



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 131-4:2007

ICS 97.145

**LADDERS - PART 4: SINGLE OR MULTIPLE
HINGE-JOINT LADDERS**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 131-4

May 2007

ICS 97.145

English Version

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

Echelles - Partie 4: Echelles articulées à articulations
simple et multiple

Leitern - Teil 4: Ein- oder Mehrgelenkleitern

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.

CEN members are the national standards bodies of 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.



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Foreword

This document (EN 131-4:2007) 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of an identical text or by endorsement, at the latest by November 2007, and conflicting national standards shall be withdrawn at the latest by November 2007.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 European Standard is one of a series about ladders. Other standards of this series are listed in Clause 2.

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.

EN 131-4:2007 (E)

1 Scope

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

This European Standard 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 and EN 131-2.

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 131-1:2007, *Ladders — Part 1: Terms, types, functional sizes*

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 terms and definitions given in EN 131-1:2007 and the following apply.

3.1

ladder hinged in the longitudinal direction

ladder with hinge-joints of which enable folding (manual or automatic) in the longitudinal direction

NOTE Excluding ladders covered in EN 131-1.

3.1.1

ladder with one lockable hinge joint device

ladder including a hinge-joint device with at least one predetermined lockable position

NOTE See Figures 1 and 2.

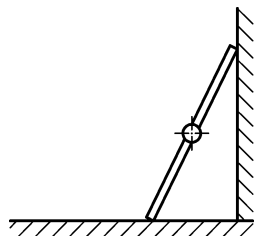


Figure 1 — Position as leaning ladder

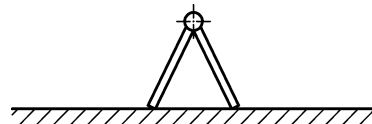


Figure 2 — Position as standing ladder

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