

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-ZE-18345-01-00
according to DIN EN ISO/IEC 17065:2013

Period of validity: 15.06.2018 to 14.06.2023 Date of issue: 15.06.2018

Holder of certificate:

**Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen University
Institut für Bauforschung (ibac), Lehrstuhl für Baustoffkunde
Schinkelstraße 3, 52062 Aachen**

Certifications of products, processes and services in the fields:

Certification of construction products (systems of assessment and verification of constancy of performance 1 and 1+) and factory production control (system 2+) within the scope of the Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

Abbreviations used: see last page

Certification of construction products (systems of assessment and verification of constancy of performance 1 and 1+) and factory production control (system 2+) within the scope of the Regulation (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products (Construction Products Regulation)

Decision / resolution of the Commission	System ¹⁾	Technical Specification
1997/555/EC Cements, building limes and other hydraulic binders	1+	EN 197-1:2011 Cement - Part 1: Composition, specifications and conformity criteria for common cements
		EN 413-1:2011 Masonry cement - Part 1: Composition, specifications and conformity criteria
		EN 14216:2015 Cement - Composition, specifications and conformity criteria for very low heat special cements
		EN 15743:2010+A1:2015 Supersulfated cement - Composition, specifications and conformity criteria
	2+	EN 459-1:2010 Building lime - Part 1: Definitions, specifications and conformity criteria
1997/740/EC Masonry and related products	2+	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 998-2:2016 Specification for mortar for masonry - Part 2: Masonry mortar

¹⁾ System of assessment and verification of constancy of performance

Decision / resolution of the Commission	System ¹⁾	Technical Specification
<p>1998/598/EC 2002/592/EC Aggregates for uses with high safety requirements</p>	<p>2+</p>	<p>EN 12620:2002+A1:2008 Aggregates for concrete</p>
		<p>EN 13055-1:2002+AC:2004 Lightweight aggregates - Part 1: Lightweight aggregates for concrete, mortar and grout</p>
		<p>EN 13055-2:2004 Lightweight aggregates - Part 2: Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications</p>
		<p>EN 13139:2002+AC:2004 Aggregates for mortar</p>
<p>1999/94/EC Precast normal/ lightweight and autoclaved aerated concrete</p>	<p>2+</p>	<p>EN 12737:2004+A1:2007 Precast concrete products - Floor slats for livestock</p>
		<p>EN 13224:2011 Precast concrete products - Ribbed floor elements</p>
		<p>EN 13225:2013 Precast concrete products - Linear structural elements</p>
		<p>EN 13747:2005+A2:2010 Precast concrete products - Floor plates for floor systems</p>
		<p>EN 14843:2007 Precast concrete products - Stairs</p>
		<p>EN 14844:2006+A2:2011 Precast concrete products - Box culverts</p>
		<p>EN 14991:2007 Precast concrete products - Foundation elements</p>
		<p>EN 14992:2007+A1:2012 Precast concrete products - Wall elements</p>
		<p>EN 15037-1:2008 Precast concrete products - Beam-and-block floor systems - Part 1: Beams</p>
		<p>EN 15037-2:2009+A1:2011 Precast concrete products - Beam-and-block floor systems - Part 2: Concrete blocks</p>
		<p>EN 15050:2007+A1:2012 Precast concrete products - Bridge elements</p>
		<p>EN 15258:2008 Precast concrete products - Retaining wall elements</p>

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Decision / resolution of the Commission	System ¹⁾	Technical Specification
<p>1999/469/EC Products related to concrete, mortar and grout</p>	<p>1+</p>	<p>EN 450-1:2012 Fly ash for concrete - Part 1: Definition, specifications and conformity criteria</p>
		<p>EN 13263-1:2005+A1:2009 Silica fume for concrete - Part 1: Definitions, requirements and conformity criteria</p>
		<p>EN 15167-1:2006 Ground granulated blast furnace slag for use in concrete, mortar and grout - Part 1: Definitions, specifications and conformity criteria</p>
		<p>ETA-10/0374 Organic concrete additive Mowilith - LDM 6880</p>
	<p>1</p>	<p>EN 14889-1:2006 Fibres for concrete - Part 1: Steel fibres - Definitions, specifications and conformity</p>
		<p>EN 14889-2:2006 Fibres for concrete - Part 2: Polymer fibres - Definitions, specifications and conformity</p>
<p>1999/469/EC Products related to concrete, mortar and grout</p>	<p>2+</p>	<p>EN 934-2:2009+A1:2012 Admixtures for concrete, mortar and grout - Part 2: Concrete admixtures - Definitions, requirements, conformity, marking and labelling</p>
		<p>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</p>
		<p>EN 934-4:2009 Admixtures for concrete, mortar and grout - Part 4: Admixtures for grout for prestressing tendons - Definitions, requirements, conformity, marking and labelling</p>
		<p>EN 12878:2005+AC:2006 Pigments for the colouring of building materials based on cement and/or lime - Specifications and methods of test</p>

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The requirements for a certification body for products and for a certification body for factory production control according to Annex V of the Construction Products Regulation are fulfilled according to article 43 of the Construction Products Regulation. Required tasks which the holder of the certificate cannot perform are described in the list of subcontractors.

Without prior approval by the DAkkS German Accreditation Body, the certification body is permitted to use new revisions of product standards in certification schemes.

Abbreviations used:

EG European Community
EN European Standard