



SLOVENSKI STANDARD
kSIST FprEN 572-7:2012

01-januar-2012

**Steklo v gradbeništvu - Osnovni izdelki iz natrij-kalcijevega silikatnega stekla - 7.
del: Žično in brezžično utorjeno steklo**

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

Glas im Bauwesen - Basiserzeugnisse aus Kalk-Natronsilicatglas - Teil 7: Profilbauglas mit oder ohne Drahteinlage

Verre dans la construction - Produits de base: verre de silicate sodo-calcique - Partie 7: Verre profilé armé ou non armé

Ta slovenski standard je istoveten z: FprEN 572-7

ICS:

81.040.20 Steklo v gradbeništvu Glass in building

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EUROPEAN STANDARD
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FINAL DRAFT
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Will supersede EN 572-7:2004

English Version

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

Verre dans la construction - Produits de base: verre de silicate sodo-calcique - Partie 7: Verre profilé armé ou non armé

Glas im Bauwesen - Basiserzeugnisse aus Kalk-Natronsilicatglas - Teil 7: Profilbauglas mit oder ohne Drahteinlage

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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Foreword

This document (FprEN 572-7:2011) 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 572-7:2004.

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.

FprEN 572-7:2011 (E)

1 Scope

This European Standard specifies dimensional and minimum quality requirements (in respect of visual and wire faults) for channel shaped glass, as defined in FprEN 572-1:2011, for use in building.

This European Standard covers channel shaped glass supplied in stock sizes and final cut sizes.

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*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in FprEN 572-1:2011 and the following apply.

3.1

patterned channel shaped glass

channel shaped glass with a pattern on the web surface

NOTE 1 A number of different patterns are available.

NOTE 2 The pattern may be on one or both surfaces of the web.

3.2

wired channel shaped glass

channel shaped glass which has a wire inlay in the web, i.e. across the width, B , which runs in the direction of the length, H

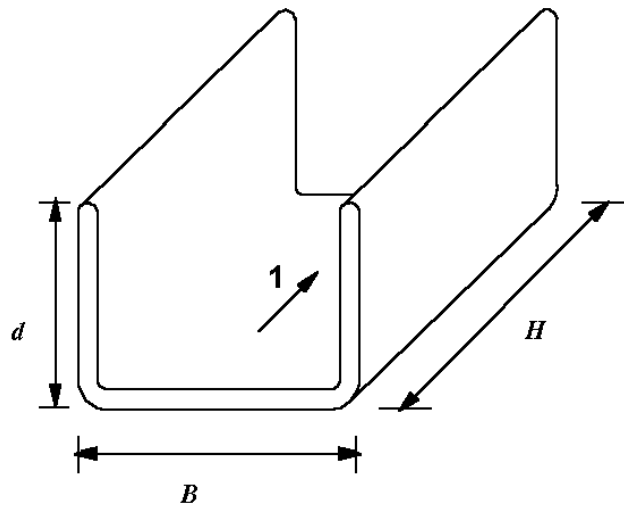
NOTE Additional wires may also be in the flanges.

3.3

length, H , width, B , and flange height, d

defined with reference to the direction of draw of the glass ribbon as shown in Figure 1

NOTE All corners are rounded.

**Key**

1 direction of draw

Figure 1 — Relationship between U-channel dimensions and direction of draw

3.4**stock sizes**

glass delivered in the following sizes:

- nominal length, H : supplied in multiples of 250 mm;
- nominal width, B : range from 232 mm to 498 mm;
- nominal height of flange, d : either 41 mm or 60 mm

NOTE 1 Maximum length, H , available: 7 000 mm.

NOTE 2 Not all widths, B , are available with all flange heights, d .

3.5**visual fault**

fault which alters the visual quality of the glass

NOTE Visual faults include bubbles, ream, scratches and inclusions and where applicable wire faults.

3.6**flange deviation**

deviation, z , of flange from the vertical

NOTE See Figure 2.

3.7**wire fault**

deviation of the wire, penetration of the glass surface by the wire or break in the wire in the body of the glass

3.8**deviation of the wire**

deviation, y , of the wire relative to a reference, e.g. line or straight edge

NOTE See Figure 4.

4 Dimensional requirements

4.1 Method of measurement

4.1.1 Width, B , and height of flange, d

These are measured at both cut ends of the piece using a vernier calliper with an accuracy of 0,1 mm.

4.1.2 Length, H

This is measured at the centre of the web.

4.1.3 Thickness, c

The actual thickness is measured at both cut ends. Measurements, to an accuracy of 0,1 mm, are made in the centre of the web and flanges. Measurement should be made by means of an instrument of the plate gauge type with a diameter of $50 \text{ mm} \pm 5 \text{ mm}$.

4.1.4 Flange deviation

The deviation of the flange, z , from perpendicular to the web is determined with a right angle, as shown in Figure 2.

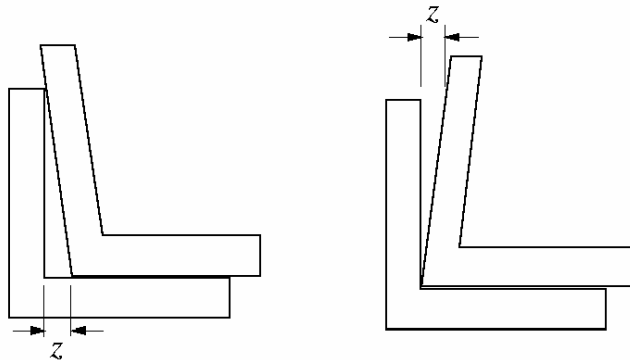


Figure 2 — Determination of flange deviation