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English Version

Furniture - Bunk beds and high beds - Part 1: Safety, strength and durability requirements

Meubles - Lits superposés et lits surélevés - Partie 1:
Exigences de sécurité, de résistance et de durabilité

Möbel - Etagenbetten und Hochbetten - Teil 1:
Anforderungen an die Sicherheit, Festigkeit und
Dauerhaltbarkeit

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 207.

This draft amendment A1, if approved, will modify the European Standard EN 747-1:2012. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Foreword

This document (EN 747-1:2012/prA1:2013) has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by UNI.

This document is currently submitted to the CEN Enquiry.

EN 747-1:2012/prA1:2013 (E)**1 Modification to Clause 1**

Replace the first paragraph by the following three paragraphs:

"This European Standard specifies requirements for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use.

It applies to bunk beds with a height to the upper surface of the top bed base of 600 mm or more above the floor and to high beds with a height to the upper surface of the top bed base of 600 mm or more above the floor.

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."

2 Modifications to Clause 3

Delete clause 3.1

Delete clause 3.2

3 Modifications to Clause 4

Replace clause 4.1.2 Accessible holes gaps and openings by the following:

"4.1.2 Accessible holes gaps and openings**4.1.2.1 General**

There shall be no accessible holes, gaps or openings with a diameter/width greater than 7 mm and less than 12 mm, unless the depth is less than 10 mm when tested according to 5.3 of EN 747-2:2012.

Additionally, accessible holes, gaps and openings in safety barriers, bed bases and treads, shall fulfil the requirements specified in the respective clauses, i.e. 4.1.3 Bed base(s), 4.1.4 Safety barriers and 4.1.5 Ladder or other means of access.

All other accessible holes, gaps or openings shall be either:

- a) at least 12 mm but not more than 25 mm, when tested in accordance with 5.3 of EN 747-2:2012; or
- b) at least 60 mm but not more than 75 mm, when tested in accordance with 5.3 of EN 747-2:2012; or
- c) at least 200 mm."

Insert the following new sub-clause as follows:

"4.1.2.2 Head entrapment on the outside of the cot

The following requirements do not apply to beds, where the lowest part of the opening is less than 600 mm from the floor.

Partially bound, V and irregular shaped openings shall be constructed so that:

a) portion B of the template does not enter the opening when tested in accordance with 5.3.2 of EN 716-2:2008; or

b) the apex of portion A of the template contacts the base of the opening when tested in accordance with 5.3.2 of EN 747-2:2013"

In 4.1.3 add the following at the end of the sixth paragraph:

"This requirement is fulfilled if there is a min. ventilation area of 35 cm² (e.g. 8 holes with a diameter of 24 mm)."

4 Modification to clause 5

Replace the texts in a) to j) by the following a) to l):

"

- a) **WARNING** "High beds and the upper bed of bunk beds are not suitable for children under six years due to the risk of injury from falls";
- b) **WARNING** "Bunk beds and high beds can present a serious risk of injury from strangulation if not used correctly. Never attach or hang items to any part of the bunk bed that are not designed to be used with the bed, for example, but not limited to ropes, strings, cords, hooks, belts and bags"
- c) **WARNING** "Children can become trapped between the bed and the wall, a roof pitch, the ceiling, adjoining pieces of furniture (e.g. cupboards) and the like. To avoid risk of serious injury the distance between the top safety barrier and the adjoining structure shall not exceed 75 mm or shall be more than 230 mm";
- d) **WARNING** Do not use the bunk bed/high bed if any structural part is broken or missing;
- e) always follow the manufacturer's instructions;
- f) the recommended size of the mattress(es);
- g) a statement that ventilation of the room is necessary in order to keep the humidity low and to prevent mould in and around the bed;
- h) all bunk beds and high beds intended to be assembled by other than the manufacturer or his/her representative shall include assembly instructions including a list of the parts supplied and details of any tools required to assemble the bed;
- i) instructions regarding positioning and connection of the means of access;
- j) the maximum thickness of the mattress (see 4.3) as well as information regarding the mattress maximum thickness marking;
- k) a statement to check regularly that all assembly fastenings properly tightened;
- l) the number and year of this European Standard.

"

5 Modification to clause 6

Add a new c) as follows:

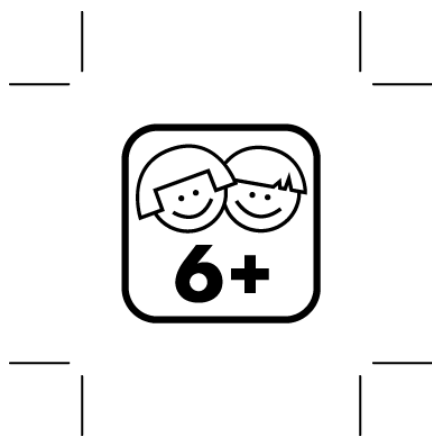
"

- c) either a text or a pictogram as follows:

Text: High beds and the upper bed of bunk beds are not suitable for children under six years due to the risk of injury from falls"

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Pictogram at least 15 mm x 15 mm



"

Replace current c) by d)