: Method for determination of compressive strength using portions of beams broken in flexure (equivalent cube method)
BS 1881-121 :1983	Testing concrete – Part 121: Method for determination of static modulus of elasticity in compression
BS 1881-122 :2011	Testing concrete – Part 122: Method for determination of water absorption
BS 1881-124 :2015	Testing concrete – Part 124: Methods for analysis of hardened concrete
BS 1881-125 :2013	Testing concrete – Part 125: Methods for mixing and sampling fresh concrete in the laboratory
BS 1881-129 :2011	Testing concrete – Part 129: Method for determination of density of partially compacted semi-dry fresh concrete
BS 1881-130 :2013	Testing concrete – Part 130: Method for temperature-matched curing of concrete specimens
BS 1881-131 :1998	Testing concrete Part 131. Methods for testing cement in a reference concrete
BS 1881-204 :1988	Testing concrete – Part 204: Recommendations on the use of electromagnetic covermeters
BS 1881-206 :1986	Testing concrete – Part 206: Recommendations for determination of strain in concrete
BS 1881-207 :1992	Testing concrete – Part 207: Recommendations for the assessment of concrete strength by near-to-surface tests
BS 1881-208 :1996	Testing concrete – Part 208: Recommendations for the determination of the initial surface absorption of concrete
BS 1881-209 :1990	Testing concrete – Part 209: Recommendations for the measurement of dynamic modulus of elasticity
BS 1881-210 :2013	Testing concrete – Part 210: Determination of the potential carbonation resistance of concrete – Accelerated carbonation method
BS 1881-211 :2016	Testing concrete – Part 211: Procedure and terminology for the petrographic examination of hardened concrete

STANDARD	TITLE
BS EN 13791 :2007	Assessment of in-situ compressive strength in structures and precast concrete components
BS 6089:2010	Assessment of in-situ compressive strength in structures and precast concrete components – Complementary guidance to that given in BS EN 13791
BS EN 12504-1 :2009	Testing concrete in structures Part 1: Cored specimens — Taking, examining and testing in compression
BS EN 12504-2 :2012	Testing concrete in structures Part 2: Non-destructive testing — Determination of rebound number
BS EN 12504-3 :2005	Testing concrete in structures - Part 3: Determination of pull-out force
BS EN 12504-4 :2004	Testing concrete in structures - Part 4: Determination of ultrasonic pulse velocity

CONCRETE REPAIR

STANDARD	TITLE
BS EN 1504-1 :2005	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity – Part 1: Definitions
BS EN 1504-2 :2004	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity – Part 2: Surface protection systems for concrete
BS EN 1504-3 :2005	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity – Part 3: Structural and non-structural repair
BS EN 1504-4 :2004	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity – Part 4: Structural bonding
BS EN 1504-5 :2013	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity Part 5: Concrete injection
BS EN 1504-6 :2006	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity – Part 6: Anchoring of reinforcing steel bar
BS EN 1504-7 :2006	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity – Part 7: Reinforcement corrosion protection
BS EN 1504-8 :2016	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and AVCP Part 8: Quality control and Assessment and verification of the constancy of performance (AVCP)
BS EN 1504-9 :2008	Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity – Part 9: General principles for use of products and systems
BS EN 1504-10 :2003	Products and systems for the protection and repair of concrete structures – Definitions, Requirements, Quality control and evaluation of conformity – Part 10: Site application of products and systems and quality control of the works

PRECAST CONCRETE STANDARD



STANDARD	TITLE
BS EN 13369 :2013	Common rules for precast concrete products
Standards for types of concrete and other blocks used for masonry:	
EN 771-1: 2011+A1:2015	Specification for masonry units - Part 1: Clay masonry units
EN 771-2: 2011+A1:2015	Specification for masonry units - Part 2: Calcium silicate masonry units
EN 771-3: 2011+A1:2015	Specification for masonry units - Part 3: Aggregate concrete masonry units (Dense and lightweight aggregates)
EN 771-4: 2011+A1:2015	Specification for masonry units - Part 4: Autoclaved aerated concrete masonry units
EN 771-5: 2011+A1:2015	Specification for masonry units - Part 5: Manufactured stone masonry units
EN 771-6: 2011+A1:2015	Specification for masonry units - Part 6: Natural stone masonry units
BS EN 15435 :2008	Precast concrete products — Normal weight and lightweight concrete shuttering blocks — Product properties and performance
BS EN 15498 :2008	Precast concrete products — Wood-chip concrete shuttering blocks — Product properties and performance
Standards for structural precast concrete products:	
BS EN 12794: 2005 +A1:2007	Precast concrete products - Foundation piles
BS EN 12839: 2012	Precast concrete products - Elements for fences
EN 12843: 2004	Precast concrete products - Masts and poles
BS EN 13225 :2013	Precast concrete products - Linear structural elements
BS EN 13693 :2004+A1:2009	Precast concrete products – Special roof elements
BS EN 13978-1 :2005	Precast concrete products — Precast concrete garages — Part 1: Requirements for reinforced garages monolithic or consisting of single sections with room dimensions

