



SLOVENSKI STANDARD SIST EN ISO 12543-2:2022

01-julij-2022

Nadomešča:

SIST EN ISO 12543-2:2012

**Steklo v gradbeništvu - Lepljeno steklo in lepljeno varnostno steklo - 2. del:
Lepljeno varnostno steklo (ISO 12543-2:2022)**

Glass in building - Laminated glass and laminated safety glass - Part 2: Laminated safety glass (ISO 12543-2:2022)

Glas im Bauwesen - Verbundglas und Verbund-Sicherheitsglas - Teil 2: Verbund-Sicherheitsglas (ISO 12543-2:2022)

Verre dans la construction - Verre feuilleté et verre feuilleté de sécurité - Partie 2: Verre feuilleté de sécurité (ISO 12543-2:2022)

Ta slovenski standard je istoveten z: EN ISO 12543-2:2021

ICS:

81.040.20

Steklo v gradbeništvu

Glass in building

SIST EN ISO 12543-2:2022

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 12543-2

December 2021

ICS 81.040.20

Supersedes EN ISO 12543-2:2011

English Version

Glass in building - Laminated glass and laminated safety glass - Part 2: Laminated safety glass (ISO 12543-2:2021)

Verre dans la construction - Verre feuilleté et verre feuilleté de sécurité - Partie 2: Verre feuilleté de sécurité (ISO 12543-2:2021)

Glas im Bauwesen - Verbundglas und Verbund-Sicherheitsglas - Teil 2: Verbund-Sicherheitsglas (ISO 12543-2:2021)

This European Standard was approved by CEN on 25 October 2021.

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, Turkey and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/7e13a4ad-7fc3-46e9-b3db-81d24ff8d1aa/sist-en-iso-12543-2-2022>



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
------------------------	---

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 12543-2:2022

<https://standards.iteh.ai/catalog/standards/sist/7e13a4ad-7fc3-46c9-b3db-81d24ff8d1aa/sist-en-iso-12543-2-2022>

European foreword

This document (EN ISO 12543-2:2021) has been prepared by Technical Committee ISO/TC 160 "Glass in building" in collaboration with Technical Committee CEN/TC 129 "Glass in building" the secretariat of which is held by NBN.

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 2022, and conflicting national standards shall be withdrawn at the latest by June 2022.

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.

This document supersedes EN ISO 12543-2:2011.

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, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 12543-2:2021 has been approved by CEN as EN ISO 12543-2:2021 without any modification.

INTERNATIONAL STANDARD

ISO
12543-2

Third edition
2021-12

Glass in building — Laminated glass and laminated safety glass —

Part 2: Laminated safety glass

*Verre dans la construction — Verre feuilleté et verre feuilleté de
sécurité —*

Partie 2: Verre feuilleté de sécurité

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 12543-2:2022

<https://standards.iteh.ai/catalog/standards/sist/7e13a4ad-7fc3-46c9-b3db-81d24ff8d1aa/sist-en-iso-12543-2-2022>



Reference number
ISO 12543-2:2021(E)

© ISO 2021

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 12543-2:2022

<https://standards.iteh.ai/catalog/standards/sist/7e13a4ad-7fc3-46c9-b3db-81d24ff8d1aa/sist-en-iso-12543-2-2022>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

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

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Impact resistance	1
5 Durability of laminated safety glass	2
5.1 High-temperature tests.....	2
5.1.1 General.....	2
5.1.2 Short high temperature test.....	2
5.1.3 Long high temperature test.....	2
5.2 Humidity test.....	2
5.3 Radiation test.....	3
6 Durability of fire-resistant laminated safety glass	3
6.1 General.....	3
6.2 Humidity test for glass not normally exposed to direct solar radiation.....	3
6.3 Tests for glass normally exposed to direct solar radiation.....	3
6.3.1 Humidity test.....	3
6.3.2 Radiation test.....	4
7 Component parts	4
8 Dimensions and edge finishing	4
9 Acoustic properties test	4
10 Appearance	4
11 Designation	4
Bibliography	5

ISO 12543-2:2021(E)

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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 160, *Glass in building*, Subcommittee SC 1, *Product considerations*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 129, *Glass in building*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 12543-2:2011), which has been technically revised.

The main changes compared to the previous edition are as follows:

- editorial changes have been made;
- definitions have been moved to ISO 12543-1;
- the clause on high temperature tests has been revised.

A list of all parts in the ISO 12543 series can be found on the ISO website.

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.