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Furniture - Bunk beds and high beds - Part 2: Test methods



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 747-2:2012+A1:2019 sisaldab Euroopa standardi EN 747-2:2012+A1:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 747-2:2012+A1:2015 consists of the English text of the European standard EN 747-2:2012+A1:2015.
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EUROPÄISCHE NORM

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English Version

Furniture - Bunk beds and high beds - Part 2: Test methods

Meubles - Lits superposés et lits surélevés - Partie 2: Méthodes d'essai Möbel - Etagenbetten und Hochbetten - Teil 2: Prüfverfahren

This European Standard was approved by CEN on 8 March 2012 and includes Amendment 1 approved by CEN on 16 April 2015.

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

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Foreword

This document (EN 747-2:2012+A1:2015) 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of an identical text or by endorsement, at the latest by November 2015, and conflicting national standards shall be withdrawn at the latest by November 2015.

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

This document includes Amendment 1, approved by CEN on 2015-04-16.

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

This document supersedes A EN 747-2:2012 A.

A₁) deleted text (A₁

EN 747 is divided into the following parts:

- EN 747-1, Furniture Bunk beds and high beds Part 1: Safety, strength and durability requirements;
- EN 747-2, Furniture Bunk beds and high beds Part 2: Test methods.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This part of EN 747 describes a number of tests consisting of the application, to various parts of bunk beds and high beds, of loads or forces applied by one adult occupant per bed during normal functional use. It also deals with misuses that can be reasonably expected to occur.

To evalu. The tests are designed to evaluate properties without regard for materials, design/construction or manufacturing processes.

1 Scope

This European Standard specifies test methods for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use. The loads and forces in the strength and durability tests apply to beds with an internal length greater than 140 cm and a maximum bed base width of 120 cm.

The tests are designed to be applied to a bed that is fully assembled and ready for use.

The applicable safety requirements are given in EN 747-1.

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 747-1:2012+A1:2015 (A), Furniture — Bunk beds and high beds — Part 1: Safety, strength and durability requirements

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

3 General test conditions

3.1 Preliminary preparation

For furniture that includes hygroscopic materials, at least one week in normal indoor conditions shall have elapsed between manufacturing (or assembly) and testing.

For all other furniture, at least 48 hours in normal indoor conditions shall have elapsed prior to testing.

The sample shall be tested as delivered. If the sample is a knock-down type, it shall be assembled according to the instructions supplied with it. If the instructions allow for different combinations, the most adverse combination shall be used for each test.

Samples intended to be fastened together in pairs or attached to the structure of a building shall be tested as single, free-standing samples unless the instructions specifically require attachment to another sample or the building structure.

The test shall be carried out in indoor ambient conditions at a temperature between 15 °C and 25 °C. If, during a test, the temperature falls outside of the range of 15 °C to 25 °C, the maximum and/or minimum temperature shall be recorded in the test report.

Knock-down fittings shall be tightened before testing and shall not be re-tightened throughout the testing procedures.

The tests shall be carried out on the same sample and following the order of the clauses of EN 747-1. If a test cannot be carried out as specified in this standard, e.g. because a loading pad cannot be used for the application of a force due to the design of the product, the test shall be carried out as closely as possible to the specified procedure.