

REDELID. OSA 6: TELESKOOPREDELID

Ladders - Part 6: Telescopic ladders

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

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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.

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

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## European foreword

This document (EN 131-6:2019) 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of an identical text or by endorsement, at the latest by August 2019, and conflicting national standards shall be withdrawn at the latest by August 2019.

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

This document supersedes EN 131-6:2015.

In comparison with the previous edition, the following technical modifications have been made:

- a) strength test in position of use;
- b) durability test for the complete ladder added;
- c) asymmetrical bending test added;
- d) requirements specified in more detail and aligned with the EN 131 series.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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 organisations 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This document specifies the general design features, requirements and test methods and defines terms for leaning and standing telescopic ladders.

Ladders with extension elements are not covered by this part of EN 131.

This part of the standard is intended to be used in conjunction with EN 131-1, EN 131-2, EN 131-3 and if applicable EN 131-4.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 131-1:2015, *Ladders — Part 1: Terms, types, functional sizes*

EN 131-2:2010+A2:2017, *Ladders — Part 2: Requirements, testing, marking*

EN 131-3:2018, *Ladders — Part 3: Marking and user instructions*

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

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 131-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

### 3.1

#### **telescopic ladder**

ladder consisting of three or more rung/step sections with telescopic stiles

### 3.2

#### **hinge-joint telescopic ladder**

ladder including one or more hinge-joint devices with at least one predetermined lockable position

### 3.3

#### **rung/step section**

section of ladder that consists of one rung/step connected to two telescopic stiles

### 3.4

#### **rung/step bracket**

part that attaches the rung/step to the stile

### 3.5

#### **rung/step section locking mechanism**

mechanism that locks a rung/step section