

**Täitematerjalide soojuslike omaduste ja
ilmastikukindluse katsetamine. Osa 2:
Magneesiumsulfaadi katse**

Tests for thermal and weathering properties of
aggregates - Part 2: Magnesium sulfate test

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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| <p>Käesolev Eesti standard EVS-EN 1367-2:2000 sisaldab Euroopa standardi EN 1367-2:1998 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 12.10.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 18.03.1998.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p> | <p>This Estonian standard EVS-EN 1367-2:2000 consists of the English text of the European standard EN 1367-2:1998.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 12.10.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 18.03.1998.</p> <p>The standard is available from Estonian standardisation organisation.</p> |
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Võtmesõnad: ained, kalduvus halvenemisele, kindlaksmääramine, kristalliseerumine, magneesiumsulfaat, soojuslikud omadused, sukeldamistestid, testimine, tsüklilised testid

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Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
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Descriptors: Aggregates, testing, thermal properties.

English version

Tests for thermal and weathering properties of aggregates

Part 2: Magnesium sulfate test

Essais pour déterminer les propriétés thermiques et l'altérabilité des granulats – Partie 2: Essai au sulfate de magnésium

Prüfverfahren für thermische Eigenschaften und Verwitterungsbeständigkeit von Gesteinskörnungen – Teil 2: Magnesiumsulfat-Verfahren

This European Standard was approved by CEN on 1998-02-19.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 154 "Aggregates", the secretariat of which is held by BSI.

Testing in accordance with this standard is intended to provide information to assist in judging the performance of aggregates subject to weathering action. It is not intended that testing to this standard should be necessary where there is adequate information available from service records of the materials in use.

This European Standard is one of a series of tests for thermal and weathering properties of aggregates as listed below.

- prEN 1367-1 Tests for thermal and weathering properties of aggregates
Part 1: Determination of resistance to freezing and thawing
- prEN 1367-3 Tests for thermal and weathering properties of aggregates
Part 3: Boiling test for "Sonnenbrenner basalt" and disintegration of steel slag
- EN 1367-4 Tests for thermal and weathering properties of aggregates
Part 4: Determination of drying shrinkage
- prEN 1367-5 Tests for thermal and weathering properties of aggregates
Part 5: Determination of resistance to thermal shock

Test methods for other properties of aggregates will be covered by Parts of the following European Standards:

- EN 932 Tests for general properties of aggregates
- EN 933 Tests for geometrical properties of aggregates
- EN 1097 Tests for mechanical and physical properties of aggregates
- EN 1744 Tests for chemical properties of aggregates

A European Standard "Tests filler aggregate used in bituminous bound fillers" is in course of preparation.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 1998, and conflicting national standards shall be withdrawn at the latest by December 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies a method for assessing how an aggregate behaves when subjected to the cyclic action of immersion in magnesium sulfate, followed by oven drying.

NOTE: The majority of aggregates can be tested for performance using this method. Precision has been established for the rock types listed in annex A. The test may not be suitable for all rock types and reservations have been expressed elsewhere in respect of some carbonate aggregates and some aggregates having a high proportion of magnesium bearing minerals or of cryptocrystalline quartz.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

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| EN 932-1 | Tests for general properties of aggregates Part 1: Methods for sampling |
| prEN 932-2 | Tests for general properties of aggregates Part 2: Methods for reducing laboratory samples |
| EN 932-3 | Test for general properties of aggregates Part 3: Procedure and terminology for simplified petrographic description |
| prEN 932-5 | Tests for general properties of aggregates Part 5: Common equipment and calibration |
| EN 933-2 | Tests for geometrical properties of aggregates Part 2: Determination of particle size distribution - Test sieves, nominal size of apertures |

3 Definitions

For the purposes of this standard, the following definitions apply:

3.1 laboratory sample: A sample derived from a bulk sample for laboratory testing.

3.2 test specimen: The sample used in a single determination when a test method requires more than one determination of a property.

3.3 test portion: The sample used as a whole in a single test.