

Institut luxembourgeois de la normalisation de l'accréditation, de la sécurité et qualité des produits et services

ILNAS-EN 747-2:2012

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

Möbel - Etagenbetten und Hochbetten -Teil 2: Prüfverfahren

Meubles - Lits superposés et lits surélevés - Partie 2: Méthodes d'essai

National Foreword

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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.

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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) 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of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

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 supersedes EN 747-2:2007 and EN 13453-2:2004.

Compared to EN 747-2:2007 and EN 13453-2:2004, the following modifications have been made:

- a) Subclause 4.2 *Measuring cones*: A 7 mm cone has been added.
- b) Subclause 5.3 Measuring of holes, gaps and openings: includes measuring of 7 mm holes.
- c) Subclause 5.4.3 *Upwards and downwards static load on bed base*: the downwards force has been increased to 1 200 N (from EN 13453).
- d) Subclause 5.4.5 Durability test on bed base: new test (from EN 13453).
- e) Subclause 5.6.1 *Vertical static load on treads*: the force has been increased from 1 000 N to 1 200 N (from EN 13453).
- f) Subclause 5.7 Stability test: the horizontal force has been changed from an overturning moment of 170 Nm to a horizontal force of 120 N at the points most likely to cause overturning.

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 organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, 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.

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