



SLOVENSKI STANDARD SIST EN 17850:2024

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Pohištveno okovje - Podstavki za sedežno pohištvo - Zahteve in preskusne metode

Hardware for furniture - Star bases for seating - Requirements and test methods

Möbelbeschläge - Fußkreuze für Sitzmöbel - Anforderungen und Prüfverfahren

Quincaillerie d'ameublement - Piètement en étoile pour sièges - Exigences et méthodes d'essai

Ta slovenski standard je istoveten z: EN 17850:2023

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97.140

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English Version

**Hardware for furniture - Star bases for seating -
Requirements and test methods**

Quincaillerie d'ameublement - Piètements en étoile
pour sièges - Exigences et méthodes d'essai

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Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 27 November 2023.

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

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European foreword

This document (EN 17850:2023) 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of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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 17850:2023 (E)

1 Scope

This document specifies requirements and test methods for the determination of the strength, durability and stiffness of star bases for use for seating with three or more legs.

It is not applicable for star bases intended to be used in child seating products.

It is applicable without regard to materials, design/construction or manufacturing processes.

It is a component standard helping to regulate star-base properties between component manufacturer and manufacturer of final seating. This document is not relevant for the final consumer where standards for complete articles exist.

The requirements are based upon star bases fitted with glides and with castors whose wheels are up to 65 mm diameter and for use by persons weighing up to 150 kg.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp/>

— IEC Electropedia: available at <https://www.electropedia.org/>

3.1 star base

undercarriage for a seating with three or more legs supported/carried with castors or glides at the ends and with a centre mounting hole for a column (i.e. a gaslift or similar with conical centre hole)

3.2 castor

assembly comprising a housing, one or more wheels, an axle and, if required, accessories

3.3 glide

foot with stem that allows a chair to be moved while protecting the floor

3.4 counter cone

conical device to transfer the relevant load to the base

3.5 excess length

length of part of the stem protruding out of the mounting hole