

List of products of harmonised standards

Code 26: PRODUCTS RELATED TO CONCRETE, MORTAR AND GROUT

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 197-1	Cement — Part 1: Composition, specifications and conformity criteria for common cements	27 distinct common cements, 7 sulfate resisting common cements as well as 3 distinct low early strength blast furnace cements and 2 sulfate resisting low early strength blast furnace cements and their constituents.	27 distinct common cements, 7 sulfate resisting common cements as well as 3 distinct low early strength blast furnace cements and 2 sulfate resisting low early strength blast furnace cements	Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products	1+	M/114 en M/128
EN 413-1	Masonry cement — Part 1: Composition, specifications and conformity criteria	Masonry cements as commonly used in Europe for the production of mortar for bricklaying and blocklaying and for rendering and plastering.	Masonry cements	Preparation of mortar for bricklaying and blocklaying and for rendering and plastering	1+	M/114
EN 450-1	Fly ash for concrete — Part 1: Definition, specifications and conformity criteria	This standard specifies requirements for the chemical and physical properties as well as quality control procedures for siliceous fly ash for use as a type II addition for production of concrete conforming to EN 206-1.	Additions (type II)	For concrete, mortar and grout	1+	M/128
EN 934-2	Admixtures for concrete, mortar and grout — Part 2: Concrete admixtures — Definitions, requirements, conformity, marking and labelling	This standard specifies definitions and requirements for admixtures for use in concrete. It covers admixtures for plain, reinforced and prestressed concrete which are used in site mixed, ready mixed concrete and precast concrete. The performance requirements in this standard apply to admixtures used in concrete of normal consistence. They may not be applicable to admixtures intended for other types of concrete such as semi-dry and earth moist mixes.	Admixtures	For concrete	2+	M/128
EN 934-3	Admixtures for concrete, mortar and grout — Part 3: Admixtures for masonry mortar — Definitions, requirements, conformity and marking and labelling	This standard defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. It covers two types of admixtures, long term retarding and air entraining/plasticising which are used in ready-mixed and site made masonry mortars.	Admixtures	For masonry mortar	2+	M/128
EN 934-4	Admixtures for concrete, mortar and grout — Part 4: Admixtures for grout for prestressing tendons — Definitions, requirements, conformity, marking and labelling	This standard defines and specifies requirements and conformity criteria for admixtures for the use in grouts for prestressing tendons according to EN 447. It covers admixtures for use in site mixed grout only.	Admixtures	For grout	2+	M/128
EN 934-5	Admixtures for concrete, mortar and grout — Part 5: Admixtures for sprayed concrete — Definitions, requirements, conformity, marking and labelling	This standard defines and specifies requirements and conformity for admixtures specifically intended for use in sprayed concrete.	Admixtures	For sprayed concrete	2+	M/128

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EN 1504-2	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	This standard specifies requirements for the identification, performance (including durability aspects), safety and evaluation of conformity of products and systems to be used for surface protection of concrete, to increase the durability of concrete and reinforced concrete structures, as well as for new concrete and for maintenance and repair work.	Concrete protection and repair products	For uses with low performance requirements in buildings and civil engineering works	4	M/128
				For uses in buildings and civil engineering works	2+	
				For uses subject to reaction to fire regulations	1, 3, 4	
EN 1504-3	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	This standard specifies requirements for the identification, performance (including durability) and safety of products and systems to be used for the structural and non-structural repair of concrete structures.	Concrete protection and repair products	For uses with low performance requirements in buildings and civil engineering works	4	M/128
				For uses in buildings and civil engineering works	2+	
				For uses subject to reaction to fire regulations	1, 3, 4	
EN 1504-4	Products and systems for the protection and repair of concrete structures — Definitions, requirements, quality control and evaluation of conformity — Part 4: Structural bonding	This standard specifies requirements for the identification, performance (including durability) and safety of structural bonding products and systems to be used for the structural bonding of strengthening materials to an existing concrete structure, including: - the bonding of external plates of steel or other suitable materials (e.g. fibre reinforced composites) to the surface of a concrete structure for strengthening purposes, including the laminating of plates in such applications; - the bonding of hardened concrete to hardened concrete, typically associated with the use of precast units in repair and strengthening; - the casting of fresh concrete to hardened concrete using an adhesive bonded joint where it forms a part of the structure and is required to act compositely.	Concrete protection and repair products	For uses with low performance requirements in buildings and civil engineering works	4	M/128
				For uses in buildings and civil engineering works	2+	
				For uses subject to reaction to fire regulations	1, 3, 4	
	Products and systems for the protection and repair of concrete structures	This standard specifies requirements and conformity criteria for the identification, performance (including durability aspects) and safety of injection products for the repair and protection of concrete structures, used for:	Concrete protection and repair	For uses with low performance requirements in buildings and civil engineering works	4	

