

DIN EN 14216:2015-09 (E)

Cement - Composition, specifications and conformity criteria for very low heat special cements

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Very low heat special cement	6
5	Constituents	6
6	Composition and notation	6
7	Mechanical, physical, heat of hydration, chemical and durability requirements	8
7.1	Mechanical requirements - Standard strength	8
7.2	Physical requirements	8
7.2.1	Initial setting time	8
7.2.2	Soundness	8
7.2.3	Heat of hydration	8
7.3	Chemical requirements	8
7.4	Durability requirements	9
7.5	Dangerous substances	9
8	Standard designation	9
9	Conformity criteria	10
9.1	General requirements	10
9.2	Conformity criteria for mechanical, physical and chemical properties and evaluation procedure	11
9.2.1	General	11
9.2.2	Statistical conformity criteria	12
9.2.3	Single result conformity criteria	14
9.3	Conformity criteria for cement composition	15
9.4	Conformity criteria for properties of the cement constituents	15
Annex ZA (informative) Clauses of this European Standard addressing the provisions of EU Construction Products Regulation		16
ZA.1 Scope and relevant characteristics		16
ZA.2 Procedure for AVCP of very low heat special cements		18
ZA.2.1 System of AVCP		18
ZA.2.2 Declaration of performance (DoP)		19
ZA.2.2.1 General		19

ZA.2.2.2 Content	20
ZA.2.2.3 Example of DoP	20
ZA.3 CE marking and labelling	22
Bibliography	24