



SLOVENSKI STANDARD
SIST EN 131-6:2019+A1:2025

01-oktober-2025

Lestve - 6. del: Teleskopske lestve (vključno z dopolnilom A1)

Ladders - Part 6: Telescopic ladders

Leitern - Teil 6: Teleskopleitern

Échelles - Partie 6 : Échelles télescopiques

Ta slovenski standard je istoveten z: EN 131-6:2019+A1:2025

ICS:

97.145

Lestve

Ladders

SIST EN 131-6:2019+A1:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 131-6:2019+A1

August 2025

ICS 97.145

Supersedes EN 131-6:2019

English Version

Ladders - Part 6: Telescopic ladders

Échelles - Partie 6: Échelles télescopiques

Leitern - Teil 6: Teleskopleitern

This European Standard was approved by CEN on 26 November 2018 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.

Document Preview

SIST EN 131-6:2019+A1:2025

<https://standards.iteh.ai/catalog/standards/sist/422cc529-b1a3-4887-888e-cc82489cc464/sist-en-131-6-2019a1-2025>



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Functional dimensions.....	6
4.1 General dimensions.....	6
4.2 Specific dimensions.....	6
4.3 Top rung clearance l_6	6
4.4 Outside width b_4	7
5 Requirements.....	7
5.1 General requirements	7
5.2 Distance between rungs/steps.....	7
5.3 Additional requirements for the top of leaning ladders.....	8
5.4 Locking of the rung/step sections.....	8
5.5 Design.....	8
5.6 Base width b_2	8
6 Testing.....	8
6.1 General.....	8
6.2 Ladder preconditioning.....	9
6.2.1 General.....	9
6.2.2 Drop test.....	9
6.3 Strength test of stiles	9
6.4 Bending test of stiles	11
6.5 Lateral deflection test of the ladder	11
6.6 Bottom stile ends test	11
6.7 Vertical load on rungs, steps and platforms.....	11
6.7.1 General.....	11
6.7.2 Rungs and steps	11
6.7.3 Platform.....	12
6.7.4 Rungs/steps strength test - unlocked position.....	13
6.7.5 Torsion test of rungs/steps	13
6.7.6 Pull out test of rung/step	14
6.8 Test of opening restraints and hinges of standing telescopic ladders.....	14
6.9 Base slip test for leaning ladders	14
6.10 Test of locking mechanism	14
6.10.1 Cyclic test of locking mechanism.....	14
6.10.2 Static test of locking mechanism	15
6.10.3 Cyclic test of hinge joints	15
6.11 Feet/End cap pull test.....	16
6.12 Asymmetrical bending test.....	16
6.13 Test methods for plastic ladders	16
6.14 Test methods for plastic rung/step brackets.....	16
6.15 Durability	16
6.16 Opening and closing cycle test.....	16