

DIN EN 13454-2:2007-11 (E)

Binders, composite binders and factory made mixtures for floor screeds based on calcium sulfate - Part 2: Test methods (includes Amendment A1:2007)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Test conditions and sampling	4
3.1	General requirements for testing	4
3.1.1	Water	4
3.1.2	Apparatus	4
3.2	Sampling for binders (CAB, CAC)	5
3.3	Sampling for factory made mixtures (CA)	5
4	Test methods for binders (CAB ; CAC)	5
4.1	Content of calcium sulfate	5
4.1.1	Principle	5
4.1.2	Apparatus	5
4.1.3	Reagents	6
4.1.4	Procedure	6
4.2	Determination of pH	7
4.3	Determination of setting time	7
4.3.1	Principle	7
4.3.2	Apparatus	7
4.3.3	Standard consistence test	7
4.3.4	Procedure	7
4.3.5	Setting time test	8
4.4	Determination of strengths	9
4.4.1	Apparatus	9
4.4.2	Procedure	11
4.4.3	Water demand for flow table value	12
4.4.4	Preparation of test specimens	12
4.4.5	Testing the specimens	13
4.5	Determination of shrinkage and swelling	14
4.5.1	Principle	14
4.5.2	Apparatus	15
4.5.3	Preparation and storage of the specimens	16
4.5.4	Measuring of the specimens	16
5	Test method for factory made mixtures (CA)	17
5.1	Determination of pH value	17
5.2	Working time	17
5.2.1	Flowing mixture	17
5.2.2	Stiff mixture	18
5.3	Determination of strength	18
5.3.1	Composition of the test sample	18
5.3.2	Flexural and compressive strength	18
5.4	Determination of shrinkage and swelling	18
6	Test report	18
Bibliography		20

