



SLOVENSKI STANDARD
SIST EN 14501:2021/oprA1:2024
01-maj-2024

Rolete in polkna - Toplotno in vizualno ugodje - Delovne karakteristike in klasifikacija - Dopolnilo A1

Blinds and shutters - Thermal and visual comfort - Performance characteristics and classification

Abschlüsse - Thermischer und visueller Komfort - Leistungsanforderungen und Klassifizierung

Stores et volets - Confort thermique et visuel - Caractéristiques de performance et classification

Ta slovenski standard je istoveten z: EN 14501:2021/prA1

[SIST EN 14501:2021/oprA1:2024](http://standards.sist.si/standards/sist-en-14501-2021-oprA1-2024)

ICS:

91.060.50 Vrata in okna Doors and windows

SIST EN 14501:2021/oprA1:2024 en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 14501:2021
prA1

March 2024

ICS 91.060.50

English Version

Blinds and shutters - Thermal and visual comfort - Performance characteristics and classification

Fermetures et stores - Confort thermique et lumineux -
Caractérisation des performances et classification

Abschlüsse - Thermischer und visueller Komfort -
Leistungsanforderungen und Klassifizierung

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 33.

This draft amendment A1, if approved, will modify the European Standard EN 14501:2021. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment 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 Modification to Annex A (normative), “Reference glazing”	4

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[SIST EN 14501:2021/oprA1:2024](https://standards.iteh.ai/catalog/standards/sist/cf2c862c-fe07-4ab0-a698-73f421d51665/sist-en-14501-2021-opra1-2024)

<https://standards.iteh.ai/catalog/standards/sist/cf2c862c-fe07-4ab0-a698-73f421d51665/sist-en-14501-2021-opra1-2024>

European foreword

This document (EN 14501:2021/prA1:2024) has been prepared by Technical Committee CEN/TC 33 “Doors, windows, shutters, building hardware and curtain walling”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document amends EN 14501:2021, through the following technical modification:

- Replacement of the Annex A.

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[SIST EN 14501:2021/oprA1:2024](https://standards.iteh.ai/catalog/standards/sist/cf2c862c-fe07-4ab0-a698-73f421d51665/sist-en-14501-2021-opra1-2024)

<https://standards.iteh.ai/catalog/standards/sist/cf2c862c-fe07-4ab0-a698-73f421d51665/sist-en-14501-2021-opra1-2024>

EN 14501:2021/prA1:2024 (E)

1 Modification to Annex A (normative), “Reference glazing”

Replace the current Annex A with the following:

“

Annex A
(normative)

Reference glazing

A.1 General

For global product comparisons (glazing unknown) of shutters, external and internal blinds the reference glazing defined in A.2 and A.3 shall be used.

NOTE Considering the type of calculations for which the use of the data in this annex is intended, the corrected emissivity values have been considered.

A.2 Reference glazing with integrated data only**A.2.1 Glazing A**

Clear single glazing (4 mm).

Thermal properties and integrated solar and visual data of glazing A and of the individual pane are presented in Tables A.1 and A.2.

Table A.1 — Glazing A — Thermal properties and integrated solar and visual data

U W/(m ² K)	g	τ_e	ρ_e	ρ'_e	τ_v	ρ_v	ρ'_v
5,8	0,85	0,83	0,08	0,08	0,90	0,08	0,08

Table A.2 — Glazing A — Optical properties of the single glass pane

	Single pane
τ_e	0,83
ρ_e	0,08
ρ'_e	0,08
ε	0,84
ε'	0,84
τ_v	0,90
ρ_v	0,08
ρ'_v	0,08