

REDELID. OSA 7: MOBIILSED PLATVORMREDELID

Ladders - Part 7: Mobile ladders with platform

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 131-7:2013 sisaldab Euroopa standardi EN 131-7:2013 ingliskeelset teksti.	This Estonian standard EVS-EN 131-7:2013 consists of the English text of the European standard EN 131-7:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 10.07.2013.	Date of Availability of the European standard is 10.07.2013.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 97.145

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:
Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

ICS 97.145

English Version

Ladders - Part 7: Mobile ladders with platform

Échelles - Partie 7: Échelles mobiles avec plate-forme

Leitern - Teil 7: Mobile Podestleitern

This European Standard was approved by CEN on 15 May 2013.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
Foreword.....	3
1 Scope	3
2 Normative references	3
3 Terms and definitions	3
4 Requirements	6
4.1 General.....	6
4.2 Surface finishes	6
4.3 Materials	6
4.4 Stabiliser.....	7
4.5 Ballast	7
5 Dimensional requirements.....	7
5.1 Ascending legs	7
5.2 Supporting legs.....	8
5.3 Platform and toe board	8
5.4 Working area	8
5.5 Wheels and castors	9
5.6 Prevention of falls: Guardrails, Middle rails	9
5.7 Handrails.....	10
6 Testing	11
6.1 General.....	11
6.2 Torsion test of steps, rungs, wide rungs	11
6.3 Bending test for steps, rungs, wide rungs.....	11
6.4 Platform and complete product test	12
6.5 Protection bending test.....	14
6.6 Side handrail testing	14
6.7 Stability test.....	14
6.8 Stiffness test	16
6.9 Test for products equipped with spring wheels.....	17
6.10 Kick-up test of the platform	18
6.11 Test of opening restraint devices	18
6.12 Test of hooks.....	18
6.13 Bottom stile end test	18
6.14 Feet pull test.....	18
6.15 Test method for plastic ladders	18
6.16 Marking durability	18
7 Marking, User and safety instruction	19
7.1 Marking	19
7.2 User Instruction	19
Bibliography	20

Foreword

This document (EN 131-7:2013) 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 2014, and conflicting national standards shall be withdrawn at the latest by January 2014.

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 is one of a series about ladders. The other Standards of this series are listed in Clause 2 and in the Bibliography.

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard defines terms and specifies the general design characteristics of mobile ladders with platform. It applies to mobile ladders with a working platform, with a maximum area of 1 m², and a maximum platform height of 5 m, to be used only by one person at the time. The maximum load is 150 kg which includes a maximum combined load of the user and any tools, equipment and materials

It does not apply to portable ladders according to EN 131-1, to portable ladders according to EN 131-4, to portable ladders for fire service use according to EN 1147, to loft ladders according to EN 14975, to step stools according to EN 14183, to Stairs, stepladders and guard-rails according to EN ISO 14122-3 and to insulating ladders according to EN 50528.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 131-3, *Ladders - Part 3: User Instructions*

3 Terms and definitions

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