



**International
Standard**

ISO 5684

**Adhesives — Floor covering
adhesives and products for flooring
installation — Assessment and
classification of low volatile organic
compound (VOC) products**

Second edition

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

ISO/PRF 5684

<https://standards.itch.ai/catalog/standards/iso/8f906d3f-d6f2-4dca-92c3-f0289593d22b/iso-prf-5684>

PROOF/ÉPREUVE

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

ISO/PRF 5684

<https://standards.iteh.ai/catalog/standards/iso/8f906d3f-d6f2-4dca-92c3-f0289593d22b/iso-prf-5684>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

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

PROOF/ÉPREUVE

© ISO 2025 – All rights reserved

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Abbreviated terms	2
5 Emission scenario and reference room	2
5.1 Emission scenario	2
5.2 Reference room and loading factor	2
6 Test chamber conditions	2
7 Product sampling and transport to the laboratory	3
8 Handling of product samples in the laboratory	3
8.1 General	3
8.2 Preparation of test specimen	3
8.3 Preparation of water-based primers	3
8.4 Preparation of non-water-based primers	3
8.5 Preparation of flooring adhesives	4
8.6 Preparation of levelling compounds	4
8.7 Preparation of (dry) film adhesives (tapes) and underlays for flooring	4
9 Determination of vapour-phase organic compounds in test chamber air	4
9.1 General	4
9.2 Determination of VOCs and SVOCs in test chamber air	5
9.3 Determination of formaldehyde and acetaldehyde in test chamber air	5
9.4 Determination of carcinogenic substances of category 1 in test chamber air	5
10 Expression of results	5
11 Reporting of test results	6
Bibliography	7