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Deel 2: Productnorm

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Glass in building - Sand blasted glass - Part 2: Product standard

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## Glass in building - Sand blasted glass - Part 2: Product standard

Glas im Bauwesen - Sandgestrahltes Glas - Teil 2:  
Produktnorm

This draft European Standard is submitted to CEN members for enquiry. 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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<b>Contents</b>	<b>Page</b>
European foreword.....	4
<b>1 Scope.....</b>	<b>5</b>
<b>2 Normative references.....</b>	<b>5</b>
<b>3 Terms and definitions.....</b>	<b>6</b>
<b>4 Requirements.....</b>	<b>7</b>
4.1 Product description.....	7
4.2 Determination of the characteristic's performances.....	7
4.2.1 Characteristic of sand blasted glass.....	7
4.2.2 Determination of characteristics of sand blasted glass.....	8
4.3 Characteristics other than listed in 4.2.....	11
<b>5 Assessment and verification of constancy of performance - AVCP.....</b>	<b>12</b>
5.1 General.....	12
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.....	13
5.2.3 Test reports.....	13
5.2.4 Multiple lines/sites.....	13
5.3 Factory production control (FPC).....	14
5.3.1 General.....	14
5.3.2 Inspection of samples in accordance with a prescribed test plan (see 5.1, 2. a)).....	14
5.4 Initial inspection of factory and of factory production control (see 5.1, 2. b)).....	14
5.5 Continuous surveillance and assessment of the factory production control (5.1, 2. c)).....	15
5.6 Procedure for modifications.....	16
5.7 Pre-production products (e.g. prototypes).....	16
<b>6 Marking and/or labelling.....</b>	<b>16</b>
6.1 General.....	16
6.2 Product marking.....	16
<b>Annex A (normative) Factory production control.....</b>	<b>17</b>
<b>A.1 Factory production control requirements.....</b>	<b>17</b>
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
<b>A.2 Inspection and testing table of sand blasted glass production.....</b>	<b>19</b>
A.2.1 Information on Table A.1.....	19
A.2.2 Use of proxy testing.....	19

<b>Annex B (normative) Type testing of spectrophotometric and energy characteristics.....</b>	<b>21</b>
<b>B.1 Sampling .....</b>	<b>21</b>
<b>B.2 Measurement of spectrophotometric characteristics.....</b>	<b>21</b>
<b>B.3 Tolerances on spectrophotometric characteristics .....</b>	<b>21</b>
<b>Annex C (informative) Provisions for voluntary involvement of third party(ies).....</b>	<b>22</b>
<b>C.1 General .....</b>	<b>22</b>
<b>C.2 Voluntary tasks for third parties .....</b>	<b>22</b>
<b>C.3 Marking and labelling .....</b>	<b>22</b>
<b>Annex ZA (informative) Relationship of this European Standard with Regulation (EU) No.305/2011.....</b>	<b>23</b>
<b>Bibliography .....</b>	<b>28</b>

Orbis  
 Preview

## prEN 17258-2:2018 (E)

### European foreword

This document (prEN 17258-2:2018) 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 CEN Enquiry.

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

For relationship with EU Regulation, see informative Annex ZA, which is an integral part of this document.

This document is one of a series of standards under the general title *Glass in building – Sand blasted glass*:

- *Part 1: Definitions and description*
- *Part 2: Product standard*

This document contains other aspects of importance for trade.

Preview  
prEN 17258-2

## 1 Scope

This document covers requirements and the factory production control required for the manufacture of sand blasted glass 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 are referred to in the text in such a way that some or all of their content constitutes requirements 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 test 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 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 lateral load resistance of glass panes by calculation*

prEN 17258-1; *Glass in building - Sand and blasted glass - Part 1: Definition and descriptions*

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

**prEN 17258-2:2018 (E)****3 Terms and definitions**

For the purposes of this document, the terms and definitions given in prEN 17258-1 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 **factory production control**

FPC

documented, permanent and internal control of production in a factory, in accordance with this standard

Note 1 to entry: See also Annexes A and B.

### 3.2 **product-type**

set of representative performance levels or classes of a construction product, in relation to its essential characteristics, produced using a given combination of raw materials or other elements in a specific production process

### 3.3 **essential characteristic**

characteristic of the construction product which relate to the basic requirements for construction works

Note 1 to entry: Basic requirements for construction work are given in the Regulation (EU) No 305/2011, Annex I.

### 3.4 **performance of a construction product**

performance related to the relevant essential characteristics, expressed by level or class, or in a description

### 3.5 **level**

result of the assessment of the performance of a construction product in relation to its essential characteristics, expressed as a numerical value

### 3.6 **class**

range of levels, delimited by a minimum and a maximum value, of performance of a construction product

### 3.7 **type testing**

TT

determination of the performance of a product (characteristic, durability), on the basis of either actual tests or other procedures (such as conventional, standardised, tabulated or general accepted values, standardised or recognised calculation methods, test reports when made available, ...), in accordance with this European Standard and that demonstrates compliance with this European Standard



### 3.8 test report

document that covers the results of tests undertaken on a representative sample of the product from production or on a prototype design of the product

### 3.9 product description

document that details the relevant parameters, e.g. process conditions, structure, etc., for defining a product that complies with the standard and that includes specific reference(s) to characteristics that are modified by the production process

### 3.10 product family

group of products determined by the manufacturer, which is made with similar components and processes and which is tested for FPC using the same test method

### 3.11 significant change

variation in performance beyond the permitted tolerance for the characteristic

## 4 Requirements

### 4.1 Product description

For conformity purposes, the sand blasted glass manufacturer is responsible for the preparation and maintenance of a product description. This description shall describe the product and/or product family.

Disclosure of the product description shall be at the discretion of the sand blasted glass manufacturer or his agent except in the case of regulatory requirements.

The product description shall contain at least the following:

- reference to prEN 17258-1 and prEN 17258-2 and all other standards with which the manufacturer claims compliance;
- surface modifications;
- glass substrates.

The definition of product families shall be consistent with the product description.

The substitution of materials shall maintain the conformity with the product description. The substituting material can be added to the product family and also the product description when compliance has been demonstrated.

### 4.2 Determination of the characteristic's performances

#### 4.2.1 Characteristic of sand blasted glass

##### 4.2.1.1 General

The characteristics of sand blasted glass, listed in Table 1, are in general those of the glass substrate and can be found in the appropriate product standard (see 4.2.1.2). Since they are not changed significantly by the sand blasting process, they shall be used for sand blasted glass.

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