

STN	Sklo v stavebníctve. Základné hlinítokremičité výrobky zo skla. Časť 1: Definície a všeobecné fyzikálne a mechanické vlastnosti.	STN EN 15681-1 70 1627
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Glass in building - Basic alumino silicate glass products - Part 1: Definitions and general physical and mechanical properties

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/16

Obsahuje: EN 15681-1:2016

122758

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2016
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 15681-1

January 2016

ICS 81.040.20

English Version

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

Verre dans la construction - Produits de base : verre
aluminosilicate - Partie 1 : Définitions et propriétés
physiques et mécaniques générales

Glas im Bauwesen - Basiserzeugnisse aus Alumo-
Silicatglas - Teil 1: Definitionen und allgemeine
physikalische und mechanische Eigenschaften

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 15681-1:2016) 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of an identical text or by endorsement, at the latest by July 2016, and conflicting national standards shall be withdrawn at the latest by July 2016.

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This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This European Standard consists of the following parts:

- EN 15681-1 Glass in Building — Basic alumino silicate glass products — Part 1: Definitions and general physical and mechanical properties;
- EN 15681-2 Glass in Building — Basic alumino silicate glass products — Part 2: Evaluation of conformity / Product standard¹.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

¹ Standard under development.

1 Scope

This Part of this European Standard specifies and classifies basic alumino silicate glass products, indicates their chemical composition, their main physical and mechanical characteristics, their dimensional and their minimum quality requirements (in respect of optical and visual faults).

This European Standard applies to basic alumino silicate glasses supplied in stock sizes, supplied sizes or in 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.

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 410, *Glass in building - Determination of luminous and solar characteristics of glazing*

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

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