ISO/FDIS-24342:2023(E)

ISO-<u>/</u>TC-<u>219</u><del>/WG2</del>

Secretariat:- NBN

Date: 2024-01-17

Resilient and textile floor-coverings—Determination of side length, edge straightness and squareness of tiles and planks

Revêtements de sol résilients <del>ougt</del> textiles-\_— Détermination de la longueur des bords, de la rectitude des arêtes et de l'équerrage des dalles <u>et des lames</u>

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

FDIS stage of Preview

ISO/FDIS 24342

https://standards.iteh.ai/catalog/standards/iso/7fff8428-1e14-4ha2-990a-ch41f62h0fd2/iso-fdis-24342

Edited DIS - MUST BE USED FOR FINAL DRAFT

### ISO/FDIS-24342:<del>2023(E</del>2024(en)

### © ISO <del>2023</del> 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 EmailE\_mail: copyright@iso.org Website: www.iso.orgwww.iso.org

Published in Switzerland

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

**ISO/FDIS 24342** 

https://standards.iteh.ai/catalog/standards/iso/7fff8428-1e14-4ba2-990a-cb41f62b0fd2/iso-fdis-24342

© ISO 2024 - All rights reserved

ii Edited DIS - MUST BE USED FOR FINAL DRAFT

### $ISO/FDIS\_24342: \underline{2023(E2024(en))}$

### Contents

Forew	70rd	V	
1	Scope	1	
2	Normative references	1	
3	Terms and definitions	1	
4	Principle	2	
5	Apparatus	2	
5.1	Reference plate	3	
5.2	Rigid metal or glass plate	3	
5.3	Flat bedplate apparatus	3	
5.4	Dial gauge, calliper gauge and/or thickness gauges	5	
5.5	Movable dial gauges apparatus	5	
6	Sampling and selection of specimens	6	
7	Atmosphere for conditioning and testing	6	
7.1	Resilient floor coverings		
7.2	Textile floor coverings	6	
8	Procedure		
8.1	General General	7	
8.2	Side length	7	
8.2.1	Gauge method	7	
8.2.2	Movable dial gauge method		
8.2.3	Sliding calliper method		
8.3	Edge straightness ISO/FDIS 24342		
8.3.1	Thickness gauge method		
8.3.2	Movable dial gauge method	8	
8.4	Squareness	8	
8.4.1	Thickness gauge method	8	
8.4.2	Movable dial gauge method	9	
9	Calculation and expression of the results	9	
9.1	For flat bedplate apparatus (5.3) and thickness gauge (5.4)	9	
9.1.1	Side length	9	
9.1.2	Edge Straightness	9	
9.1.3	Squareness	9	
9.2	For the movable dial gauge apparatus	9	
9.2.1	Tiles	9	
9.2.2	Plank	9	
9.3	For the sliding calliper apparatus	9	
10	Test report	9	

© ISO 2023 2024 – All rights reserved

### ISO/FDIS-24342:<del>2023(E2024(en</del>)

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

ISO/FDIS 24342

https://standards.iteh.ai/catalog/standards/iso//fff8428-1e14-4ba2-990a-cb41f62b0fd2/iso-fdis-24342

© ISO 2024 - All rights reserved

iv\_\_\_\_\_@ISO 2023\_All rights reserve Edited DIS - MUST BE USED FOR FINAL DRAFT

#### ISO/FDIS-24342:2023(E2024(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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="https://www.iso.org/directives">www.iso.org/directives</a>).

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 <code>fhad/</code> had not <code>f</code> 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 <a href="https://www.iso.org/patents">www.iso.org/patents</a>. 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 <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by Technical Committee ISO/TC 219, *Floor coverings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 134, *Resilient and textile floor coverings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 24342:2018), which has been technically revised.

The main changes are as follows:

- procedures have been modified to allow for differences between planks and tiles. <a href="https://lems.clauses.14.4">ltems.clauses</a> 3, 4, 4, 8 and 9 have therefore been updated.
- uncertainty of measurement of the records has been changed to 0,01-mm instead of 0,02-mm.

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 <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.

Field Code Changed

© ISO-2023 2024 – All rights reserved

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

ISO/FDIS 24342

https://standards.iteh.ai/catalog/standards/iso/7fff8428-1e14-4ba2-990a-cb41f62b0fd2/iso-fdis-24342