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Paints and varnishes — T-bend test

Peintures et vernis — Essai de pliage en T



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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.

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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 17132 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

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Introduction

This International Standard is one of five standards which specify empirical test procedures for assessing the resistance of coatings of paints, varnishes and related products to cracking and/or detachment from the substrate under different conditions of deformation. The other International Standards are ISO 1519, ISO 1520, ISO 6272 and ISO 6860.

The T-bend test has already been standardized in the USA (ASTM D 4145), Europe (EN 13523-7) and Japan (JIS G 3312). The test methods in these standards are basically the same, but differ from each other in details such as

- whether the coated test panel is folded back on itself or is bent round a mandrel or a test panel used as a spacer;
- the way in which the test result is expressed.

In this International Standard, the basic contents common to the US, European and Japanese standards have been adopted, but details in which the US, European and Japanese standards differ, in particular the use of a mandrel or spacer panels, have been made subject to agreement between the interested parties.