STANDARD	TITLE
BS EN 14843: 2007	Precast concrete products –Stairs
BS EN 14844 :2006+A2:2011	Precast concrete products - Box culverts
BS EN 14991: 2007	Precast concrete products - Foundation elements
BS EN 14992: 2007+A1:2012	Precast concrete products - Wall elements
BS EN 15050: 2007+A1:2012	Precast concrete products - Bridge elements
BS EN 15258: 2008	Precast concrete products - Retaining wall elements
Standards for non-structural precast concrete products:	
BS EN 13198 :2003	Precast concrete products –Street furniture and garden products
Standards for specification of concrete pipes:	
BS EN 1916:2002	Concrete pipes and fittings, unreinforced, steel fibre and reinforced
BS 5911-1: 2002 +A2:2010	Concrete pipes and ancillary concrete products – Part 1: Specification for unreinforced and reinforced concrete pipes (including jacking pipes) and fittings with flexible joints (complementary to BS EN 1916:2002)
BS EN 1917: 2002	Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced
BS 5911-3: 2010+A1:2014	Concrete pipes and ancillary concrete products Part 3: Specification for unreinforced and reinforced concrete manholes and soakaways (complementary to BS EN 1917:2002)
BS 5911-4: 2002+A2:2010	Concrete pipes and ancillary concrete products – Part 4: Specification for unreinforced and reinforced concrete inspection chambers (complementary to BS EN 1917:2002)
BS 5911-5: 2004+A1:2010	Concrete pipes and ancillary concrete products – Part 5: Specification for prestressed non-pressure pipes and fittings with flexible joints
BS 5911-6: 2004+A1:2010	Concrete pipes and ancillary concrete products – Part 6: Specification for gullies and gully cover slabs
Standard for concrete roof tiles:	
BS EN 490: 2011+A1:2017	Concrete roofing tiles and fittings for roof covering and wall cladding - Product specifications
Standards for manufacturing of paving:	
BS EN 1338: 2003	Concrete paving blocks - Requirements and test methods
BS EN 1339: 2003	Concrete paving flags - Requirements and test methods
BS EN 1340: 2003	Concrete kerb units - Requirements and test methods

STANDARD	TITLE
Standards for manufacturing flooring products:	
BS EN 1168: 2005+A3: 2011	Precast concrete products - Hollow core slabs
BS EN 13224: 2011	Precast concrete products - Ribbed floor elements
BS EN 13747 :2005+A2:2010	Precast concrete products – Floor plates for floor systems
BS EN 13748-1 :2004	Terrazzo tiles – Part 1: Terrazzo tiles for internal use
BS EN 13748-2 :2004	Terrazzo tiles – Part 2: Terrazzo tiles for external use
EN 15037-1: 2008	Precast concrete products – Beam-and-block floor systems - Part 1: Beams
EN 15037-2: 2009+A1:2011	Precast concrete products – Beam-and-block floor systems - Part 2: Concrete blocks
EN 15037-3: 2009+A1: 2011	Precast concrete products – Beam-and-block floor systems - Part 3: Clay blocks
EN 15037-4: 2010+A1: 2013	Precast concrete products – Beam-and-block floor systems - Part 4: Expanded polystyrene blocks
BS EN 15037-5: 2013	Precast concrete products – Beam-and-block floor systems - Part 5: Lightweight blocks for simple formwork
EN 12737: 2004 +A1:2007	Precast concrete products - Floor slats for livestock
BS EN 15435: 2008	Precast concrete products - Normal weight and lightweight concrete shuttering blocks - Product properties and performance

SPRAYED CONCRETE

STANDARD	TITLE
BS EN 14487-1:2005	Sprayed concrete. Definitions, specifications and conform
BS EN 14487-2:2006	Sprayed concrete. Execution
BS EN 14488-1:2005	Testing sprayed concrete. Sampling fresh and hardened concrete
BS EN 14488-2:2006	Testing sprayed concrete. Compressive strength of young sprayed concrete
BS EN 14488-3:2006	Testing sprayed concrete. Flexural strengths (first peak, ultimate and residual) of fibre reinforced beam specimens
BS EN 14488-4:2005+A1:2008	Testing sprayed concrete. Bond strength of cores by direct tension
BS EN 14488-5:2006	Testing sprayed concrete. Determination of energy absorption capacity of fibre reinforced slab specimens
BS EN 14488-6:2006	Testing sprayed concrete. Thickness of concrete on a substrate
BS EN 14488-7:2006	Testing sprayed concrete. Fibre content of fibre reinforced concrete

GROUTING

STANDARD	TITLE
BS EN 445: 2007	Grout for prestressing tendons. Test methods
BS EN 446:2007	Grout for prestressing tendons. Grouting procedures
BS EN 447:2007	Grout for prestressing tendons. Basic requirements

CONCRETE PAVEMENTS

STANDARD	TITLE
BS EN 13877-1:2013	Concrete pavements. Materials
BS EN 13877-2:2013	Concrete pavements. Functional requirements for concrete pavements

PAS

STANDARD	TITLE
PAS 8820: 2016	Construction Materials – Alkali-activated cementitious material and concrete – specification