

ISBN 978-0-626-37372-6

SANS 1528-4:2013

Edition 1.2

SOUTH AFRICAN NATIONAL STANDARD

Furniture

Part 4: Bunk beds for domestic use

Published by the South African Bureau of Standards
1 Dr Lategan Road Groenkloof ☒ Private Bag X191 Pretoria 0001
Tel: +27 12 428 7911 Fax: +27 12 344 1568

www.sabs.co.za

© SABS

SABS

This page has been left blank intentionally



COPYRIGHT PROTECTED DOCUMENT

© SABS

In terms of the Standards Act 8 of 2008, the copyright in all South African National Standards or any other publications published by the SABS Standards Division, vests in the SABS. Any use of South African National Standards is limited to use specifically prescribed by the SABS. In the case of a South African National Standard based on an international standard, ownership of the copyright vests in the organization from which the SABS adopted the standard, whether it be under licence or membership agreement. The SABS is obliged to protect such copyright and is authorized to make the relevant international organization aware of any misuse thereof. Unless exemption has been granted, no extract or full text of any South African National Standard may be copied, reproduced, stored in a retrieval system or transmitted in any form or by any means without prior written permission from the SABS Standards Division. This does not preclude the free use, in the course of implementing the standard, of necessary details such as symbols, and size, type or grade designations. If these details are to be used for any purpose other than implementation, prior written permission must be obtained.

Details, advice and limitations of use can be obtained from the Manager: Standards Sales and Information Services. Tel: +27 (0) 12 428 6883 email: sales@sabs.co.za

SABS – Standards Division

The objective of the SABS Standards Division is to develop, promote and maintain South African National Standards. This objective is incorporated in the Standards Act, 2008 (Act No. 8 of 2008).

The SABS continuously strives to improve the quality of its products and services and would therefore be grateful if anyone finding an inaccuracy or ambiguity while using this standard would inform the secretary of the technical committee responsible, the identity of which can be found in the foreword.

Buying Standards

Contact the Sales Office for South African and international standards, which are available in both electronic and hard copy format. Tel: +27 (0) 12 428 6883 email: sales@sabs.co.za

South African National Standards are also available online from the SABS Webstore www.store.sabs.co.za

Information on Standards

SABS Customer Services provide comprehensive standards-related information on national, regional and international standards. Tel: +27 (0) 12 428 7911 / 0861 27 7227 email: info@sabs.co.za

SANS 1528-4:2013

Edition 1.2

Table of changes

Change No.	Date	Scope
Amdt 1	2008	Amended to change the designation of SABS standards to SANS standards, to update the introductory paragraph to the normative references clause, to update the definition of "acceptable", and to update referenced standards.
Amdt 2	2013	Amended to update referenced standards.

Foreword

This South African standard was prepared by National Committee SABS/TC 136, *Furniture*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in August 2013.

This document supersedes SANS 1528-4:2008 (edition 1.1).

A vertical line in the margin shows where the text has been technically modified by amendment No. 2.

SANS 1528 consists of the following parts, under the general title *Furniture*:

Part 1: Seating.

Part 2: Desks, tables and computer stands.

Part 3: Storage units.

Part 4: Bunk beds for domestic use.

Part 6: High chairs for domestic use.

Part 7: Children's cots for domestic use.

Annexes A and B are for information only.

Compliance with this document cannot confer immunity from legal obligations.

<p>Reaffirmed and reprinted in May 2019. This document will be reviewed every five years and be reaffirmed, amended, revised or withdrawn.</p>

Contents

	Page
Foreword	
1 Scope	3
2 Normative references	3
3 Definitions	4
4 Guardrails	4
5 Materials	4
5.1 Metal components	4
5.2 Toxic elements	5
6 Dimensions	6
6.1 Guardrails and bed end structures	6
6.2 Gaps	6
6.3 Means of access	6
6.4 Headroom	6
7 Construction	6
7.1 Trapping and pinching hazards	6
7.2 Connection of top bed	6
7.3 Strength	6
8 Marking and instructions	7
8.1 Marking	7
8.2 Instructions	7
9 Inspection and methods of test	7
9.1 Inspection	7
9.2 Preparation of bunk bed for testing	7
9.3 Test for toxicity	7
9.4 Measurement of dimensions	8
9.5 Test for connection of top bed	9
9.6 Test for resistance to impact	9
9.7 Test for strength of guardrails	10
9.8 Test for strength of means of access and mattress seat	11
9.9 Test for strength of lower bed	11
Annex A (informative) Quality verification of bunk beds	13
Annex B (informative) Bibliography	13