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MADRATSID. OHUTUSNÕUDED JA KATSEMEETODID

Children's furniture - Mattresses for cots and cribs -
Safety requirements and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 16890:2017+A1:2021 sisaldab Euroopa standardi EN 16890:2017+A1:2021 ingliskeelset teksti.	This Estonian standard EVS-EN 16890:2017+A1:2021 consists of the English text of the European standard EN 16890:2017+A1:2021.
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English Version

Children's furniture - Mattresses for cots and cribs - Safety requirements and test methods

Mobilier pour jeunes enfants - Matelas pour berceaux
et lits à nacelle - Exigences de sécurité et méthodes
d'essai

Kindermöbel - Matratzen für Kinderbetten und
Krippen - Sicherheitstechnische Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 3 March 2017 and includes Amendment 1 approved by CEN on 23 May 2021.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 16890:2017+A1:2021) 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of an identical text or by endorsement, at the latest by December 2021, and conflicting national standards shall be withdrawn at the latest by December 2021.

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.

This document includes Amendment 1 approved by CEN on 23 May 2021.

This document supersedes A1 EN 16890:2017 A1

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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1 Scope

This European Standard specifies safety requirements and test methods for mattresses including mattress bases and mattress toppers, used in children's cots, travel cots, cribs and suspended baby beds, for domestic and non-domestic use.

This European Standard does not apply to mattresses for carry cots and pram bodies, inflatable mattresses, water mattresses and mattresses used for medical purposes.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

■ A1

EN 71-1:2014+A1:2018, *Safety of toys - Part 1: Mechanical and physical properties* ■ A1

EN 71-2:2011+A1:2014, *Safety of toys - Part 2: Flammability*

■ A1

EN 71-3:2019, *Safety of toys - Part 3: Migration of certain elements*

EN 597-1:2015, *Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 1: Ignition source smouldering cigarette* ■ A1

EN 1334:1996, *Domestic furniture - Beds and mattresses - Methods of measurement and recommended tolerances*

■ A1

EN 1730:2012, *Furniture - Tables - Test methods for the determination of stability, strength and durability*

EN ISO 2439:2008, *Flexible cellular polymeric materials - Determination of hardness (indentation technique)* (ISO 2439:2008)

EN ISO 13936-2:2004, *Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 2: Fixed load method* (ISO 13936-2:2004) ■ A1

3 Terms and definitions

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

3.1

mattress topper

upholstery product that comprises a cover and filling(s) designed to be used on top of a mattress

3.2

mattress base

cot base and a mattress combined in one component

■ A1 3.3

woven fabric

fabric produced by interlacing (by weaving on a loom or weaving machine) a set of warp threads and a set of weft threads normally at right angles to each other