

This is a preview of "ISO 6272-1:2011". [Click here to purchase the full version from the ANSI store.](#)

Second edition  
2011-08-15

---

---

## **Paints and varnishes — Rapid-deformation (impact resistance) tests —**

Part 1:

### **Falling-weight test, large-area indenter**

*Peintures et vernis — Essais de déformation rapide (résistance au choc) —*

*Partie 1: Essai de chute d'une masse avec pénétrateur de surface importante*



Reference number  
ISO 6272-1:2011(E)

© ISO 2011

This is a preview of "ISO 6272-1:2011". [Click here to purchase the full version from the ANSI store.](#)



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

This is a preview of "ISO 6272-1:2011". [Click here to purchase the full version from the ANSI store.](#)

## Contents

Page

Foreword .....	iv
1 Scope .....	1
2 Normative references .....	1
3 Principle.....	1
4 Apparatus .....	2
5 Sampling.....	2
6 Test panels .....	4
7 Procedure .....	5
8 Precision.....	6
9 Test report.....	7

## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 6272-1 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 6272-1:2002), which has been technically revised. The main technical changes are as follows:

- a) in the description of the guide tube (see 4.1.3) and in Figure 1, the play permitted between the guide tube and the falling weight has been changed;
- b) a "principle" clause has been added;
- c) the test is no longer carried out at a specified relative humidity; instead, the relative humidity is simply recorded but the test has to be completed within a specified length of time after conditioning the test panels;
- d) the supplementary test conditions (formerly Annex A) have been incorporated in the test report.

ISO 6272 consists of the following parts, under the general title *Paints and varnishes — Rapid-deformation (impact resistance) tests*:

- *Part 1: Falling-weight test, large-area indenter*
- *Part 2: Falling-weight test, small-area indenter*