

Irish Standard I.S. EN 15706: 2009

Hardware for furniture - Strength and durability of slide fittings for sliding doors and roll fronts

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English Version

Hardware for furniture - Strength and durability of slide fittings for sliding doors and roll fronts

Quincaillerie d'ameublement - Résistance mécanique et endurance des éléments de coulissement pour portes coulissantes et rideaux coulissants

Möbelbeschläge - Festigkeit und Dauerhaltbarkeit von Beschlägen für Schiebetüren und Rollläden

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

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EN 15706:2009 (E)

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Foreword

This document (EN 15706:2009) 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of an identical text or by endorsement, at the latest by October 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.

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EN 15706:2009 (E)

Introduction

The aim of this draft European Standard is to provide furniture manufacturers, designers and developers with comparable information regarding the performance of all types of slide fittings and their components for sliding doors and roll fronts.

EN 15706:2009 (E)

1 Scope

This European Standard EN 15706 specifies test methods and requirements for the strength and durability of all types of slide fittings for all types of sliding doors and roll fronts sliding horizontally and vertically and their components for all fields of application.

The tests consist of the application of loads, forces and velocities simulating normal functional use, as well as misuse, that might reasonably be expected to occur.

With the exception of the corrosion test in Clause 8, the tests are designed to evaluate properties without regard to materials, design/construction or manufacturing processes.

The strength and durability tests only relate to the fittings and the parts used for the attachment.

The strength and durability tests are carried out in a test frame with specified properties. The test results can only be used as a guide to the performance of a piece of furniture.

The test results are only valid for the fittings tested. These results may be used to represent the performance of production models provided that the tested model is representative of the production model.

With the exception of the corrosion test in Clause 8, ageing and influences of heat and humidity are not included.

Annex A (normative): Product information system.

Annex B (normative): Test parameters.

2 Normative references

The following referenced documents are indispensable for the application 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 320:1993, Fibreboards — Determination of resistance to axial withdrawal of screws

EN 323:1993, Wood-based panels — Determination of density

EN ISO 6270-2, Paints and varnishes — Determination of resistance to humidity — Part 2: Procedure for exposing test specimens in condensation-water atmospheres (ISO 6270-2:2005)

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

catch device

device, which keeps or pulls a sliding door/roll front in place, but does not require a second action in order to release it, e.g. a magnetic catch or a self-closing or self-opening mechanism

3.2

damper

mechanism which stops the movement of a sliding door/roll front gently



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