



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN ISO 18393-1:2023

Thermal insulation products - Determination of settlement - Part 1: Loose-fill insulation for ventilated attics simulating humidity and

Wärmedämmprodukte - Bestimmung der
Alterung durch Setzung - Teil 1:
Eingeblasene lose Wärmedämmstoffe für
belüftete Dachgeschosse, zyklische

Produits isolants thermiques -
Détermination du tassement - Partie 1:
Isolant en vrac pour combles ventilés
après simulation de cycles de

12/2023



National Foreword

This European Standard EN ISO 18393-1:2023 was adopted as Luxembourgish Standard ILNAS-EN ISO 18393-1:2023.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

<https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html>

THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

ILNAS-EN ISO 18393-1:2023

EUROPEAN STANDARD **EN ISO 18393-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2023

ICS 91.120.10

English Version

**Thermal insulation products - Determination of settlement
- Part 1: Loose-fill insulation for ventilated attics
simulating humidity and temperature cycling (ISO 18393-
1:2023)**

Produits isolants thermiques - Détermination du tassement - Partie 1: Isolant en vrac pour combles ventilés, cyclage en température et humidité (ISO 18393-1:2023)

Wärmedämmprodukte - Bestimmung der Alterung durch Setzung - Teil 1: Eingeblassene lose Wärmedämmstoffe für belüftete Dachgeschosse, zyklische Luftfeuchte- und Temperaturbeanspruchungen (ISO 18393-1:2023)

This European Standard was approved by CEN on 18 November 2023.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

ILNAS-EN ISO 18393-1:2023 - Preview only Copy via ILNAS e-Shop

European foreword

This document (EN ISO 18393-1:2023) has been prepared by Technical Committee ISO/TC 163 "Thermal performance and energy use in the built environment" in collaboration with Technical Committee CEN/TC 88 "Thermal insulating materials and products" the secretariat of which is held by DIN.

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 June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 18393-1:2023 has been approved by CEN as EN ISO 18393-1:2023 without any modification.