



NSAI
Standards

Irish Standard
I.S. EN 15681-2:2017

Glass in Building - Basic alumino silicate glass products - Part 2: Product standard

I.S. EN 15681-2:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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This document is based on:

EN 15681-2:2017

Published:

2017-02-15

This document was published under the authority of the NSAI and comes into effect on:

2017-03-06

ICS number:

81.040.20

NOTE: If blank see CEN/CENELEC cover page

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National Foreword

I.S. EN 15681-2:2017 is the adopted Irish version of the European Document EN 15681-2:2017, Glass in Building - Basic alumino silicate glass products - Part 2: Product standard

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EUROPEAN STANDARD

EN 15681-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2017

ICS 81.040.20

English Version

Glass in Building - Basic alumino silicate glass products - Part 2: Product standard

Verre dans la construction - Produits de base : Verre
alumino silicaté - Partie 2 : Norme de Produit

Glas im Bauwesen - Basiserzeugnisse aus Alumo-
Silicatglas - Teil 2: Produktnorm

This European Standard was approved by CEN on 25 December 2016.

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Contents	Page
European foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements	7
4.1 Product description	7
4.2 Determination of the characteristic's performances	7
4.2.1 Characteristics of basic alumino silicate glass products	7
4.2.2 Determination of the characteristics of basic alumino silicate glass products	8
4.3 Characteristics other than listed in 4.2	11
4.4 Dangerous substances	11
5 Assessment and verification of constancy of performance – AVCP	11
5.1 General	11
5.2 Determination of the product type (see 5.1, 1)	12
5.2.1 General	12
5.2.2 Type testing of characteristic's performances	12
5.2.3 Test reports	12
5.2.4 Multiple lines/sites	13
5.3 Factory Production control (FPC)	13
5.3.1 General	13
5.3.2 Inspection of samples in accordance with a prescribed test plan (see 5.1, 2a)	13
5.4 Initial inspection of factory and of factory production control (see 5.1, 2b)	14
5.5 Continuous surveillance and assessment of the factory production control (5.1, 2c)	15
5.6 Procedure for modifications	16
5.7 Pre-production products (e.g. prototypes)	16
6 Marking and labelling	16
6.1 General	16
6.2 Product marking	16
Annex A (normative) Factory production control	17
A.1 Factory Production Control Requirements	17
A.1.1 General	17
A.1.2 Organization	17
A.1.3 Control system	17
A.1.4 Equipment	18
A.1.5 Inspection and testing	18
A.1.6 Non-complying materials / products	18
A.2 Inspection and testing tables of basic alumino silicate glass production	19
A.2.1 Information to Table A.1 and Table A.2	19
A.2.2 Use of proxy testing	19

Annex B (normative) Type testing of spectrophotometric and energy characteristics.....	22
B.1 Sampling	22
B.2 Measurement of spectrophotometric characteristics.....	22
B.3 Tolerances on spectrophotometric characteristics	22
Annex C (informative) Provisions for voluntary involvement of third party(ies).....	24
C.1 General	24
C.2 Voluntary tasks for third parties	24
C.3 Marking and labelling	24
Annex ZA (informative) Relationship of this European Standard with Regulation (EU)	
 No.305/2011	25
ZA.1 Scope and relevant characteristics	25
ZA.2 System of Assessment and Verification of Constancy of Performance (AVCP)	26
ZA.3 Assignment of AVCP tasks	27
Bibliography	31

EN 15681-2:2017 (E)**European foreword**

This document (EN 15681-2:2017) has been prepared by Technical Committee CEN/TC 129 “Glass in building”, the secretariat of which is held by NBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by November 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports basic work requirements of EU Regulation and essential requirements of EU Directive(s).

For relationship with EU Regulation/Directive(s), see informative Annex ZA which is an integral part of this document.

EN 15681 *Glass in Building* — *Basic alumino silicate glass products* consists of the following parts:

- Part 1: Definitions and general physical and mechanical properties;
- Part 2: Product standard.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard covers the assessment and verification of constancy of performance and the factory production control of basic alumino silicate glass products for use in buildings.

NOTE For glass products with electrical wiring or connections for, e.g. alarm or heating purposes, other directives, e.g. Low Voltage Directive, may apply.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and 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.

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 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 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 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 to roofs tests*

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

EN 15681-1:2016, *Glass in building - Basic alumino silicate glass products - Part 1: Definitions and general physical and mechanical properties*

EN 15998, *Glass in building - Safety in case of fire, fire resistance - Glass testing methodology for the purpose of classification*

prEN 16612, *Glass in building — Determination of the load resistance of glass panes by calculation and testing*

ISO 9385, *Glass and glass-ceramics — Knoop hardness test*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15681-1:2016 and the following apply.

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