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Fifth edition
2016-08-01

Paints and varnishes — Standard panels for testing

Peintures et vernis — Panneaux normalisés pour essai



Reference number
ISO 1514:2016(E)

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Foreword

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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).

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For an explanation on 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 the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This fifth edition cancels and replaces the fourth edition (ISO 1514:2004), which has been technically revised with the following changes:

- a) the preparation by zinc-phosphate and chromate treatment, chromate conversion coating and acid chromating, was deleted;
- b) the following materials have been amended: coil-coated panels, plastics panels, glass-fibre reinforced plastics composite panels (GRP), carbon-fibre reinforced plastics composite panels (CFP);
- c) the former Annex B on characterization of zinc and zinc alloy coatings has been deleted;
- d) a new [Annex B](#) on common substrate panel has been added;
- e) the normative references have been updated.

Introduction

For many of the test methods most widely used for paints and varnishes, the type of panel used and the particular way in which it is prepared for use can affect the test results to a significant degree. Consequently, it is important to standardize as carefully as possible both the panels and the procedures used to prepare the panels prior to painting.

It is not possible to include in an International Standard all the types of panels and preparation needed for paint testing

This International Standard describes preparation procedures that are known to be reproducible and gives additional guidance in instances where there might still be doubt due to lack of international uniformity of the procedure.