SLOVENSKI STANDARD
kSIST FprEN 572-8:2012

01-januar-2012

Steklo v gradbeništvu - Osnovni izdelki iz natrij-kalcijevega silikatnega stekla - 8. del: Dobavljene in končne velikosti razreza

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

Glas im Bauwesen - Basiserzeugnisse aus Kalk-Natronsilicatglas - Teil 8: Liefermaße und Festmaße

Verre dans la construction - Produits verriers de silicate sodo-calcique de base - Partie 8: Mesures livrées et mesures découpées finales

Ta slovenski standard je istoveten z: **FprEN 572-8**

ICS:

81.040.20	Steklo v gradbeništvu	Glass in building

kSIST FprEN 572-8:2012 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

FINAL DRAFT
FprEN 572-8

November 2011

ICS 81.040.20

Will supersede EN 572-8:2004

English Version

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

Verre dans la construction - Produits verriers de silicate sodo-calcique de base - Partie 8: Mesures livrées et mesures découpées finales

Glas im Bauwesen - Basiserzeugnisse aus Kalk-Natronsilicatglas - Teil 8: Liefermaße und Festmaße

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.

This draft European Standard 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 (FprEN 572-8:2011) 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 will supersede EN 572-8:2004.

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).

This European Standard “*Glass in building — Basic soda lime silicate glass products*” consists of the following parts:

— Part 1: Definitions and general physical and mechanical properties;

— Part 2: Float glass;

— Part 3: Polished wired glass;

— Part 4: Drawn sheet glass;

— Part 5: Patterned glass;

— Part 6: Wired patterned glass;

— Part 7: Wired or unwired channel shaped glass;

— Part 8: Supplied and final cut sizes;

— Part 9: Evaluation of conformity/Product standard.

Annexes A and B are normative.

1 Scope

This European Standard specifies dimensional and minimum quality requirements (in respect of optical and visual faults) for basic soda lime silicate glass products, as defined in FprEN 572-1:2011, for use in building. It applies to supplied sizes or cut sizes for final end use.

This European Standard does not apply to final cut sizes having a dimension less than 100 mm or a surface area less than 0,05 m².

This European Standard does not apply to float glass supplied as jumbo, split sizes or oversize plates, see FprEN 572-2:2011, or to polished wired glass, drawn sheet glass, patterned glass and patterned wired glass supplied as stock sizes, see FprEN 572-3:2011, FprEN 572-4:2011, FprEN 572-5:2011 and FprEN 572-6:2011.

This European Standard does not apply to final cut sizes of wired or unwired channel shaped glass, see EN 572-7.

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.

FprEN 572-1:2011, *Glass in building — Basic soda lime silicate glass products — Part 1: Definitions and general physical and mechanical properties*

FprEN 572-2:2011, *Glass in building — Basic soda lime silicate glass products — Part 2: Float glass*

FprEN 572-3:2011, *Glass in building — Basic soda lime silicate glass products — Part 3: Polished wired glass*

FprEN 572-4:2011, *Glass in building — Basic soda lime silicate glass products — Part 4: Drawn sheet glass*

FprEN 572-5:2011, *Glass in building — Basic soda lime silicate glass products — Part 5: Patterned glass*

FprEN 572-6:2011, *Glass in building — Basic soda lime silicate glass products — Part 6: Wired patterned glass*

3 Terms and definitions

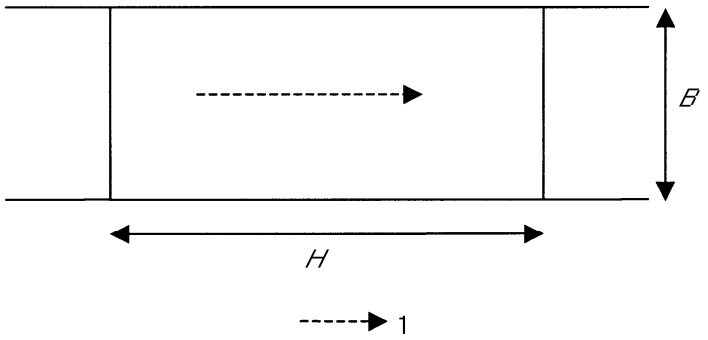
For the purposes of document, the terms and definitions given in FprEN 572-1:2011, FprEN 572-2:2011, FprEN 572-3:2011, FprEN 572-4:2011, FprEN 572-5:2011 and FprEN 572-6:2011 and the following apply.

