

**List of products of harmonised standards**

**Code 01: PRECAST NORMAL/LIGHTWEIGHT/AUTOCLAVED AERATED CONCRETE PRODUCTS**

<b>Standard</b>	<b>Name</b>	<b>Application</b>	<b>Product-type</b>	<b>Intended use</b>	<b>System of attestation</b>	<b>Mandate</b>
EN 1168	Precast concrete products — Hollow core slabs	This standard deals with the requirements and the basic performance criteria and specifies minimum values where appropriate for precast hollow core slabs made of prestressed or reinforced normal weight concrete according to EN 1992-1-1:2004. Hollow core elements are used in floors, roofs, walls and similar applications.	Hollow core slabs for floors	Structural	2+	M/100
EN 1520	Prefabricated reinforced components of lightweight aggregate concrete with open structure with structural or non-structural reinforcement	This standard is for prefabricated components of lightweight aggregate concrete (LAC) with open structure and with structural or non-structural reinforcement intended to be used in building construction for structural elements and for non-structural elements.	Loadbearing wall components (WLS, WLH, WLM); Retaining wall components (WRS); Roof components as slabs (RLS, RLH, RLM); Floor components (FLS, FLH, FLM); Linear components (BLS, PLS).	For structural use	2+	M/100
			Non-loadbearing wall components (WNS, WNH, WNM); Cladding components (CNS); Box culvert components (BNH).	For non-structural or light structural use	4	
EN 12602	Prefabricated reinforced components of autoclaved aerated concrete	This standard is for prefabricated reinforced components of autoclaved aerated concrete to be used in building construction for structural elements and for non-structural elements.	Loadbearing wall components (WL); Retaining wall components (WR); Roof components (RF); Floor components (RF); Linear components (BL, PL).	For structural use	2+	M/100
			Non-loadbearing wall components (WN) ; Cladding components (CN) ; Box culvert components (BN) ; Sound barrier components (SB).	For non-structural use	4	
EN 12737	Precast concrete products — Floor slats for livestock	This standard specifies the requirements for reinforced and prestressed precast concrete floor slats used in slatted floors for the housing of livestock and provides for the evaluation of conformity of these products.  This standard does not cover slats for loadings other than stock and stockmen.	Floor slats for livestock	Structural	2+	M/100
EN 12794	Precast concrete products — Foundation piles	This standard applies to precast concrete foundation piles, factory produced for building and civil engineering works and installed at the site by the use of impact, vibration, pressing or other suitable techniques.	Foundation piles	Structural	2+	M/100
EN 12839	Precast concrete products — Elements for fences	This standard deals with precast products in reinforced or pre-stressed concrete with or without fibres, to be used together or in combination with other elements to erect fences.	Boundary fences	For non-structural or light structural use	2+	M/100

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EN 12843	Precast concrete products — Masts and poles	This standard specifies requirements for precast concrete masts and poles, reinforced and/or prestressed as structural elements; they may be hollow or solid and may receive or include additional components (e.g. cross-arms, platforms etc.), inserts and connectors.	Masts and poles	Structural	4	M/100
EN 13224	Precast concrete products — Ribbed floor elements	This standard applies to precast ribbed elements made of reinforced or prestressed normal weight concrete, used in floors or roofs.	Precast ribbed floor elements	Structural	2+	M/100
EN 13225	Precast concrete products — Linear structural elements	This Standard applies to precast linear elements (such as columns, beams and frame elements) made of reinforced or prestressed normal or lightweight concrete, used for the construction of the structures of buildings and other civil engineering works, except bridges.	Linear structural elements	Structural	2+	M/100
EN 13693	Precast concrete products — Special roof elements	This Standard applies to special precast roof elements made of reinforced or prestressed normal weight concrete, used for the construction of buildings, with or without separating function with respect to fire resistance.	Roof elements	Structural	2+	M/100
EN 13747	Precast concrete products — Floor plates for floor systems	This Standard applies to precast floor plates made of reinforced or prestressed normal weight concrete, used in conjunction with cast-in-situ concrete (topping) for the construction of composite floor slabs.	Floor plates for floor systems	Structural	2+	M/100
EN 13978-1	Precast concrete products — Precast concrete garages — Part 1: Requirements for reinforced garages monolithic or consisting of single sections with room dimensions	This standard applies to precast reinforced concrete garages produced as monolithic units or as kits of single sections with room dimensions in stationary factories.	Precast concrete garages and supplementary units	Structural	2+	M/100
EN 14843	Precast concrete products — Stairs	This Standard deals with precast concrete monolithic stairs, and for precast concrete elements (e.g. individual steps) used to make reinforced and/or prestressed concrete stairs.	Stairs	Structural	2+	M/100
EN 14844	Precast concrete products — Box culverts	This standard deals with both large (structural) and small (non-structural or light structural) box culverts of rectangular cross-section formed monolithically and designed as continuous elements with a joint detail shaped to allow the possible incorporation of sealing materials.	Large box culverts	Structural	2+	M/100
			Small box culverts	Non-structural or light structural	4	
EN 14991	Precast concrete products — Foundation elements	This Standard deals with precast foundation elements (comprising columns with integrated foundation elements, pocket foundation elements, sockets) made of reinforced normal weight concrete for structure of buildings.	Foundation elements	Structural	2+	M/100
EN 14992	Precast concrete products — Wall elements	This standard applies to prefabricated walls, made of normal weight or lightweight concrete with dense structure.	Loadbearing wall elements	Structural	2+	M/100
			Non loadbearing wall elements	Non structural or lightly structural	4	

