



SLOVENSKI STANDARD
SIST EN 14975:2007+A1:2010
01-september-2010

Lestve - Zahteve, označevanje in preskušanje

Loft ladders - Requirements, marking and testing

Bodentreppen - Anforderungen, Kennzeichnung und Prüfung

Echelles de grenier - Exigences, marquage et essais

Ta slovenski standard je istoveten z: EN 14975:2006+A1:2010

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ICS:

97.145 Lestve Ladders

SIST EN 14975:2007+A1:2010 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 14975:2006+A1

July 2010

ICS 91.060.30

Supersedes EN 14975:2006

English Version

Loft ladders - Requirements, marking and testing

Echelles de grenier - Exigences, marquage et essais

Bodentreppen - Anforderungen, Kennzeichnung und Prüfung

This European Standard was approved by CEN on 25 November 2006 and includes Amendment 1 approved by CEN on 4 June 2010.

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

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Foreword

This document (EN 14975:2006+A1:2010) 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of an identical text or by endorsement, at the latest by January 2011, and conflicting national standards shall be withdrawn at the latest by January 2011.

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

This European Standard includes Amendment 1 approved by CEN on 4 June 2010.

This document supersedes EN 14975:2006.

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

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EN 14975:2006+A1:2010 (E)**1 Scope**

This European Standard specifies terms and definitions, product requirements and test methods for the construction and performance of loft ladders.

2 Normative references

Not applicable.

3 Terms and definitions

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

**3.1
loft ladder**
ladder designed to be permanently fixed at its top end with sliding or hinged sections permitting it to be lowered to and raised from a lower level to provide access to a loft or similar point at a higher level

**3.2
types of loft ladder**

**3.2.1
concertina loft ladder**
loft ladder with extendable climbing support

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NOTE See Figure 1.

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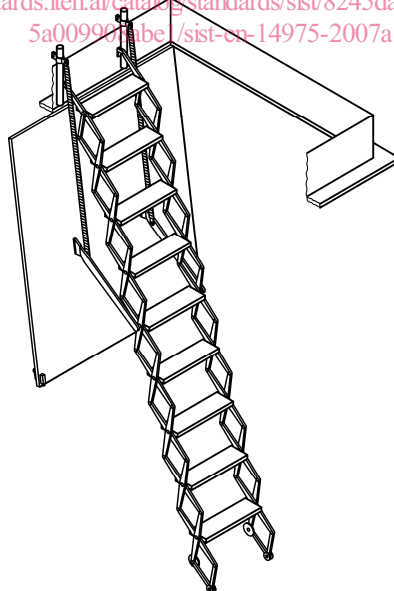
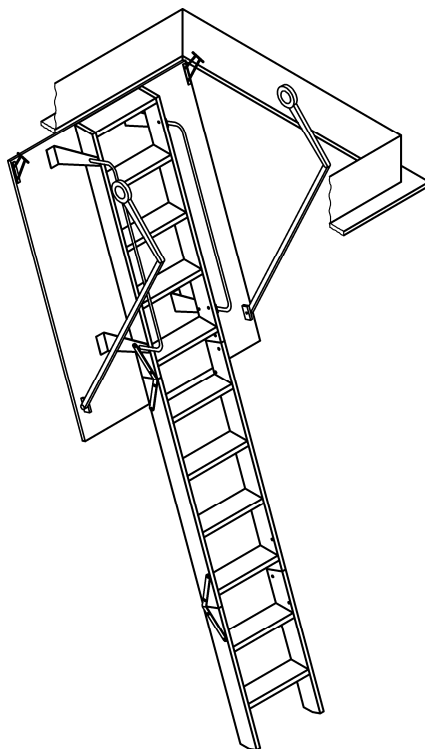


Figure 1 — Concertina loft ladder

**3.2.2
hinged/folding loft ladder**
loft ladder with hinged or folded climbing support

NOTE See Figure 2.



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Figure 2 — Hinged/folding loft ladder
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3.2.3

sliding loft ladder

loft ladder with sliding climbing support

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3.2.3.1

push-out sliding loft ladder

sliding loft ladder with climbing support to be pushed out

NOTE See Figure 3.

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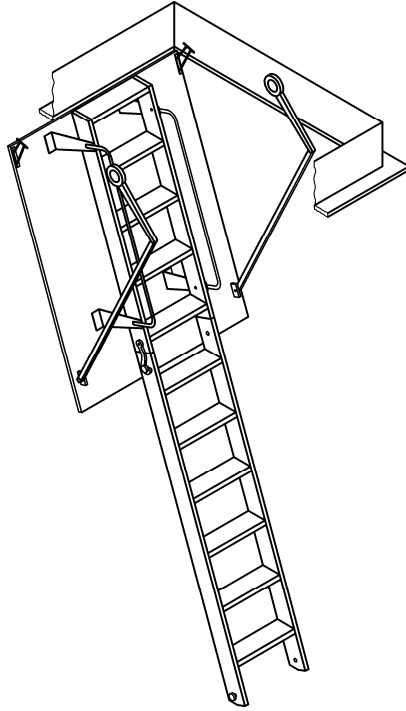


Figure 3 — Push-out sliding loft ladder

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3.2.3.2

pull-out sliding loft ladder

sliding loft ladder with climbing support to be pulled out

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NOTE See Figure 4.

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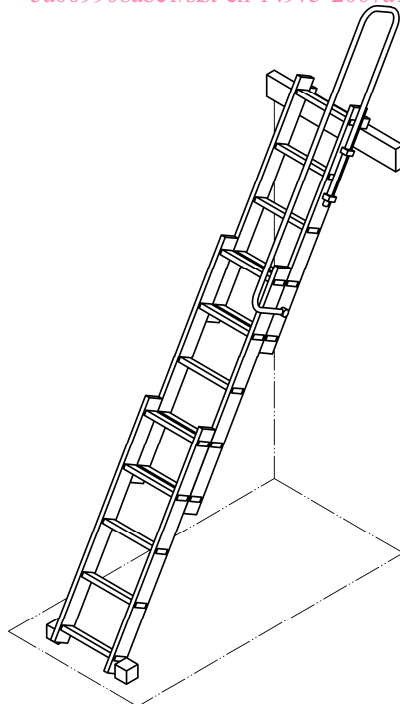


Figure 4 — Pull-out sliding loft ladder

3.3 parts of a loft ladder

3.3.1 handrail

rail fitted to loft ladder to give user support when climbing or descending loft ladder

3.3.2 trapdoor

door giving access to loft or similar point at a higher level

NOTE The loft ladder may or may not be attached to the trapdoor.

3.3.3 hinge

connecting element between loft ladder or trapdoor and loft or trapdoor casing similar point at a higher level

3.3.4 rung

climbing support with a standing surface from front to back of less than 80 mm and more than 20 mm

3.3.5 stile

side members to which the rungs, treads or cross-members are fitted

3.3.6 stile hinge

connecting element between folding ladder parts

3.3.7 locking device

mechanism to prevent unintended sliding out, extending or unfolding of the loft ladder

3.3.8 tread

climbing support with a standing surface from front to back equal to or greater than 80 mm

4 Maximum load

The requirements are based upon a maximum total load of 150 kg.

Loft ladders are designed to be used by one person at a time.

5 Test methods

5.1 General

5.1.1 Tolerances

For all tests, unless otherwise stated in the particular test, the following tolerances are permitted as uncertainty of measurement:

- ± 1 mm for linear measurements;
- $\pm 1^\circ$ for the measurement of angles;