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Svømmebassiner til privat brug – Del 1: Generelle krav, herunder sikkerhedstekniske krav og prøvningsmetoder

Domestic swimming pools – Part 1: General requirements including safety and test methods

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EUROPÄISCHE NORM

May 2021

ICS 97.220.10

English Version

Domestic swimming pools - Part 1: General requirements including safety and test methods

Piscines privées à usage familial -
Partie 1 : Exigences générales et de
sécurité et méthodes d'essai

Schwimmbäder für private Nutzung
- Teil 1: Allgemeine Anforderungen
einschließlich sicherheitstechnischer
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 20 June 2015 and includes Amendment 0 approved by CEN on 11 December 2020.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document ([EN 16582-1:2015+A1:2021](#)) has been prepared by Technical Committee CEN/TC 402 "Domestic pools and spas", the secretariat of which is held by AFNOR.

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 November 2021 and conflicting national standards shall be withdrawn at the latest by November 2021.

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 includes Amendment 1 approved by CEN on 11 December 2020.

This document supersedes [EN 16582-1:2015](#).

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{A_1}$ $\boxed{A_1}$.

This document is part of a series of standards dealing with domestic swimming pools which consists of:

- *Part 1: General requirements including safety and test methods;*
- *Part 2: Specific requirements including safety and test methods for inground pools;*
- *Part 3: Specific requirements including safety and test methods for aboveground pools.*

This European Standard has to be read in conjunction with local and national regulations if they exist.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Introduction

This part of [EN 16582](#) specifies requirements including safety and test methods that are generally applicable to domestic swimming pools. For specific types of pools these requirements are supplemented or modified by the requirements of specific standards which have been issued as additional parts of this European Standard.

As specific standards exist, this general standard should not be used alone.

The users of this standard could be either in a Business to consumer (B to C) relationship, such as constructors, installers, retailers, etc. or in a Business to business (B to B) relationship, such as manufacturers, suppliers, distributors, etc. Safe products are the basis of the consumers' safety and therefore, this European Standard should take into account the following topics:

- product safety and performance requirements;
- safe construction and installation,
- safe use, which could include information and red flags for consumers (e.g. “Don’t leave your child unattended in the pool”).

Special attention should also be paid to environmental aspects, according to [CEN Guide 4](#) (e.g. minimizing water being wasted, etc.).

Domestic swimming pools –

Part 1: General requirements including safety and test methods

1 Scope

This European Standard specifies the general safety and quality requirements and test methods for domestic swimming pools. These requirements and test methods are applicable to inground, aboveground or recessed swimming pool structures, including their installation and means of access.

This standard does not apply to:

- pools for public use covered by [EN 15288-1](#);
- spas for domestic or public use;
- paddling pools according to [EN 71-8](#).

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 350-2](#), *Durability of wood and wood-based products - Natural durability of solid wood - Part 2: Guide to natural durability and treatability of selected wood species of importance in Europe*

[EN 351-1](#), *Durability of wood and wood-based products - Preservative-treated solid wood - Part 1: Classification of preservative penetration and retention*

[EN 335](#), *Durability of wood and wood-based products - Use classes: definitions, application to solid wood and wood-based products*

[EN 460](#), *Durability of wood and wood-based products - Natural durability of solid wood - Guide to the durability requirements for wood to be used in hazard classes*

[EN 1990:2002](#), *Eurocode - Basis of structural design*

[A1](#) deleted text [A1](#)

[EN 14843:2007](#), *Precast concrete products - Stairs*

[HD 60364-7-702](#), *Low-voltage electrical installations - Part 7-702: Requirements for special installations or locations - Swimming pools and fountains*

[EN ISO 1461](#), *Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461)*

[EN ISO 4628-2](#), *Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 2: Assessment of degree of blistering (ISO 4628-2)*

[EN ISO 4628-3](#), *Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting (ISO 4628-3)*

[EN ISO 9227](#), *Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227)*

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[CEN/TS 16165](#), *Determination of slip resistance of pedestrian surfaces - Methods of evaluation*

[ISO 20712-1](#), *Water safety signs and beach safety flags - Part 1: Specifications for water safety signs used in workplaces and public areas*

[EN 16713-3](#)^(A1), *Domestic swimming pools - Water systems - Part 3: Treatment - Requirements*