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EN 15037-1	Precast concrete products — Beam-and-block floor systems — Part 1: Beams	This Standard deals with precast beams made of reinforced or prestressed normal weight concrete, with or without clay shell, used in conjunction with blocks, with or without cast in-situ concrete for the construction of beam-and-block floor and roof systems.	Beams for beam-and-block floor systems	Structural	2+	M/100
EN 15037-2	Precast concrete products — Beam-and-block floor systems — Part 2: Concrete blocks	This standard deals with blocks made in normal or lightweight aggregate concrete, used in conjunction with precast concrete beams, with or without cast-in-situ concrete for the construction of beam-and-block floor and roof systems.	Concrete blocks for beam-and-block floor systems	Structural	2+	M/100
EN 15037-3	Precast concrete products — Beam-and-block floor systems — Part 3: Clay blocks	This standard deals with blocks made in clay, used in conjunction with precast concrete beams, with or without cast-insitu concrete for the construction of beam-and-block floor and roof systems.	Clay blocks for beam-and-block floor systems	Structural	2+	M/100
EN 15037-4	Precast concrete products — Beam-and-block floor systems — Part 4: Expanded polystyrene blocks	This standard deals with blocks made in expanded polystyrene (EPS), used in conjunction with precast concrete beams, with or without cast-in-situ concrete for the construction of beam-and-block floor systems.	EPS blocks for beam-and-block floor systems	Structural	2+	M/100
			Beam/block floor units and elements incorporating organic materials	For uses subject to regulations on reaction to fire	1, 3, 4	
EN 15037-5	Precast concrete products — Beam-and-block floor systems — Part 5: Lightweight blocks for simple formwork	This standard deals with lightweight blocks used as formwork during the construction of the floor system, used in conjunction with precast concrete beams, with or without cast-in-situ concrete for the construction of beam-and-block floor systems.	Precast normal/lightweight/autoclaved aerated concrete products	Structural	2+	M/100
			Beam/block floor units and elements incorporating organic materials	For uses subject to regulations on reaction to fire	1, 3, 4	
EN 15050	Precast concrete products — Bridge elements	This standard applies to precast concrete structural elements produced in a factory and used in bridge construction, such as deck elements.	Precast concrete bridge elements	Structural	2+	M/100
EN 15258	Precast concrete products — Retaining wall elements	This standard deals with precast elements made of plain, reinforced or prestressed normal weight concrete, used for the construction of retaining walls.	Retaining wall elements	Structural	2+	M/100
EN 15435	Precast concrete products — Normal weight and lightweight concrete shuttering blocks — Product properties and performance	This standard applies to factory made, non-loadbearing hollow concrete shuttering blocks made from normal weight or lightweight aggregates or a combination of both. Shuttering blocks may include vertical or horizontal interlocking features and factory installed supplementary insulation.	Non-load bearing hollow concrete shuttering blocks	Shuttering blocks intended to be laid dry, or with mortar, and then filled with concrete or mortar for the production of external walls and partitions	4	M/100
EN 15498	Precast concrete products — Wood-chip concrete shuttering blocks — Product properties and performance	This standard applies to factory made, non-load-bearing hollow wood-chip concrete shuttering blocks, which may include factory installed thermal insulation.	Non-load-bearing hollow wood-chip concrete shuttering blocks	Non-load bearing and load bearing external and internal walls and partitions	4	M/100