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Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 1504-5	— Definitions, requirements, quality control and evaluation of conformity — Part 5: Concrete injection	- force transmitting filling of cracks, voids and interstices in concrete; - ductile filling of cracks, voids and interstices in concrete; - swelling fitted filling of cracks, voids and interstices in concrete.	Concrete protection and repair products	For other uses in buildings and civil engineering works	2+	M/128
EN 1504-6	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	This standard specifies requirements for the identification, performance (including durability) and safety of products and systems to be used for the anchoring of reinforcing steel (rebar) as used for structural strengthening to ensure the continuity of reinforced concrete structures.	Concrete protection and repair products	For uses with low performance requirements in buildings and civil engineering works	4	M/128
				For uses in buildings and civil engineering works	2+	
				For uses subject to reaction to fire regulations	1, 3, 4	
EN 1504-7	Products and systems for the protection and repair of concrete structures — Definitions, requirements, quality control and evaluation of conformity — Part 7: Reinforcement corrosion protection	This standard specifies requirements for the identification and the performance (including durability aspects) of products and systems for active and barrier coatings for protection of existing uncoated steel reinforcement and embedded steel in concrete structures under repair.	Concrete protection and repair products	For uses with low performance requirements in buildings and civil engineering works	4	M/128
				For other uses in buildings and civil engineering works	2+	
EN 12620	Aggregates for concrete	Aggregates and filler aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these aggregates for use in concrete.	Aggregates for concrete, mortar and grout	In buildings, roads and other civil engineering works	2+, 4	M/125
			Fillers for concrete mortar and grout	In buildings, the manufacturing of precast concrete products, for roads and other civil engineering works		
EN 12878	Pigments for the colouring of building materials based on cement and/or lime — Specifications and methods of test	This Standard specifies the requirements and the methods of test for pigments for use in the colouring of building materials based on cement and cement/lime combinations. Pigments for this purpose may be single pigments, blends of pigments, or blends of pigments and extenders, in powder or granular form, or aqueous preparations.	Additions (type I)	For concrete, mortar and grout	2+	M/128

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Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 13055-1	Lightweight aggregates — Part 1: Lightweight aggregates for concrete, mortar and grout	Lightweight aggregates and lightweight filler aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these aggregates for use in concrete, mortar and grout in buildings, roads and civil engineering works.	Lightweight aggregates for concrete, mortar and grout	In buildings, roads and other civil engineering works	2+, 4	M/125
EN 13139	Aggregates for mortar	Aggregates and filler aggregates obtained by processing natural, manufactured or recycled materials and mixtures of these aggregates for use in mortar.	Aggregates for mortar	In buildings, roads and other civil engineering works	2+, 4	M/125
EN 13263-1	Silica fume for concrete — Part 1: Definitions, requirements and conformity criteria	This standard applies to the silica fume which is a by-product of the smelting process used to produce silicon metal and ferro-silicon alloys.	Silica fume	Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products	1+	M/128
EN 13282-1	Hydraulic road binders — Part 1: Rapid hardening hydraulic road binders — Composition, specifications and conformity criteria	Rapid hardening hydraulic road binders, produced in a factory and supplied ready for treatment of materials for bases, sub-bases and capping layers as well as earthworks, in road, railway, airport and other types of infrastructures.	Rapid hardening hydraulic road binders	Treatment of materials for bases, sub-bases and capping layers as well as earthworks, in road, railway, airport and other types of infrastructures	2+	M/114
EN 14216	Cement — Composition, specifications and conformity criteria for very low heat special cements	Very low heat special cement products and their constituents.	Low heat cements, sulfate resisting cement, white cement, sea water resisting cement, low alkali cement	Preparation of concrete for massive structures	1+	M/114
EN 14647	Calcium aluminate cement — Composition, specifications and conformity criteria	Calcium aluminate cement.	Calcium aluminate cement	Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products	1+	M/114
EN 14889-1	Fibres for concrete — Part 1: Steel fibres — Definitions, specifications and conformity	This standard specifies requirements for steel fibres for structural or non-structural use in concrete, mortar and grout.	Steel fibres	For structural uses in concrete mortar or grout	1	M/128
				For other uses in concrete mortar or grout	3	
EN 14889-2	Fibres for concrete — Part 2: Polymer fibres — Definitions, specifications and conformity	This standard specifies requirements for polymer fibres for structural or non-structural use in concrete, mortar and grout.	Polymer fibres	For structural uses in concrete mortar or grout	1	M/128
				For other uses in concrete mortar or grout	3	

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EN 15167-1	Ground granulated blast furnace slag for use in concrete, mortar and grout — Part 1: Definitions, specifications and conformity criteria	This standard specifies requirements for the chemical and physical properties as well as quality control procedures for ground granulated blast furnace slag for use as a type II addition in the production of concrete, including in particular cast-in-situ or prefabricated structural concrete conforming to EN 206-1.	Additions (type II)	For concrete, mortar and grout	1+	M/128
EN 15743	Supersulfated cement — Composition, specifications and conformity criteria	Supersulfated cement and its constituents.	Supersulfated cement	Preparation of concrete, mortar, grout, etc..	1+	M/114