

**Ehitusklaas. Termiliselt karastatud leelis-
räniturvaklaas. Osa 2:
Vastavushindamine/Tootestandard**

Glass in building - Thermally toughened alkaline
earth silicate safety glass - Part 2: Evaluation of
conformity/Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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| <p>Käesolev Eesti standard EVS-EN 14321-2:2005 sisaldab Euroopa standardi EN 14321-2:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 29.09.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p> | <p>This Estonian standard EVS-EN 14321-2:2005 consists of the English text of the European standard EN 14321-2:2005.</p> <p>This document is endorsed on 29.09.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p> |
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| <p>Käsitlusala: This European Standard covers the evaluation of conformity and the factory production control of flat thermally toughened alkaline earth silicate safety glass for use in buildings.</p> | <p>Scope: This European Standard covers the evaluation of conformity and the factory production control of flat thermally toughened alkaline earth silicate safety glass for use in buildings.</p> |
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ICS 81.040.20

Võtmesõnad: depth, measurement, physical pro, resistance, safety glass, shallow, silicate, soda-lime-glass, specification (approval), specifications, straightness, testing, thermal, tolerances, tolerances (measurement), toughened safety glass, ultimate behaviour, wired glass

ICS 81.040.20

English version

Glass in building - Thermally toughened alkaline earth silicate safety glass - Part 2: Evaluation of conformity/Product standard

Verre dans la construction - Verre alcalinoterreux de sécurité trempé thermiquement - Partie 2 : Evaluation de la conformité/Norme produit

Glas im Bauwesen - Thermisch vorgespanntes Erdalkali-Silicat-Einscheibensicherheitsglas - Teil 2: Konformitätsbewertung/Produktnorm

This European Standard was approved by CEN on 27 June 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Contents

| | Page |
|---|------|
| Foreword | 3 |
| 1 Scope | 4 |
| 2 Normative references | 4 |
| 3 Terms and definitions | 5 |
| 4 Requirements | 5 |
| 5 Evaluation of conformity | 10 |
| 6 Marking and labelling | 16 |
| Annex A (normative) Factory production control | 17 |
| Annex B (informative) Tests for factory production control | 23 |
| Annex C (informative) Provisions for voluntary involvement of third party(ies) | 25 |
| Annex ZA (normative) Clauses of this European Standard addressing the provisions of EU Construction Products Directive | 26 |
| Bibliography..... | 36 |

Foreword

This European Standard (EN 14321-2:2005) has been prepared by Technical Committee CEN/TC 129 "Glass in building", the secretariat of which is held by IBN.

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 February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 89/106/EEC.

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

No existing European Standard is superseded.

This Part of the European Standard does not stand alone, it is a part of one standard:

- EN 14321-1: Glass in Building – Thermally toughened alkaline earth silicate safety glass – Part 1: Definition and description
- EN 14321-2: Glass in Building - Thermally toughened alkaline earth silicate safety glass – Part 2: Evaluation of conformity/Product standard

This document contains other aspects of importance of trade.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This European Standard covers the evaluation of conformity and the factory production control of flat thermally toughened alkaline earth silicate safety glass for use in buildings.

NOTE 1 This also includes requirements subject to regulation.

NOTE 2 For glass products with electrical wiring or connections for e.g. alarm or heating purposes, this European Standard covers only wiring subject for electrical potential difference to earth less than 50 V a.c. or less than 75 V d.c.

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 356, *Glass in Building – Security glazing – Testing and classification of resistance against manual attack.*

EN 410, *Glass in Building – Determination of luminous and solar characteristics of glazing.*

EN 673, *Glass in Building – Determination of thermal transmittance (U-value) – Calculation method.*

EN 1063, *Glass in Building – Security glazing – Testing and classification of resistance against bullet attack.*

EN 1096-1, *Glass in Building – Coated glass – Part 1: Definitions and classification*

EN 1096-2, *Glass in building – Coated glass – Part 2: Requirements and test methods for class A, B and S coatings.*

EN 1096-3, *Glass in building – Coated glass – Part 3: Requirements and test methods for class C and D coatings.*

EN 12600, *Glass in Building – Pendulum test – Impact test method and classification for flat glass.*

EN 12758, *Glass in Building – Glazing and airborne sound insulation – Product descriptions and determination of properties.*

EN 12898, *Glass in Building – Determination of the emissivity.*

prEN 13474 (all parts), *Glass in building – Design of glass panes.*

EN 13501-1, *Fire classification of construction products and building elements – Part 1: Classification using test data from reaction to fire tests.*

EN 13501-2, *Fire classification of construction products and building elements – Part 2: Classification using test data from fire resistance tests.*

prEN 13501-5, *Fire classification of construction products and building elements – Part 5: Classification using test data from fire exposure to roof tests.*

EN 13541, *Glass in Building – Security glazing – Testing and classification of resistance against explosion pressure.*

EN 14178-1, *Glass in Building – Basic alkaline earth silicate glass products – Part 1: Float glass.*

EN 14321-1:2005, *Glass in Building – Thermally toughened alkaline earth silicate safety glass – Part 1: Definition and description.*