

**Glass in building - Coated glass - Part 2: Requirements
and test methods for class A, B and S coatings**

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NATIONAL FOREWORD

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English Version

Glass in building - Coated glass - Part 2: Requirements and test methods for class A, B and S coatings

Verre dans la construction - Verre à couche - Partie 2:
Exigences et méthodes d'essai pour les couches de
classes A, B et S

Glas im Bauwesen - Beschichtetes Glas - Teil 2:
Anforderungen an und Prüfverfahren für Beschichtungen
der Klassen A, B und S

This European Standard was approved by CEN on 3 December 2011.

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Contents

Page

Foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements	5
5 Samples and test pieces	7
5.1 Preparation	7
5.1.1 Coated annealed glass	7
5.1.2 Thermally treated coated glass	7
5.1.3 Coated toughened or heat strengthened glass	8
5.2 Storage	8
5.3 Marking	8
6 Initial evaluation of test pieces	8
6.1 Preparation	8
6.2 Visual inspection	8
6.3 Spectrophotometric measurements	8
6.3.1 Coated annealed glass	8
6.3.2 Toughened or heat strengthened coated glass	9
7 Duration of the tests	9
8 Test methods	9
8.1 General	9
8.2 Positioning of test pieces in the test cabinets	10
9 Final evaluation of test pieces	11
9.1 General	11
9.2 Cleaning	11
9.3 Visual Inspection	12
9.4 Spectrophotometric measurements	12
9.4.1 Coated annealed glass	12
9.4.2 Thermally treated coated glass	12
10 Test report	13
Annex A (normative) Special procedures for thermally treated coated glass	15
A.1 General	15
A.2 Samples and test pieces for chemical and abrasion tests	15
A.3 Spectrophotometric measurements	15
A.3.1 Samples and test pieces for spectrophotometric measurements	15
A.3.2 Procedures	15
Annex B (normative) Determination of the condensation resistance	17
B.1 General	17
B.2 Procedure	17
B.3 Test cabinet	17
Annex C (normative) Determination of the resistance to acid	19
C.1 General	19
C.2 Procedure	19
C.3 Test cabinet	19
Annex D (normative) Determination of the resistance to neutral salt spray	21

D.1	General	21
D.2	Apparatus	21
D.2.1	Spray cabinet	21
D.2.2	Heater and temperature control	21
D.2.3	Spraying device	21
Annex E	(normative) Determination of resistance to abrasion	22
E.1	General	22
E.2	Apparatus	22
E.2.1	General	22
E.2.2	Metal finger	22
E.2.3	Abrasive felt	22
E.3	Test piece	23
E.4	Test procedure	23
Annex F	(normative) Criteria to demonstrate equivalence of coatings	25
F.1	General	25
F.2	Composition of coatings	25
F.3	Previous test reports	25
F.4	Evaluation	25
F.5	Examples	25
Annex G	(informative) Summary of test report	27
Bibliography		29

Foreword

This document (EN 1096-2:2012) 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 2012, and conflicting national standards shall be withdrawn at the latest by July 2012.

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

This document supersedes EN 1096-2:2001.

The main changes compared to the previous edition are:

- reference to the future EN 1096-5, *Test method and classification for the Self-cleaning performances of coated glass surfaces*;
- the introduction of a method to deal with toughenable / heat strengthenable and to be toughened / to be heat strengthened coated glass, see Annex A.

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, 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 Scope

This European Standard specifies requirements and test methods related to artificial weathering and abrasion of coatings on glass for use in buildings.

These tests are aimed at evaluating the resistance of the coating to attack by simulated natural weathering conditions as well as to abrasion. This attack can be considered as representative of that which could be found on the external and/or internal face of the glazing.

This European Standard applies to Class A, B and S coatings, as described in EN 1096-1.

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.

EN 410, *Glass in Building — Determination of luminous and solar characteristics of glazing*

EN 1096-1:2012, *Glass in building — Coated glass — Part 1: Definitions and classification*.

EN 12898, *Glass in building — Determination of emissivity*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1096-1 apply.

4 Requirements

The coated glass complying with this European Standard shall respect the requirements related to the different characteristics given in Table 1.