

**Methods of test for hydraulic setting
floor smoothing and/or levelling
compounds - Determination of setting
time**

Methods of test for hydraulic setting floor smoothing
and/or levelling compounds - Determination of
setting timer

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13409:2002 sisaldab Euroopa standardi EN 13409:2002 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 06.08.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13409:2002 consists of the English text of the European standard EN 13409:2002.</p> <p>This document is endorsed on 06.08.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies the measurement of setting time of a hydraulic setting smoothing and/or levelling compound which is referred to as "smoothing and/or levelling compound", after mixing.</p>	<p>Scope: This European Standard specifies the measurement of setting time of a hydraulic setting smoothing and/or levelling compound which is referred to as "smoothing and/or levelling compound", after mixing.</p>
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ICS 91.100.99

Võtmesõnad: coatings, definitions, determination, fillers, floor coatings, floors, ground, levelling layer, materials testing, safety, sampling, sampling methods, setting time, testing, testing conditions, testing devices

ICS 91.100.99

English version

Methods of test for hydraulic setting floor smoothing and/or levelling compounds - Determination of setting time

Méthodes d'essai pour les mortiers de lissage et/ou d'égalisation à prise hydraulique - Détermination du temps de prise

Prüfverfahren für hydraulisch erhärtende Boden-Spachtelmassen - Bestimmung der Abbindezeit

This European Standard was approved by CEN on 30 December 2001.

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 Management Centre or to any CEN member.

This European Standard exists 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 Management Centre has the same status as the official versions.

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



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Foreword

This document EN 13409:2002 has been prepared by Technical Committee CEN/TC 193 "Adhesives", the secretariat of which is held by AENOR.

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 2002, and conflicting national standards shall be withdrawn at the latest by September 2002.

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies the measurement of setting time of a hydraulic setting smoothing and/or levelling compound which is referred to as "smoothing and/or levelling compound", after mixing.

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 (including amendments).

EN 196-3, *Methods of testing cement - Part 3: Determination of setting time and soundness.*

EN 1937, *Test method for hydraulic setting floor smoothing and/or levelling compounds - Standard mixing procedures.*

ISO 554, *Standard atmospheres for conditioning and/or testing - Specifications.*

3 Terms and definitions

For the purposes of this European Standard, the following term and definition and those given in EN 1937 apply.

3.1

setting

process of transition from plastic to solid state characterised by the initial and final penetration times

4 Principle

The setting time is determined by observing the penetration of a needle into the smoothing and/or levelling compound mixture and recording the time for a given penetration value.

5 Safety

Persons using this standard shall be familiar with normal laboratory practice.

This standard does not purport to address all the safety problems, if any, associated with its use.

It is the responsibility of the user to establish safety and health practices and to ensure compliance with any European or national regulatory conditions.

6 Standard test conditions

The standard test conditions shall be (23 ± 2) °C and (50 ± 5) % relative humidity in accordance with ISO 554.

All test materials and apparatus shall be stored under these conditions for the duration of the test.

The tests shall be carried out in an area where the air circulation is less than 0,2 m/s.