

Ladders —

Part 2: Specification for requirements, testing, marking

The European Standard EN 131-2:1993 has the status of a
British Standard

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This British Standard, having been prepared under the direction of the Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 May 1993

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Amendments issued since publication

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7874	May 1993	Indicated by a sideline in the margin

Contents

	Page
Cooperating organizations	Inside front cover
National foreword	ii
Foreword	2
Text of EN 131-2	3
National appendix NA (informative)	Inside back cover
National appendix NB (informative)	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Technical Sector Board for Building and Civil Engineering and is the English language version of EN 131-2:1993 “*Ladders — Requirements, testing, marking*” published by the European Committee for Standardization (CEN). Together with BS EN 131-1:1993 “*Ladders. Part 1 Specification for terms, types, functional sizes*” it supersedes class 2 of BS 1129:1990 and class 2 of BS 2037:1990 which will be deleted by amendment.

EN 131-2 was produced as a result of international discussion in which the UK took an active part.

The standard covers types of ladders covered by BS 1129 and BS 2037 and is in addition concerned with sectional ladders, mobile ladders and combination ladders not previously covered in British Standards. Ladders for special professional use, such as fire brigade ladders and mobile ladders, are not covered by this standard.

It is envisaged that a new European Standard will be prepared giving recommendations for the handling and use of ladders.

With the publication of BS EN 131-1 and BS EN 131-2 Class 2 of BS 1129:1990 and Class 2 of BS 2037:1990 are now obsolescent and will be withdrawn by amendment at the end of December 1994. Until such time these classes remain current. Class 2, folding trestles under BS 1129:1990 and BS 2037:1990 are not included in BS EN 131-1 BS EN 131-1-1 and BS EN 131-1-2.

In the EN text the following points are made to facilitate use of the standard.

3.1.1 Aluminium alloy. There should be no dash in the title i.e. “Aluminium alloy”.

In line 2, for an explanation of “elongation A” see BS EN 10002-1:1990, *Tensile testing of metallic materials*, Part 1. *Method of test at ambient temperature*.

3.1.1 and 3.1.2 Steel. The reference to minimum thickness for all parts made of aluminium alloy or steel is not taken to include metal fixings and washers.

3.1.4.11 Laminated wood. The expression in line 2 of “recognized technical rules” is taken to mean rules recognized within the timber industry.

4.2 Strength test of the ladder. In the last line “1 0/00” should read as 1/10 of 1 % i.e. 0.1 %.

4.6 Bending test of rungs/steps/platform. In paragraph 2, line 4 the instruction “distributed over a width of 100 mm” needs clarification so that it reads “distributed over a width of 100 mm for the full depth of the rung, step or platform”.

4.8 Test of opening restraint devices. The following guidance is offered on the characteristics of the “platform” referred to in line 2.

Each platform used for this test should have metal or plastics wheels or rollers of approximately equal diameter (ensuring that the applied loads can be supported) mounted so that they can rotate freely and their axes positioned parallel to the treads or rungs. The height of each platform should not vary by more than ± 5 mm from their mean.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Ladders, vocabulary, schematic presentation, dimensions

English version

Ladders — Requirements, testing, marking

Echelles — Exigences, essais, marquage

Leitern — Anforderungen, Prüfung,
Kennzeichnung

This draft European Standard was approved by CEN on 1993-01-25. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard was prepared by the Technical Committee CEN/TC 93 “*Ladders*”, of which the secretariat is held by DIN.

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 August 1993, and conflicting national standards shall be withdrawn at the latest by August 1993.

The standard was approved and in accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

Contents

	Page		Page
Foreword	2	6 Certification	11
Introduction	3	Figure 1 — Inadmissible knot	4
1 Scope	3	Figure 2 — Admissible knot	4
2 Normative references	3	Figure 3 — Admissible pitch pockets	4
3 Requirements	3	Figure 4 — Admissible deviation of the slope of grain related to the longitudinal edges	5
3.1 Materials	3	Figure 5 — Admissible deviation of the grain direction related to the longitudinal edges (spiral grain)	5
3.2 Design	5	Figure 6 — Example of a concealed joint	6
3.3 Surface finish	5	Figure 7 — Example of a through joint	6
3.4 Hinges (turning points)	5	Figure 8 — Example of concealed round rung joint	7
3.5 Opening restraints	5	Figure 9 — Strength test	8
3.6 Rungs/steps	6	Figure 10 — Bending test	8
3.7 Platform	6	Figure 11 — Lateral deflection test	8
3.8 Antiskid devices	6	Figure 12 — Test method of the bottom stile ends	9
3.9 Extending ladders	6	Figure 13 — Test method of the bottom stile ends (variation)	9
4 Testing	7	Figure 14 — Bending test of rungs/steps/platform	9
4.1 Generalities	7	Figure 15 — Torsion test of rungs and steps	9
4.2 Strength test of the ladder	7	Figure 16 — Test of opening restraint devices and hinges of standing ladders	10
4.3 Bending test of the ladder	8	Figure 17 — Test for locking devices	10
4.4 Lateral deflection test of the ladder	8		
4.5 Test method of the bottom stile ends	8		
4.6 Bending test of rungs/steps/platform	9		
4.7 Torsion test of rungs and steps	9		
4.8 Test of opening restraint devices (e.g. chains, straps) and hinges of standing ladders	9		
4.9 Test for locking devices of extending ladders and combination ladders	10		
5 Marking	11		