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# Glass in building — Basic soda lime silicate glass products —

## Part 3: Polished wired glass

*Verre dans le bâtiment — Produits de base: Verre de silicate sodo-calcique —*

*Partie 3: Verre armé poli*

Reference number
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# Contents

Page

**Foreword** ..... **iv**

**1 Scope** ..... **1**

**2 Normative references** ..... **1**

**3 Terms and definitions** ..... **1**

**4 Dimensional requirements** ..... **3**
4.1 Thickness ..... 3
4.1.1 General ..... 3
4.1.2 Tolerance ..... 3
4.2 Length, width and squareness ..... 3
4.3 Wire mesh ..... 3
4.3.1 Diameter of wires ..... 3
4.3.2 Mesh dimension ..... 3

**5 Quality requirements** ..... **4**
5.1 General ..... 4
5.2 Methods of observation and measurement ..... 4
5.2.1 Optical faults ..... 4
5.2.2 Visual faults ..... 4
5.2.3 Edge defects for final cut sizes ..... 6
5.3 Acceptance levels ..... 7
5.3.1 Optical faults ..... 7
5.3.2 Visual faults ..... 7
5.3.3 Edge defects for final cut sizes ..... 9

**6 Designation** ..... **9**

**Bibliography** ..... **10**

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# Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/TC 160, *Glass in building*, Subcommittee SC 1, *Product considerations*.

A list of all parts in the ISO 16293 series can be found on the ISO website.


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# Glass in building — Basic soda lime silicate glass products —

# Part 3: Polished wired glass

## 1 Scope

This document specifies dimensional and minimum quality requirements (in respect of optical, visual and wire faults) for polished wired glass, as defined in ISO 16293-1, for use in building.

This document applies only to polished wired glass supplied in rectangular panes, in stock sizes and final cut sizes.

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 16293-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

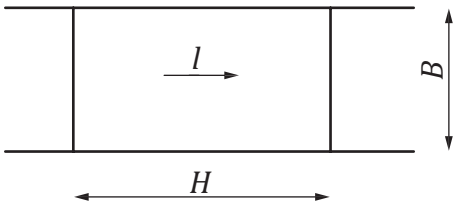
— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

**3.1**
**length**
*H*
dimension of the straight edge of the glass parallel to the direction of draw of the glass ribbon

Note 1 to entry: See Figure 1.

[SOURCE: ISO 11485-1:2011, 2.26, modified]




**Key**

*l* direction of draw
*H* length
*B* width

**Figure 1 — Relationship between length, width and direction of draw**

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**3.2**
**width**
*B*
dimension of the edge of the glass perpendicular to the direction of the glass ribbon

Note 1 to entry: See Figure 1.

**3.3**
**stock size**
glass sizes that are intended to be re-cut to obtain *final cut sizes* (3.4)

**3.4**
**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, of those dimensions

**3.5**
**optical faults**
faults which lead to distortions in the appearance of objects observed through the glass

**3.6**
**visual faults**
faults which alter the visual quality of the glass

Note 1 to entry: Visual faults include spot faults, linear/extended faults and wire faults.

**3.7**
**spot fault**
fault which can be in or on the glass in the form of gaseous inclusion, solid inclusion, mark or deposit of small size

**3.8**
**spherical or quasi-spherical spot faults**
*spot faults* (3.7) whose larger dimension is less than or equal to twice the smaller dimension

**3.9**
**elongated spot faults**
*spot faults* (3.6) whose lager dimension is more than twice the smaller dimension

**3.10**
**linear/extended faults**
faults which can be on or in the glass, in the form of deposits, marks or scratches which occupy any extended long area

**3.11**
**wire faults**
deviation of the wire, penetration of the glass surface by the wire or break in the wire in body of the glass

**3.12**
**deviation of the wire**
deviation, *x*, *y* or *z*, of the wire in relation to a reference, e.g. line or straight edge (see Figure 3)

**3.13**
**edge defect**
defect which can occur on the edge of a glass sheet in the form of entrant and emergent faults and/or bevels


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