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MADRATSID. OHUTUSNÕUDED JA KATSEMEETODID

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

## EESTI STANDARDI EESSÕNA

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EUROPEAN STANDARD

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## 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.

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## European foreword

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of an identical text or by endorsement, at the latest by November 2017, and conflicting national standards shall be withdrawn at the latest by November 2017.

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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.

EN 71-1, *Safety of toys - Part 1: Mechanical and physical properties*

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

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

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

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

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

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

## 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

### 3.3

#### **foldable mattress base**

mattress base specifically designed to be folded for ease of storage, when not in use

## 4 General test conditions

### 4.1 Preliminary preparation

The furniture shall be tested as delivered.

Unless otherwise specified, the tests shall be carried out on the same sample.