

EN 15498:2008 (E)

Annex ZA
(informative)

Relationship between this European Standard and the Essential Requirements of EU Directive Constructions products

ZA.1 Scope and relevant characteristics

This European Standard has been prepared under mandate M/139 "Precast concrete products", which is an extension of the mandate M/100, given to CEN by the European Commission and the European Free Trade Association.

The clauses of this European Standard shown in this annex comply with the requirements of the mandate given pursuant under the EU Construction Products Directive (89/106/EEC).

Compliance with these clauses confers a presumption of fitness of the wood-chip concrete shuttering blocks covered by this European Standard for the intended use; reference shall be made to the information accompanying the CE marking.

WARNING — Other requirements and other EU Directives, not affecting suitability for the intended use, can be applicable to the wood-chip concrete shuttering blocks falling within the scope of this European Standard.

NOTE 1 In addition to any specific clauses relating to dangerous substances contained in this Standard, there may be other requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the EU Construction Products Directive, these requirements need also to be complied with, when and where they apply.

NOTE 2 An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (accessed through <http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm>)

This annex establishes the conditions for the CE marking of wood-chip concrete shuttering blocks intended for the uses indicated in Table ZA.1 and shows the relevant clauses applicable.

This annex has the same scope as Clause 1 of this Standard and is defined by Table ZA.1

Table ZA.1 — Relevant clauses

Product : Wood-chip concrete shuttering blocks			
Intended use : Shuttering blocks to be dry-stacked without mortar and filled with concrete to construct external walls, internal walls and partitions			
Essential characteristics	Requirement clauses in this Standard	Levels and/or class(es)	Notes
Detailing	4.2.1.1 and 4.2.1.2	None	Declared values in mm and mm ²
Drying shrinkage	4.2.3 – Moisture movement	None	Declared shrinkage and expansion
Reaction to fire	4.2.4	Reaction to fire class B	Declared reaction to fire class B
Water vapour permeability	4.2.5	None	Declared value
Mechanical strength			
Tensile strength of webs	4.2.6.2	None	Declared value in N/mm ²
Flexural strength of shells	4.2.6.3	None	Declared value in N/mm ²
Tensile strength of shells perpendicular to faces	4.2.6.4	None	0,15 N/mm ²
Acoustic properties	4.2.7.2	None	Declared value
Thermal resistance	4.2.8.2	None	Declared values in W/(m.K)
Durability	4.2.9	None	Loss of mass : maximum value 10 % in kg

The requirement on a certain characteristic is not applicable in those Member States (MSs) where there are no regulatory requirements on that characteristic for the intended use of the product. In this case, manufacturers placing their products on the market of these Member States are not obliged to determine nor declare the performance of their products with regard to this characteristic and the option "No performance determined" (NPD) in the information accompanying the CE marking (see Table ZA.3) may be used. The NPD option may not be used, however, where the characteristic is subject to a threshold level.

ZA.2 Procedure(s) for attestation of conformity of wood-chip concrete shuttering blocks

ZA.2.1 System(s) of attestation of conformity

The system(s) of attestation of conformity of the wood-chip concrete shuttering blocks, included in Table ZA.2 for the essential characteristics indicated in Table ZA.1, in accordance with the Decision of the Commission 1999/94/EC of 1999-01-25 as given in Annex III of the mandate M/100 for "Precast concrete products", is described in Table ZA.2 for the intended use(s) and relevant level(s) or class(es):

Table ZA.2 — System(s) of attestation of conformity

Product(s)	Intended use(s)	Level(s) and/or class(es)	Attestation of conformity system(s)
Non-load-bearing hollow wood-chip concrete shuttering blocks	Non-load bearing and load bearing external and internal walls and partitions	-	4 (a)
(a) System 4: see Directive 89/196 (CPD) Annex III-2 (ii), third possibility.			