

SLOVENSKI STANDARD oSIST prEN ISO 11431:2024

01-december-2024

Tesnilne mase za stavbe in gradbene inženirske objekte - Ugotavljanje adhezijskih/kohezijskih lastnosti tesnilnih mas po izpostavljenosti vročini, vodi in umetni svetlobi skozi steklo (ISO/DIS 11431:2024)

Building and civil engineering sealants - Determination of adhesion/cohesion properties of sealants after exposure to heat, water and artificial light through glass (ISO/DIS 11431:2024)

Fugendichtstoffe für Hoch- und Tiefbau - Bestimmung des Haft- und Dehnverhaltens von Dichtstoffen nach Einwirkung von Wärme, Wasser und künstlichem Licht durch Glas (ISO/DIS 11431:2024)

Mastics pour le bâtiment et le génie civil - Détermination des propriétés d'adhésivité/cohésion des mastics après exposition à la chaleur, à l'eau et à la lumière artificielle à travers le verre (ISO/DIS 11431:2024)

Ta slovenski standard je istoveten z: prEN ISO 11431

ICS:

91.100.50 Veziva. Tesnilni materiali Binders. Sealing materials

oSIST prEN ISO 11431:2024 en,fr,de

iTeh Standards (https://standards.iteh.ai) Document Preview

oSIST prEN ISO 11431:2024

https://standards.iteh.ai/catalog/standards/sist/a726c5ef-ca6e-458a-979f-302f10ccb12d/osist-pren-iso-11431-2024



DRAFT International Standard

Building and civil engineering sealants — Determination of adhesion/cohesion properties of sealants after exposure to heat, water and artificial light through glass

Mastics pour le bâtiment et le génie civil — Détermination des propriétés d'adhésivité/cohésion des mastics après exposition à la chaleur, à l'eau et à la lumière artificielle à travers le verre

ICS: 91.100.50 iteh.ai/catalog/standards/sist/a726c5ef-ca6e-458a-9

ISO/DIS 11431

ISO/TC **59**/SC **8**

Secretariat: SAC

Voting begins on: **2024-10-22**

Voting terminates on: **2025-01-14**

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENTS AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

ISO/DIS 11431:2024(en)

iTeh Standards (https://standards.iteh.ai) Document Preview

oSIST prEN ISO 11431:2024

https://standards.iteh.ai/catalog/standards/sist/a726c5ef-ca6e-458a-979f-302f10ccb12d/osist-pren-iso-11431-2024



COPYRIGHT PROTECTED DOCUMENT

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

ISO/DIS 11431:2024(en)

Contents Foreword		Page
		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Apparatus 5.1 Glass supports 5.2 Spacers 5.3 Anti-adherent substrate 5.4 Ventilated convection-type oven 5.5 Container 5.6 Test chamber with an artificial light source 5.7 Artificial light source with suitable filters 5.8 Black standard thermometer 5.9 Extension machine 5.10 Spacers 5.11 Measuring device	
6	Preparation of specimens	4
7	Conditioning 7.1 General 7.2 Method A 7.3 Method B	4 4 4
8	Test procedures (https://standards.iteh.al) 8.1 General 8.2 Exposure conditions (https://standards.iteh.al) 8.2.1 General 8.2.2 Automatic cycling 8.2.3 Manual cycling	4 5 5 5
	8.3 Elongation of the specimens 3726c5ef-ca6e-458a-979f-302f10ccb12d/osist-pren-isc)-11431-502
9	Test report	6

ISO/DIS 11431:2024(en)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 59, *Buildings and civil engineering works*, Subcommittee SC 8, *Sealants*.

This third edition cancels and replaces the second edition (ISO 11431:2002), which has been technically revised.

The main changes are as follows:

- the title has been revised from *Building construction Jointing products Determination of adhesion/cohesion properties of sealants after exposure to heat, water and artificial light through glass;*
- updating of normative references;
- add a normative reference ISO 4892-2 in 5.6;
- revision of <u>5.7</u>;
- revision of the subclause of referenced document and addition of the requirement of preferred maxima surface temperature in <u>5.8</u>;
- revision of the tolerance for relative humidity in 7.2 and 8.3.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.