

STN	Rebríky Časť 4: Rebríky s jednoduchým alebo viacnásobným kĺbovým spojom	STN EN 131-4+A1 49 3801
------------	--	---

Ladders - Part 4: Single or multiple hinge-joint ladders

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/25

Obsahuje: EN 131-4:2020+A1:2025

Oznámením tejto normy sa ruší
STN EN 131-4 (49 3801) z augusta 2020

141306

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2026
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii
v znení neskorších predpisov.

EUROPEAN STANDARD

EN 131-4:2020+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2025

ICS 97.145

Supersedes EN 131-4:2020

English Version

Ladders - Part 4: Single or multiple hinge-joint laddersÉchelles - Partie 4 : Échelles articulées à articulations
simple et multiple

Leitern - Teil 4: Ein- oder Mehrgelenkleitern

This European Standard was approved by CEN on 22 December 2019 and includes Amendment 1 approved by CEN on 11 June 2025.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

EN 131-4:2020+A1:2025 (E)

Content	Page
European foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Functional dimensions	7
4.1 General.....	7
4.2 Hinged ladders in “platform position”.....	7
4.3 Hinged ladders in “stand-off” position.....	8
5 Requirements	8
5.1 General.....	8
5.2 Decking component.....	8
5.3 Ladder hinged in the longitudinal direction.....	8
6 Test methods	9
6.1 General.....	9
6.2 Tests method for hinge ladders.....	9
6.2.1 Principle.....	9
6.2.2 Strength test for ladders with hinges in longitudinal direction.....	9
6.2.3 Additional strength test for ladders with more than one pair of hinges in longitudinal direction.....	10
6.2.4 Cyclic test of hinge joint.....	11
6.2.5 Test of the ladder in the platform position.....	11
6.2.6 Cyclic test of hinge joints for lateral hinge ladders.....	14
6.2.7 Capacity to pass from storage positions to working position in lateral direction.....	14
7 Marking	15
8 User instructions	15
Annex A (normative) Test sequence	16
Annex B (informative) A-deviations	18
Bibliography	19

European foreword

This document (EN 131-4:2020+A1:2025) has been prepared by Technical Committee CEN/TC 93 “Ladders”, the secretariat of which 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 February 2026, and conflicting national standards shall be withdrawn at the latest by February 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 2025-06-11.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

This document supersedes A1 EN 131-4:2020 A1.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of Directive 2001/95/EC.

A1 Deleted text A1

This document is one of a series about ladders. Other standards of this series are listed in Clause 2 and in the Bibliography.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 131-4:2020+A1:2025 (E)**1 Scope**

This document specifies the requirements, tests and marking of hinged combination ladders with one or several hinge joints.

This document is not applicable to hinge-joints of combination and standing ladders as defined by EN 131-1.

This part of the standard is intended to be used in conjunction with EN 131-1, EN 131-2 and EN 131-3.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 131-1:2015+A1:2019, *Ladders — Part 1: Terms, types, functional sizes*

EN 131-2:2010+A2:2017, *Ladders — Part 2: Requirements, testing, marking*

EN 131-3, *Ladders — Part 3: Marking and user instructions*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN