

**Glass in building - Mirrors from silver-coated float glass for internal use - Part 1:
Definitions, requirements and test methods**

Glass in building - Mirrors from silver-coated float glass for internal use - Part 1: Definitions, requirements and test methods

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

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English Version

Glass in building - Mirrors from silver-coated float glass for internal use - Part 1: Definitions, requirements and test methods

Verre dans la construction - Miroirs en glace argentée pour l'intérieur - Partie 1: Définitions, exigences et méthodes d'essai

Glas im Bauwesen - Spiegel aus silberbeschichtetem Floatglas für den Innenbereich - Teil 1: Begriffe, Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 12 November 2007.

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Foreword

This document (EN 1036-1:2007) 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of an identical text or by endorsement, at the latest by June 2008, and conflicting national standards shall be withdrawn at the latest by June 2008.

This document supersedes EN 1036:1999.

EN 1036 *Glass in building — Mirrors from silver-coated float glass for internal use* consists of the following parts:

Part 1: Definition, requirements and test methods

Part 2: Evaluation of conformity; 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, 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 and the United Kingdom.

1 Scope

This European Standard specifies minimum quality requirements (in respect of optical, visual and edge faults) and durability tests for mirrors from silvered float glass for internal use in building.

This European Standard applies only to mirrors from silvered glass manufactured from flat annealed clear or tinted float glass, 2 mm to 10 mm thickness, and supplied in stock/standard sizes and as-cut finished sizes.

This European Standard does not apply to mirrors from silvered glass manufactured from any basic glass other than float glass, any processed glass, i.e. thermally toughened safety glass, heat strengthened glass, chemically strengthened glass and laminated glass, and any bent glass.

For mirrors from silvered glass used in aggressive and/or constantly high humidity atmospheres, e.g. horse riding halls, swimming pools, medical baths, saunas etc. this European Standard is not applicable. This European Standard is not applicable to reflective glass for external glazing applications.

This European Standard does not apply to framing, fixing or other support systems.

NOTE Useful advice on these items is contained in the informative Annex B.

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 572-2, *Glass in building — Basic soda lime silicate glass products — Part 2: Float glass*

EN ISO 2409, *Paints and varnishes - Cross-cut test (ISO 2409:2007)*

EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227:2006)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

float glass

flat, transparent, clear or tinted soda-lime silicate glass having parallel and polished faces obtained by continuous casting and flotation on a metal bath (see EN 572-1 and EN 572-2)

3.2

mirror from silver-coated float glass

flat annealed clear or tinted float glass whose rear surface has been coated with a protected reflective silver deposit

3.3

copper-free mirror from silver-coated float glass

flat annealed clear or tinted float glass whose rear surface has been coated with a protected reflective silver deposit without use of copper