

DIN EN 12572-1



ICS 97.220.10

Supersedes
DIN EN 12572-1:2007-07
See start of application

**Artificial climbing structures –
Part 1: Safety requirements and test methods for ACS with protection
points;
English version EN 12572-1:2017,
English translation of DIN EN 12572-1:2017-05**

Künstliche Kletteranlagen –
Teil 1: Sicherheitstechnische Anforderungen und Prüfverfahren für KKA mit
Sicherungspunkten;
Englische Fassung EN 12572-1:2017,
Englische Übersetzung von DIN EN 12572-1:2017-05

Structures artificielles d'escalade –
Partie 1: Exigences de sécurité et méthodes d'essai relatives aux SAE avec points d'assurance;
Version anglaise EN 12572-1:2017,
Traduction anglaise de DIN EN 12572-1:2017-05

Document comprises 32 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

Start of application

The start of application of this standard is 2017-05-01.

DIN EN 12572-1:2007-07 may be used in parallel until 2017-07-31.

National foreword

This standard includes safety requirements within the meaning of the *Produktsicherheitsgesetz* (ProdSG) (German Product Safety Act).

This document (EN 12572-1:2017) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and equipment” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Sport- und Freizeitgerät* (DIN Standards Committee Sports Equipment), Working Committee NA 112-01-08 AA “Artificial climbing structures”.

Where this standard has been identified by the *Ausschuss für Produktsicherheit* (German Committee for Product Safety) and reference to it has been published in the *Gemeinsames Ministerialblatt* (German Joint Ministerial Gazette) by the *Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (BAuA)* (German Federal Institute for Occupational Safety and Health), it is to be presumed that artificial climbing structures which comply with this standard fulfil the relevant health and safety requirements.

Amendments

This standard differs from DIN EN 12572-1:2007-07 as follows:

- a) normative references have been updated;
- b) terms and definitions have been revised and supplemented;
- c) Subclause 4.1 “Layout and placement of individual protection points” has been technically revised;
- d) Figure 3 (protection points at ramps) has been deleted;
- e) a note to Figure 6 (new Figure 5) has been included with an indication of the loading in kN;
- f) Subclauses 4.5 (new 4.4, “Impact test”) and 4.6 (new 4.5, “Resistance test”) have been technically revised;
- g) Figure 7 (new Figure 6, “Falling space”) has been technically revised;
- h) Subclauses 4.9 (new 4.8, “Free space”) and 4.10 (new 4.9, “Climbing surfaces”) have been revised;
- i) in Clause 6, “d) maximum additional load allowed per square meter for large removable elements” has been included;

- j) in subclause A2.1, “e) seismic loads” has been included;
- k) Table A.1 (“Loads”) has been shortened;
- l) Subclause A2.6 (“Seismic loads”) has been included;
- m) in Clause B.3, the load of climbing teams has been specified;
- n) Clause D.5 (“Maximum deflection”) has been included;
- o) Figure D.2 a) (“Set up of surface elements for impact test”) has been specified;
- p) Clauses E.1 (“General”) and E.4 (“Procedure”) have been technically revised;
- q) Figure E.1 (apparatus for resistance test) is more detailed;
- r) in subclauses F.2.2.1, F.2.2.2 and F.2.2.3, the test load has been changed from 8 kN to 6,6 kN;
- s) Subclause F.2.2.4 (anchor for a stance) has been deleted;
- t) the Bibliography has been updated;
- u) the standard has been editorially revised.

Previous editions

DIN EN 12572: 1999-02
DIN EN 12572-1: 2007-07

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