
Oprema za plavalne bazene - 11. del: Dodatne posebne varnostne zahteve in preskusne metode za premične bazenske pode in premične pregrade

Swimming pool equipment - Part 11: Additional specific safety requirements and test methods for movable pool floors and movable bulkheads

Schwimmbadgeräte - Teil 11: Zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren für höhenverstellbare Zwischenböden und bewegliche Beckenabtrennungen

Equipement de piscine - Partie 11: Exigences de sécurité et méthodes d'essai complémentaires propres aux fonds de bassins mobiles et cloisons mobiles

Ta slovenski standard je istoveten z: prEN 13451-11

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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 136.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Document Preview

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Foreword

This document (prEN 13451-11:2012) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational equipment”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 13451-11:2004.

In relation to EN 13451-11:2004, the following main amendments have been made:

- a) normative references have been updated;
- b) requirements for the recessed ledges and steps have been modified;
- c) safety requirements for the prevention of interference with the circulation system have been added;
- d) width of the walkable area behind the starting platform has been changed;
- e) test procedure for rigid closure devices has been modified.

EN 13451 “Swimming pool equipment” consists of the following parts:

- *Part 1: General safety requirements and test methods;*
- *Part 2: Additional specific safety requirements and test methods for ladders, stepladders and handle bends;*
- *Part 3: Additional specific safety requirements and test methods for inlets and outlets and water/air based water leisure features;*
- *Part 4: Additional specific safety requirements and test methods for starting platforms;*
- *Part 5: Additional specific safety requirements and test methods for lane lines;*
- *Part 6: Additional specific safety requirements and test methods for turning boards;*
- *Part 7: Additional specific safety requirements and test methods for water polo goals;*
- *Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment;*
- *Part 11: Additional specific safety requirements and test methods for moveable pool floors and moveable bulkheads.*

prEN 13451-11:2012 (E)

1 Scope

This part of EN 13451 specifies safety requirements for moveable pool floors and moveable bulkheads in addition to the general safety requirements of EN 13451-1 and should be read in conjunction with it.

The requirements of this part of EN 13451 take priority over those in EN 13451-1.

This part of EN 13451 is applicable to manufactured moveable pool floors and moveable bulkheads for use in classified swimming pools as specified in EN 15288-1 and EN 15288-2.

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 13451-1:2011, *Swimming pool equipment — Part 1: General safety requirements and test methods*

EN 13451-4:2001, *Swimming pool equipment — Part 4: Additional specific safety requirements and test methods for starting platforms*

EN 13451-5:2001, *Swimming pool equipment — Part 5: Additional specific safety requirements and test methods for lane lines*

EN 13451-10, *Swimming pool equipment — Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment*

EN ISO 12100, *Safety of machinery — General principles for design — Risk assessment and risk reduction (ISO 12100)*

EN ISO 13850, *Safety of machinery — Emergency stop — Principles for design (ISO 13850)*

EN ISO 13857, *Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857)*

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3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13451-1:2011 and the following apply.

3.1

moveable pool floor

adjustable floor designed to change the water depth of the pool

3.2

open side of a moveable pool floor

open side of a moveable floor not moving alongside a pool wall

3.3

water depth

usable depth measured between water surface and the upper surface of a moveable floor

3.4

moveable bulkhead

moveable structure, providing a solid partition to divide a pool into sections