ISO 9098-2:2023-05 (E)

Bunk beds and high beds - Safety requirements and tests - Part 2: Test methods

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 General test requirements 1
4.1 Preliminary preparation 1
4.2 Application of forces 2
4.3 Tolerances 2

5 Test apparatus 2
5.1 General 2
5.2 Test probes 2
5.2.1 Finger probes with hemispherical end 2
5.2.2 Shape assessment probe 3
5.2.3 Other probes 3
5.3 Bed base impactor 4
5.3.1 Circular body 4
5.3.2 Springs 5
5.3.3 Striking surface 5
5.4 Loading pads 5
5.5 Test mattress 5
5.5.1 General 5
5.5.2 Usage 6
5.6 Test mass 6
5.7 Stops 6
5.8 Floor surface 6
5.9 Tread impactor 6
5.10 Template for V-shaped openings 7
5.11 Foam 8

6 Test procedures 8
6.1 Inspection before testing 8
6.2 Inspection of product 8
6.3 Measurement 9
6.3.1 Holes, gaps and openings 9
6.3.2 V and irregular shaped holes, gaps and openings 9
6.4 Strength and durability tests 11
6.4.1 Positioning of the bed 11
6.4.2 Test of bed base and safety barrier 11
6.4.3 Test of the safety barriers around bed 13
6.4.4 Durability test of frame and fastenings 14
6.4.5 Test of means of access 15
6.4.6 Test of platforms, and platform barriers 17
6.5 Stability test 18
6.6 Fastening of the upper bed to the lower bed 18