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Hardware for furniture - Test and evaluation methods for the corrosion resistance of furniture fittings

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Hardware for furniture - Test and evaluation methods for the corrosion resistance of furniture fittings

Quincaillerie d'ameublement - Méthodes d'essai et d'évaluation de la résistance à la corrosion des ferrures de meubles

Möbelbeschläge - Prüf- und Bewertungsverfahren für die Korrosionsbeständigkeit von Möbelbeschlägen

This European Standard was approved by CEN on 2 October 2022.

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

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EN 17737:2022 (E)

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Test equipment	5
5 Test methods	5
5.1 General	5
5.2 Test set-up	5
5.3 Test samples	5
6 Visual inspection and assessment procedures after the corrosion tests	6
6.1 General	6
6.2 Visual inspection	6
6.3 Cleaning procedure for R_A rating	6
6.4 Cleaning procedure for R_P rating	6
6.5 Determination of R_A and R_P rating	6
6.6 Test report	8
Annex A (informative) Recommendation for the evaluation of corrosion resistance	9

European foreword

This document (EN 17737:2022) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by May 2023, and conflicting national standards shall be withdrawn at the latest by month May 2023.

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

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EN 17737:2022 (E)**1 Scope**

This document specifies test methods for the determination of corrosion resistance of furniture fittings as ready-to-use assemblies or their individual parts.

It applies to the optical assessment of surface changes for the following materials:

- metals and their alloys;
- metal coatings with anodic or cathodic properties;
- conversion coatings;
- anodic oxide layers;
- organic coatings on metallic materials.

This document does not include any requirements regarding the corrosion resistance of furniture fittings. These can be given in the product specifications.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227)*

EN ISO 6270-2, *Paints and varnishes — Determination of resistance to humidity — Part 2: Condensation (in-cabinet exposure with heated water reservoir) (ISO 6270-2)*

EN ISO 10289, *Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates — Rating of test specimens and manufactured articles subjected to corrosion tests (ISO 10289)*

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