

BS EN ISO 20566:2013



BSI Standards Publication

Paints and varnishes — Determination of the scratch resistance of a coating system using a laboratory-scale car- wash (ISO 20566:2013)

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National foreword

This British Standard is the UK implementation of EN ISO 20566:2013. It supersedes BS EN ISO 20566:2006 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/10, Test methods for paints.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments issued since publication

Date	Text affected
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English Version

Paints and varnishes - Determination of the scratch resistance
of a coating system using a laboratory-scale car-wash (ISO
20566:2013)

Peintures et vernis - Détermination de la résistance à la
rayure d'un système de peinture sur un poste de lavage
automobile de laboratoire (ISO 20566:2013)

Beschichtungsstoffe - Bestimmung der Kratzbeständigkeit
von Beschichtungen mit einer Labor-
Automobilwaschanlage (ISO 20566:2013)

This European Standard was approved by CEN on 9 February 2013.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 20566:2013) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 "Paints and varnishes" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2013, and conflicting national standards shall be withdrawn at the latest by August 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 20566:2006.

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Endorsement notice

The text of ISO 20566:2013 has been approved by CEN as EN ISO 20566:2013 without any modification.

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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.

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ISO 20566 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 20566:2005), which has been technically revised. The main changes are:

- a) a “terms and definitions” clause has been added, defining the terms mar, scratch, double pass, test area and reflow effect;
- b) tolerances have been added to all key numerical values, such as dimensions;
- c) the spread of the spray jet has been changed from 60° to 65°;
- d) the thickness of the test panels has been specified;
- e) the test procedure has been described in more detail;
- f) a visual examination of the test panels has been added.