



SLOVENSKI STANDARD
kSIST FprEN 15683-2:2013
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Steklo v gradbeništvu - Toplotno kaljeno natrij-kalcijevo silikatno utorjeno varnostno steklo - 2. del: Ovrednotenje skladnosti/standard za izdelek

Glass in building - Thermally toughened soda lime silicate channel shaped safety glass - Part 2: Evaluation of conformity/Product standard

Glas im Bauwesen - Thermisch vorgespanntes Kalknatron-Profilbau-Sicherheitsglas - Teil 2: Konformitätsbewertung/Produktnorm

Verre dans la construction - Verre de silicate sodo-calcique profilé de sécurité trempé thermiquement - Partie 2 : Evaluation de la conformité/Norme de produit

Ta slovenski standard je istoveten z: FprEN 15683-2

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**Glass in building - Thermally toughened soda lime silicate
channel shaped safety glass - Part 2: Evaluation of
conformity/Product standard**

Verre dans la construction - Verre de silicate sodo-calcique
profilé de sécurité trempé thermiquement - Partie 2 :
Evaluation de la conformité/Norme de produit

Glas im Bauwesen - Thermisch vorgespanntes Kalknatron-
Profilbau-Sicherheitsglas - Teil 2:
Konformitätsbewertung/Produktnorm

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

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.

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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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FprEN 15683-2:2012 (E)**Foreword**

This document (FprEN 15683-2:2012) 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.

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, which is an integral part of this document.

EN 15863 is composed of the following parts:

- FprEN 15683-1, *Glass in building — Thermally toughened soda lime silicate channel shaped safety glass — Part 1: Definition and description*;
- FprEN 15683-2, *Glass in building — Thermally toughened soda lime silicate channel shaped safety glass — Part 2: Evaluation of conformity/Product standard*.

This document contains other aspects of importance of trade.

1 Scope

This European Standard covers the evaluation of conformity and the factory production control of thermally toughened soda lime silicate channel shaped safety glass for use in buildings.

This also includes requirements subject to regulation.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 572-7, *Glass in building — Basic soda lime silicate glass products — Part 7: Wired or unwired channel shaped glass*

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 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*

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using 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*

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

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

FprEN 15683-1:2012, *Glass in building — Thermally toughened soda lime silicate channel shaped safety glass — Part 1: Definition and description*

FprEN 15683-2:2012 (E)

3 Terms and definitions

For the purpose of this document, the terms and definitions given in FprEN 15683-1:2012 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

[SOURCE: EN 572-9:2004, 3.1]

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

[SOURCE: EN 572-9:2004, 3.2]

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

[SOURCE: EN 572-9:2004, 3.3]

3.4 significant change
variation in performance beyond the permitted tolerance for the characteristic

[SOURCE: EN 572-9:2004, 3.4]

3.5 plank
length of channel shaped glass

4 Requirements

4.1 Product description

For conformity purposes the thermally toughened soda lime silicate channel shaped glass manufacturer is responsible for the preparation and maintenance of the product description. This description shall describe the product and/or product families.

Disclosure of the product description shall be at the discretion of the thermally toughened glass manufacturer or his agent except in the case of regulatory requirements.

The description shall contain at least a normative part. The description may also contain an informative part, when the manufacturer foresees further development of the product.

The normative part of the description shall contain the following minimum information:

- a reference to FprEN 15683-1 and FprEN 15683-2 and all other standards with which the manufacturer claims compliance;