

This is a preview of "ISO 16925:2021". [Click here to purchase the full version from the ANSI store.](#)

Second edition
2021-12

Paints and varnishes — Determination of the resistance of coatings to pressure water-jetting

*Peintures et vernis — Détermination de la résistance des revêtements
à un jet d'eau sous pression*



Reference number
ISO 16925:2021(E)

© ISO 2021



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

This is a preview of "ISO 16925:2021". [Click here to purchase the full version from the ANSI store.](#)

Contents

	Page
Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Principle.....	1
5 Apparatus and materials.....	2
6 Sampling.....	3
7 Preparation of test specimens.....	4
7.1 Test specimens.....	4
7.2 Preparation and coating.....	4
7.3 Thickness of coating.....	4
8 Procedure.....	4
8.1 Introducing the cut or the scribe.....	4
8.2 Testing.....	5
9 Evaluation.....	6
9.1 General.....	6
9.2 Evaluation with illustrations to compare.....	6
10 Precision.....	13
10.1 General.....	13
10.2 Repeatability limit (<i>r</i>).....	13
10.3 Reproducibility limit (<i>R</i>).....	13
11 Designation.....	13
12 Test report.....	14
Annex A (normative) Calibration of the test apparatus.....	15

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*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 16925:2014), which has been technically revised.

The main changes are as follows:

- the definitions “fracture strength”, “adhesion” and “cohesion” have been deleted from [Clause 3](#) because they are not used in this document;
- in [5.1](#) and in [A.2.4](#) the data for the adjustment of the mass flow rate have been updated;
- in [8.2](#) and in the test report the agreement of the mass flow rate has been deleted because it is given by the test method and need not to be agreed;
- the volumetric flow rate has been changed to mass flow rate in several places;
- the normative references have been updated and the text has been editorially revised.

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.