



SLOVENSKI STANDARD

oSIST prEN 12572-2:2025

01-september-2025

Umetne plezalne stene - 2. del: Varnostne zahteve in preskusne metode za balvanske stene

Artificial climbing structures - Part 2: Safety requirements and test methods for bouldering walls

Künstliche Kletteranlagen - Teil 2: Sicherheitstechnische Anforderungen und Prüfverfahren für Boulderwände

Structures artificielles d'escalade - Partie 2 : Exigences de sécurité et méthodes d'essai relatives aux pans et blocs d'escalade

Ta slovenski standard je istoveten z: prEN 12572-2

[oSIST prEN 12572-2:2025](#)

<http://standards.rekolat.com/catalog/standards/sist/5415269a-9746-4194-8767-218c71fcd6da/oSIST-prEN-12572-2-2025>

ICS:

97.220.10	Športni objekti	Sports facilities
-----------	-----------------	-------------------

oSIST prEN 12572-2:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 12572-2

July 2025

ICS 97.220.10

Will supersede EN 12572-2:2017

English Version

**Artificial climbing structures - Part 2: Safety requirements
and test methods for bouldering walls**

Structures artificielles d'escalade - Partie 2 : Exigences
de sécurité et méthodes d'essai relatives aux pans et
blocs d'escalade

Künstliche Kletteranlagen - Teil 2:
Sicherheitstechnische Anforderungen und
Prüfverfahren für Boulderwände

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 136.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

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

Contents

Page

European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Safety requirements and test methods.....	5
4.1 Maximum height for boulder walls	5
4.2 Impact absorbing material	5
4.2.1 General.....	5
4.2.2 Impact attenuation.....	6
4.3 Impact area	6
4.3.1 Size of the impact area	6
4.3.2 Position of foam safety mats	8
4.4 Connection of modular foam safety mat elements	8
4.5 Structural integrity	8
4.6 Impact resistance and deflection of surface elements	9
4.7 Panel insert resistance.....	9
4.8 Falling space	9
4.9 Climbing surfaces.....	9
5 Marking	9
6 Instruction manual.....	10
7 Technical documentation of ACS.....	10
8 Technical documentation of the impact area	10
9 Inspection and maintenance for ACS and/or impact area	11
9.1 General.....	11
9.2 Instructions.....	11
9.2.1 General.....	11
9.2.2 Routine visual inspection	11
9.2.3 Operational inspection	11
9.2.4 Main inspection	11
9.3 Further instructions	12
Annex A (normative) Effects	13
Annex B (normative) Method of calculation of structural integrity and stability	15
Annex C (normative) Testing of shock absorbing surfaces.....	17
Annex D (normative) Test of surface elements.....	18
Annex E (normative) Panel insert resistance test.....	21
Annex F (normative) Testing of the impact area connecting system	23
Bibliography	25