



SLOVENSKI STANDARD
SIST EN ISO 20567-4:2024

01-april-2024

**Barve in laki - Določanje odpornosti premazov proti udarcem kamenja - 4. del:
Mobilni preskus z več udarci na majhni preskusni površini (ISO 20567-4:2023)**

Paints and varnishes - Determination of stone-chip resistance of coatings - Part 4:
Mobile multi-impact testing on a small testing area (ISO 20567-4:2023)

Beschichtungsstoffe - Prüfung der Steinschlagfestigkeit von Beschichtungen - Teil 4:
Mobile Multischlagprüfung auf einer kleinen Prüffläche (ISO 20567-4:2023)

Peintures et vernis - Détermination de la résistance des revêtements aux impacts de
cailloux - Partie 4: Essais de chocs multiples par projection sur une petite surface d'essai
(ISO 20567-4:2023)

Ta slovenski standard je istoveten z: EN ISO 20567-4:2024

<https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>

ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 20567-4:2024

en,fr,de

EUROPEAN STANDARD

EN ISO 20567-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2024

ICS 87.040

English Version

Paints and varnishes - Determination of stone-chip
resistance of coatings - Part 4: Mobile multi-impact testing
on a small testing area (ISO 20567-4:2023)

Peintures et vernis - Détermination de la résistance des
revêtements aux impacts de cailloux - Partie 4: Essais
de chocs multiples par projection sur une petite
surface d'essai (ISO 20567-4:2023)

Beschichtungsstoffe - Prüfung der Steinschlagfestigkeit
von Beschichtungen - Teil 4: Mobile
Multischlagprüfung auf einer kleinen Prüffläche (ISO
20567-4:2023)

This European Standard was approved by CEN on 15 January 2024.

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.

<https://standards.iteh.ai>

<https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>



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

[SIST EN ISO 20567-4:2024](https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024)

<https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>

European foreword

The text of ISO 20567-4:2023 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 20567-4:2024 by Technical Committee CEN/TC 139 "Paints and varnishes" 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 July 2024, and conflicting national standards shall be withdrawn at the latest by July 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. 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 20567-4:2023 has been approved by CEN as EN ISO 20567-4:2024 without any modification.

[SIST EN ISO 20567-4:2024](https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024)

<https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>

INTERNATIONAL
STANDARD

ISO
20567-4

First edition
2023-03

**Paints and varnishes — Determination
of stone-chip resistance of coatings —**

Part 4:
**Mobile multi-impact testing on a small
testing area**

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

[SIST EN ISO 20567-4:2024](https://standards.itih.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024)

<https://standards.itih.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>



Reference number
ISO 20567-4:2023(E)

© ISO 2023

ISO 20567-4:2023(E)

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

[SIST EN ISO 20567-4:2024](https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024)

<https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2023

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
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Principle.....	1
5 Apparatus and test equipment.....	2
5.1 Stone-chip resistance tester.....	2
5.2 Consumables.....	5
5.2.1 Chilled-iron grit.....	5
6 Apparatus functional test.....	6
7 Procedure.....	6
8 Evaluation.....	7
9 Test report.....	8
Annex A (normative) Pictorial reference standards for evaluating stone-chip resistance.....	9
Annex B (informative) Examples of suitable methods for removing loose coating.....	10
Bibliography.....	11

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

[SIST EN ISO 20567-4:2024](https://standards.itih.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024)

<https://standards.itih.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>

ISO 20567-4:2023(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 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

A list of all parts in the ISO 20567 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.

<https://standards.iteh.ai/catalog/standards/sist/ab72a473-6714-46dc-a950-fa54ebc03772/sist-en-iso-20567-4-2024>