3.1
supplied size
pane of glass that has been supplied either as raw material for further processing and/or cutting down to a size for installation

NOTE This is a size outside those given in FprEN 572-2:2011, FprEN 572-3:2011, FprEN 572-4:2011, FprEN 572-5:2011 and FprEN 572-6:2011, i.e. jumbo, split sizes or oversize plates for float glass and supplied sizes for polished wired, drawn sheet, patterned and wired patterned glass.

3.2
final cut size
pane of glass that has been cut down to the dimensions being required either for installation or processing into a final product, e.g. insulating glass units, thermally toughened safety glass, of those dimensions

3.3
length, *H*, and width, *B*
defined with reference to the direction of draw of the glass ribbon as shown in Figures 1 and 2



Key
1 direction of draw

Figure 1 — Relationship between length, width and direction of draw for float, polished wired, patterned and wired patterned glass

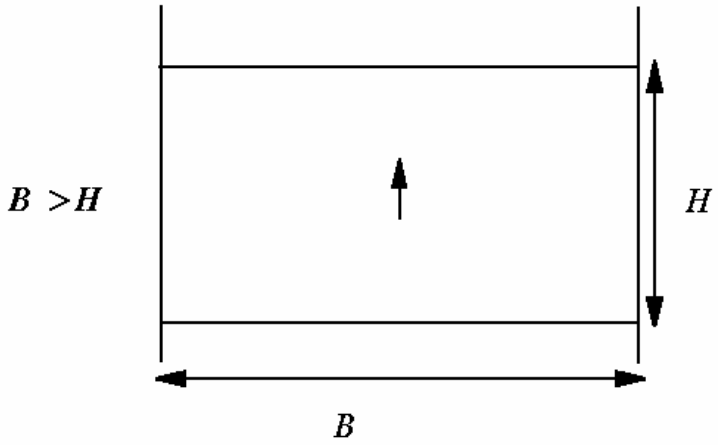


Figure 2 — Relationship between length, width and direction of draw for drawn sheet glass

3.4
optical fault
fault which leads to distortions in the appearance of objects observed through the glass

3.5
visual fault
fault which alters the visual quality of the glass

NOTE Visual faults include spot faults and linear/extend faults with patterned faults and/or wire faults depending on type of product.

3.6
spot fault
spherical or quasi-spherical faults which are produced by differing mechanisms and are defined for a specific glass product type/manufacturing process

3.6.1
spot fault
(float glass) nucleus which is sometimes accompanied by a halo of distorted glass

[FprEN 572-2:2011, 3.6]

3.6.2
halo
area locally distorted, generally around a point defect

[FprEN 572-2:2011, 3.7]

3.6.3
spherical or quasi-spherical spot fault
(polished wired, patterned and wired patterned glass) spot fault whose larger dimension is less than or equal to twice the smaller dimension

[FprEN 572-3:2011, 3.5; FprEN 572-5:2011, 3.4; FprEN 572-6:2011, 3.4]

3.6.4
elongated spot fault
(polished wired, patterned and wired patterned glass) spot fault whose larger dimension is more than twice the smaller dimension

[FprEN 572-3:2011, 3.6; FprEN 572-5:2011, 3.5; FprEN 572-6:2011, 3.5]

3.6.5
spot fault
(drawn sheet glass) gaseous inclusion or other spot fault, e.g. solid inclusion, mark or deposit of small size

[FprEN 572-4:2011, 3.8]

3.7
concentration, c
(drawn sheet glass) sum of the lengths of gaseous inclusions > 1,0 mm in any circle of 400 mm diameter

[FprEN 572-4:2011, 3.11]

3.8
linear/extended fault
fault which can be on or in the glass, in the form of deposits, marks or scratches that occupy an extended length or area

3.9
pattern fault
(patterned and wired patterned glass) deviation of the pattern relative to a reference, e.g. line or straight edge

[FprEN 572-5:2011, 3.7; FprEN 572-6:2011, 3.7]

3.10
deviation of the pattern
(patterned and wired patterned glass) deviation, x, of the pattern

[FprEN 572-5:2011, 3.8; FprEN 572-6:2011, 3.8]