



SLOVENSKI STANDARD
SIST EN 572-1:2012/kFprA1:2015
01-julij-2015

**Steklo v gradbeništvu - Osnovni izdelki iz natrij-kalcijevega silikatnega stekla - 1.
del: Definicije in splošne fizikalne in mehanske lastnosti**

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

Glas im Bauwesen - Basiserzeugnisse aus Kalk-Natronsilicatglas - Teil 1: Definitionen und allgemeine physikalische und mechanische Eigenschaften

Verre dans la construction - Produits de base: verre de silicate sodo-calcique - Partie 1: Définitions et propriétés physiques et mécaniques générales

Ta slovenski standard je istoveten z: EN 572-1:2012/FprA1

ICS:

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81.040.20	Steklo v gradbeništvu	Glass in building

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English Version

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

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This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 129.

This draft amendment A1, if approved, will modify the European Standard EN 572-1:2012. 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.

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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.

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

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Foreword

This document (EN 572-1:2012/FprA1:2015) has been prepared by Technical Committee CEN/TC 129 “Glass in building”, the secretariat of which is held by NBN.

This document is currently submitted to the Unique Acceptance Procedure.

EN 572-1:2012/FprA1:2015 (E)

1 Modification to 5.1, General

Replace the whole text with the following:

"The basic glass products covered by this European Standard are all manufactured from soda-lime silicate glass.

The magnitude of the proportions by mass of the principal constituents of soda-lime silicate glass covered by this European Standard is given in Table 1, see also Annex A:

Table 1 — Magnitude of the proportions by mass of the constituents of soda-lime silicate glass

Constituents	Proportion by mass of element
Silicon (Si)	32 % – 35 %
Calcium (Ca)	3,5 % – 10,1%
Sodium (Na)	7,4 % – 11,9%
Magnesium (Mg)	0 % – 3,7%
Aluminium (Al)	0 % – 1,6%
Others ^a	< 5%
^a Properties other than photometric characteristics shall not be significantly altered by these other components	

And update all cross references to tables.

2 Addition of an informative Annex A

Add the following annex:

Annex A (informative)

Complementary information related to REACH

Soda-lime silicate glass is an amorphous inorganic substance obtained from different inorganic raw materials which react at high temperature to form a new random network, where different elements are linked together, typically by oxygen bridges, arranged in such a way that no free oxides are present.

Under the REACH Regulation (Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006) glass is considered as a UVCB substance (substance of unknown or variable composition, complex reaction products or biological materials).

NOTE 1 Soda-lime silicate glass may benefit from exemption from the obligation to register in accordance with article 2(7) (b) of REACH (Commission Regulation (EC) No 987/2008).

NOTE 2 Glass products covered by this standard are "articles" in accordance with article 3(3) of REACH (Regulation (EC) No 1907/2006).

Soda-lime silicate glass can better be identified by the chemical formula:



Where

$$s = n/2 + o + p + 3 q/2 + \dots + 2 m$$