

List of products of harmonised standards

Code 17: MASONRY AND RELATED PRODUCTS, MASONRY UNITS, MORTARS, ANCILLARIES

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 459-1	Building lime — Part 1: Definitions, specifications and conformity criteria	Building lime used for: preparation of binder for mortar , production of other construction products, for civil engineering applications.	Different building lime products	Preparation of binder for mortar , production of other construction products , for civil engineering applications	2+	M/114
EN 771-1	Specification for masonry units — Part 1: Clay masonry units	This Standard specifies the characteristics and performance requirements for masonry units manufactured from clay for which the main intended uses are protected or unprotected masonry structure. This standard includes those clay masonry units of an overall non-rectangular parallelepiped shape.	Masonry units	Walls, columns and partitions	2+, 4	M/116
EN 771-2	Specification for masonry units — Part 2: Calcium silicate masonry units	This Standard specifies the characteristics and performance requirements of calcium silicate masonry units for which the main intended uses are inner walls, outer walls, cellars, foundations and external chimney masonry. This standard includes those calcium silicate masonry units of an overall non-rectangular parallelepiped shape.	Calcium silicate masonry units	Walls, columns and partitions	2+, 4	M/116
EN 771-3	Specification for masonry units — Part 3: Aggregate concrete masonry units (Dense and lightweight aggregates)	This Standard specifies the characteristics and performance requirements of aggregate concrete masonry units made from dense and lightweight aggregates or a combination of both for which the main intended uses are common, facing or exposed masonry in load bearing or non-load bearing building and civil engineering applications. This standard includes aggregate concrete masonry units of an overall non-rectangular parallelepiped shape, specially shaped and accessory units.	Aggregate concrete masonry units	Walls, columns and partitions	2+, 4	M/116

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EN 771-4	Specification for masonry units — Part 4: Autoclaved aerated concrete masonry units	This Standard specifies the characteristics and performance requirements of autoclaved aerated concrete (AAC) masonry units for which the main intended uses are different types of load bearing or non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining, basement and general use below ground level.	Autoclaved aerated concrete masonry units	Walls, columns and partitions	2+, 4	M/116
EN 771-5	Specification for masonry units — Part 5: Manufactured stone masonry units	This Standard specifies the characteristics and performance requirements of manufactured stone masonry units for which the main intended uses are facing or exposed masonry in load bearing or non-load bearing building and civil engineering applications.	Manufactured stone masonry units	Walls, columns and partitions	2+, 4	M/116
EN 771-6	Specification for masonry units — Part 6: Natural stone masonry units	This Standard specifies the characteristics and performance requirements of masonry units manufactured from natural stone the width of which is equal to or greater than 80mm, for which the main intended uses are common, facing or exposed masonry in load bearing or non-load bearing building and civil engineering applications. This standard includes natural stone masonry units of an overall non-rectangular parallelepiped shape, specially shaped and accessory units for internal and external application.	Natural stone masonry units	Walls, columns and partitions	2+, 4	M/116
EN 845-1	Specification for ancillary components for masonry — Part 1: Wall ties, tension straps, hangers and brackets	This Standard specifies requirements for wall ties, tension straps, hangers and brackets for interconnecting masonry and for connecting masonry to other parts of works and buildings including walls, floors, beams and columns.	Wall ties, tension straps, hangers and brackets	For interconnecting masonry and for connecting masonry to other parts of works	3	M/116
EN 845-2	Specification for ancillary components for masonry — Part 2: Lintels	This Standard specifies requirements for prefabricated lintels for maximum spans of 4,5 m and made from steel, autoclaved aerated concrete, manufactured stone, concrete, fired clay units, calcium silicate units, natural stone units or a combination of these materials.	Lintels	In walls and partitions	3	M/116
EN 845-3	Specification for ancillary components for masonry — Part 3: Bed joint reinforcement of steel meshwork	This Standard specifies requirements for masonry bed joint reinforcement for structural use and for non-structural use.	Reinforcement	Bed joint	3	M/116

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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
EN 998-1	Specification for mortar for masonry — Part 1: Rendering and plastering mortar	This standard is applicable to factory-made rendering/plastering mortars based on inorganic binders for external and internal use on walls, ceilings, columns and partitions	Plastering mortar	For plastering	4	M/116
EN 998-2	Specification for mortar for masonry — Part 2: Masonry mortar	This standard specifies requirements for factory-made masonry mortars (bedding, jointing and pointing) for use in masonry walls, columns and partitions.	Factory-made mortar	For plastering	2+, 4	M/116
EN 12859	Gypsum blocks — Definitions, requirements and test methods	Gypsum blocks with smooth faces for which the main intended uses are construction of non-load bearing partitions or independent wall linings and the fire protection of columns, lift shafts, shafts for services, etc. Gypsum blocks are not used to build ceilings.	Gypsum blocks	Walls and partitions as relevant, intended for fire protection of structural elements and/or fire compartmentation in buildings	3	M/106
				Walls and partitions as relevant, for situations and uses not mentioned above	4	
EN 12860	Gypsum based adhesives for gypsum blocks — Definitions, requirements and test methods	Gypsum based adhesives used for assembling gypsum blocks or other gypsum units.	Adhesives for gypsum blocks	Assembling gypsum blocks or other gypsum units (walls and partitions)	3,4	M/106

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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 13055-2	Lightweight aggregates — Part 2: Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications	Lightweight aggregates and fillers derived thereof obtained by processing natural, manufactured or recycled materials and mixtures of these aggregates for bituminous mixtures and surface treatments and for unbound and hydraulically bound applications other than concrete, mortar and grout.	Lightweight aggregate for bituminous mixtures and surface treatments; Lightweight aggregate for bound and unbound mixtures; Lightweight aggregate filler for bituminous mixtures and surface treatments.	For 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 15368	Hydraulic binder for non-structural applications — Definition, specifications and conformity criteria	Hydraulic binder for non-structural applications in construction used as binder for preparation of mortar for masonry, rendering and plastering and other non structural construction products.	Hydraulic binder for non-structural applications	Preparation of mortar for masonry, rendering and plastering and other non structural construction products.	2+	M/114 en M/116
EN 15824	Specifications for external renders and internal plasters based on organic binders	This standard is applicable to factory-made renders and plasters based on organic binders used for external and internal covering on walls, columns, partitions and ceilings. The products are manufactured in paste form, ready to use, or in powder form. This standard is also applicable to renders and plasters with inorganic binders such as silicates, silanes, siloxanes and silicones.	Factory-made mortar based on organic binders	For plastering	1, 3, 4	M/116