SLOVENSKI STANDARD
SIST EN 131-1:2007

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Nadomeġļa:
SIST EN 131-1:1996
SIST EN 131-1:1996/AC:2001

Lestve - 1. del: Terminologija, tipi, funkcionalne velikosti

Ladders - Part 1: Terms, types, functional sizes

Leitern - Teil 1: Benennungen, Bauarten, Funktionsmaße

Echelles - Partie 1: Terminologie, types, dimensions fonctionnelles

Ta slovenski standard je istoveten z: **EN 131-1:2007**

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97.145	Lestve	Ladders

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EUROPEAN STANDARD

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English Version

Ladders - Part 1: Terms, types, functional sizes

Echelles - Partie 1: Terminologie, types, dimensions fonctionnelles

Leitern - Teil 1: Benennungen, Bauarten, Funktionsmaße

This European Standard was approved by CEN on 22 March 2007.

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 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 Management Centre has the same status as the official versions.

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

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Foreword

This document (EN 131-1:2007) 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of an identical text or by endorsement, at the latest by November 2007, and conflicting national standards shall be withdrawn at the latest by November 2007.

This document supersedes EN 131-1:1993.

This draft standard is a revised version of EN 131-1:1993. Compared to the version EN 131-1:1993 the following modifications have been made:

a) Further terms added in Clause 3;

b) Provisions for the platform of standing step ladders added in 4.6;

c) Standing ladders with both steps and rungs added as 4.7.

This European Standard is one of a series about ladders. The other standards of this series are listed in Clause 2 and in the Bibliography.

On stability tests and ladder classes no consensus could be reached. These issues will be addressed in the next revision.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This European Standard defines terms and specifies the general design characteristics of ladders.

It applies to portable ladders. It does not apply to step stools for which EN 14183 applies. It does also not apply to ladders designed for specific professional use such as fire brigade ladders, roof ladders and mobile ladders.

2 Normative references

The following referenced documents are indispensable for the application 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 131-2, *Ladders — Part 2: Requirements, testing, marking*

EN 131-4:2007, *Ladders — Part 4: Single or multiple hinge-joint ladders*

3 Terms and definitions

For the purpose of this document, the following terms and definitions following apply.

NOTE For single or multiple hinge-joint ladders the terms and definitions given in EN 131-4 apply.

Dimensions in millimetres

Table 1

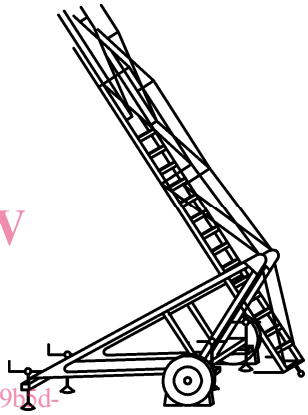
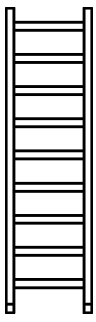
No	Terms	Definition	Figure
3.1	ladder	device incorporating steps or rungs on which a person may step to ascend or descend	
3.2	portable ladder	ladder which can be transported and set up by hand	
3.3	mobile ladder	ladder which is brought to each operational place by means of mobile support	 **Figure 1**
3.4	rung ladder	portable ladder with rungs, which have a standing surface from front to back of less than 80 mm	
3.5	leaning rung ladder	rung ladder which does not have its own support	
3.6	one-piece leaning rung ladder	leaning rung ladder consisting of one part only	 **Figure 2**

Table 1 *(continued)*

Dimensions in millimetres

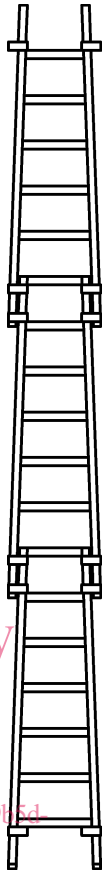
No	Terms	Definition	Figure
3.7	sectional ladder	leaning ladder consisting of several sections that can be fitted together by means of connection devices NOTE The length can only be varied by one whole section at a time	 **Figure 3**
3.8	extending ladder	leaning rung ladder consisting of two or more parts and having stiles which are arranged parallel to one another in each part of the ladder NOTE The length may be regulated by one rung at a time	

Table 1 *(continued)*

Dimensions in millimetres

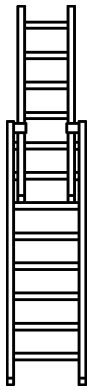
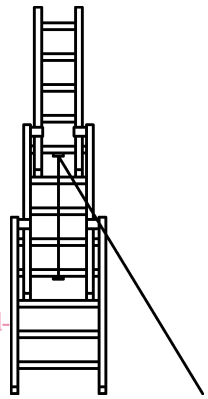
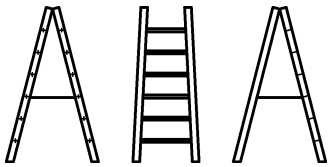
No	Terms	Definition	Figure
3.9	push-up extending ladder	extending ladder where the upper parts are extended by hand	 **Figure 4**
3.10	rope-operated extending ladder	extending ladder where the upper parts are extended by means of a rope or other means such as chains, straps or cables	 **Figure 5**
3.11	standing rung ladder	two-piece self-supporting rung ladder, unilaterally or bilaterally ascendable	 **Figure 6**

Table 1 *(continued)*

Dimensions in millimetres

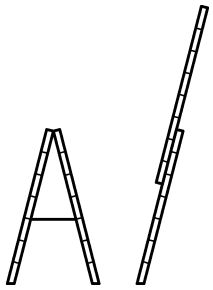
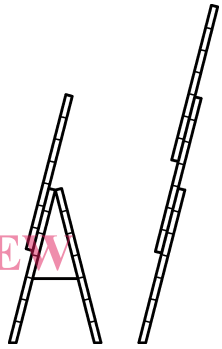
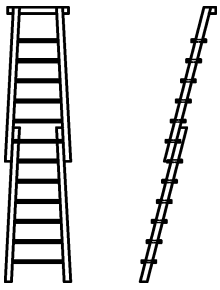
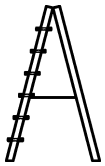
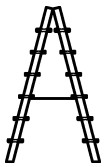
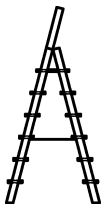
No	Terms	Definition	Figure
3.12	combination ladder	rung ladder of several parts, that can be used as, an extending ladder, a standing ladder or as a standing ladder with an extending ladder at the top, and parts of which may be used as one piece leaning ladders	 **Figure 7**  **Figure 8**
3.13	step ladder	portable ladder with steps horizontal during use and a standing surface from front to back equal to or greater than 80 mm	
3.14	leaning step ladder	step ladder that does not have its own support consisting of one or several parts	 **Figure 9**

Table 1 *(continued)*

Dimensions in millimetres

No	Terms	Definition	Figure
3.15	standing step ladder	two-legged self-supporting step ladder, unilaterally or bilaterally ascendable; with or without platform; with or without hand-/knee rail; a platform is regarded as a step	
		unilaterally ascendable step ladder	 **Figure 10**
		bilaterally ascendable step ladder	 **Figure 11**
		unilaterally ascendable step ladder with platform and hand-/knee rail	 **Figure 12**
		bilaterally ascendable step ladder with platform and hand-/knee rail	 **Figure 13**