

საქართველოს ეროვნული სტანდარტი

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English version

Glass in building - Basic soda lime silicate glass products - Part 9: Evaluation of conformity/Product standard

Verre dans la construction - Verre de silicate sodo-calciq
de base - Partie 9: Evaluation de la conformité

Glas im Bauwesen - Basiserzeugnisse aus Kalk-
Natronsilicatglas - Teil 9: Konformitätsbewertung

This European Standard was approved by CEN on 27 May 2004.

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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Foreword

This document (EN 572-9:2004) 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of an identical text or by endorsement, at the latest by April 2005, and conflicting national standards shall be withdrawn at the latest by July 2006.

This document 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(s).

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

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.

No existing document is superseded

This part of the document does not stand-alone, it is a part of one document:

- EN 572-1: *Glass in building – Basic soda lime silicate glass products – Part 1: Definition and general physical and mechanical properties*
- EN 572-2: *Glass in building – Basic soda lime silicate glass products - Part 2: Float glass*
- EN 572-3: *Glass in building – Basic soda lime silicate glass products – Part:3 Polished wired glass*
- EN 572-4: *Glass in building – Basic soda lime silicate glass products – Part 4: Drawn sheet glass*
- EN 572-5: *Glass in building – Basic soda lime silicate glass products- Part 5: Patterned glass*
- EN 572-6: *Glass in building – Basic soda lime silicate glass products- Part 6: Wired patterned glass*
- EN 572-7: *Glass in building – Basic soda lime silicate glass products – Part 7: Wired or unwired channel shaped glass*
- EN 572-8: *Glass in building – Basic soda lime silicate glass products – Part 8: Supplied and final cut sizes*
- EN572-9: *Glass in building – Basic soda lime silicate glass products- Part 9 Evaluation of conformity/Product standard*

This part of this document details the evaluation of conformity, which includes initial type testing of the essential characteristics, initial type testing if the product belongs to the intended product group, and the organisation of the factory production control, and is in line with the draft Mandate for flat glass, profiled glass and glass block products.

This document contains other aspects of importance of trade.

1 Scope

This document covers the evaluation of conformity and the factory production control of basic soda lime silicate glass products for use in buildings.

Note: For glass products with electrical wiring or connections for, e.g. alarm or heating purposes, other directives, e.g. Low Voltage Directive, may apply.

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 572-1, *Glass in building - Basic soda lime silicate glass products - Part 1: Definitions and general physical and mechanical properties*

EN 572-2, *Glass in building - Basic soda lime silicate glass products - Part 2 Float glass*

EN 572-3, *Glass in building - Basic soda lime silicate glass products - Part 3: Polished wired glass*

EN 572-4, *Glass in building - Basic soda lime silicate glass products - Part 4: Drawn sheet glass*

EN 572-5, *Glass in building - Basic soda lime silicate glass products - Part 5: Patterned glass*

EN 572-6, *Glass in building - Basic soda lime silicate glass products - Part 6: Wired patterned glass*

EN 572-7, *Glass in building - Basic soda lime silicate glass products - Part 7: Wired or unwired channel shaped glass*

EN 572-8, *Glass in building - Basic soda lime silicate glass products - Part 8: Supplied and final cut sizes*

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 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*

prEN 13474, *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 data from fire resistance tests, excluding ventilation services*

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

EN 13541, *Glass in building - Security glazing - Testing and classification of resistance against explosion pressure*

3 Terms and definitions

For the purposes of this document, the terms and definitions in EN 572 –1, 2, 3, 4, 5, 6, 7 and 8 and the following apply.

3.1

initial type testing

determination of the performance of a product (characteristic, durability), on the basis of either actual tests or other procedures (such as conventional, standardised, tabulated or general accepted values, standardised or recognised calculation methods, test reports when made available.), in accordance with this document that demonstrates compliance with this document

3.2

test report

document that covers the results of tests undertaken on a representative sample of the product from production or on a prototype design of the product

3.3

product description

document that details the relevant parameters, e.g. process conditions, structure, etc., for defining a product that complies with the standard. It includes specific reference(s) to characteristics that are modified by the production process

3.4

significant change

variation in performance beyond the permitted tolerance for the characteristic

4 Requirements

4.1 Conformity with the definition of basic soda lime silicate glass products

Products shall conform to the definition and fulfil the requirements of basic soda lime silicate glass products as defined in EN 572-1.

4.2 Determination of the characteristic's performances

4.2.1 Characteristics of basic soda lime silicate glass

Basic soda lime silicate glass products are made in accordance with EN 572-1 and one of the other Parts: EN 572-2, EN 572-3, EN 572-4, EN 572-5, EN 572-6, or EN 572-7. The characteristics listed in Table 1, concern general accepted values, calculated values or measured values.