INTERNATIONAL STANDARD

ISO 24338

Third edition 2022-03

Laminate floor coverings — Determination of abrasion resistance

Revêtements de sol stratifiés — Détermination de la résistance à l'abrasion



ISO 24338:2022(E)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

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	
Fore	Forewordiv			
1	Scop	oe	1	
2	Nori	mative references	1	
3		ns and definitions		
4	Apparatus			
	4.1	Testing machine (for method A and B) (see <u>Figure 1</u>)		
		4.1.1 Test specimen holder (for method A and B)		
		4.1.2 Holding and lifting device (for method A and B)	2	
		4.1.3 Rubber covered abrasive wheels (for method A)		
		4.1.4 Abrasive paper strips (for method A)		
		4.1.5 Calibration plates (for method A)		
		4.1.6 Suction device (for method A)		
	4.2	Grit feeder and accessories (only for method B)		
	7.2	4.2.1 General		
		4.2.2 Vacuum cleaning device		
		4.2.3 Abrading material		
		4.2.4 Leather abrading wheels	6	
		4.2.5 Stopwatch		
		4.2.6 Grit collection container		
		4.2.7 Calibration plates		
	4.3	4.2.8 Transparent template to evaluate the wear of the abraded area	7	
	4.5	4.3.1 Weighing equipment		
		4.3.2 Conditioning chamber		
5	Test	specimens	7	
6	Proc	cedure of method A	8	
	6.1	General		
	6.2	Preparation of test specimens and abrasive papers		
	6.3	Preparation of abrasive wheels		
	6.4	Determination of the abrasion rate of abrasive paper		
	6.5	Abrasion of test specimen		
		6.5.1 General 6.5.2 Abrasion evaluation method A - octants		
	6.6	Expression of results		
	6.7	Test report		
7	Drog	cedure of method B		
,	7.1	General		
	7.2	Maintenance of the abrading wheels		
	7.3	Operation of the abrader		
		7.3.1 To start the wear test:	11	
		7.3.2 To halt the wear test:		
	7.4	Calibration		
		7.4.1 Rate of grit flow		
	7.5	7.4.2 Abrading capacity		
	7.5 7.6	Expression of results		
	7.0	Test report		
Δnn		ormative) Calibration and maintenance of abrasion equipment		
Annex B (normative) Measurement of shore A hardness				
Bibl	iograp]	hy	19	