

Swimming pool equipment - Part 4: Additional specific safety requirements and test methods for starting platforms

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 13451-4:2014 sisaldab Euroopa standardi EN 13451-4:2014 inglisekeelset teksti.	This Estonian standard EVS-EN 13451-4:2014 consists of the English text of the European standard EN 13451-4:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

Swimming pool equipment - Part 4: Additional specific safety requirements and test methods for starting platforms

Équipement de piscine - Partie 4: Exigences de sécurité et méthodes d'essai complémentaires spécifiques aux plots départ

Schwimmbadgeräte - Teil 4: Zusätzliche besondere sicherheitstechnische Anforderungen und Prüfverfahren für Startblöcke

This European Standard was approved by CEN on 30 August 2014.

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Foreword

This document (EN 13451-4:2014) has been prepared by Technical Committee CEN/TC 136 "Sports, playground and other recreational facilities and equipment", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by April 2015 and conflicting national standards shall be withdrawn at the latest by April 2015.

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 13451-4:2001.

This European Standard EN 13451 "Swimming pool equipment" consists of

- *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*

In relation to EN 13451-4:2001 the following main amendments have been made:

- a) the scope has been updated by referring to EN 15288-1 and EN 15288-2;
- b) requirements for an adjustable setting back plate have been added (see Figure 1);
- c) advice for handgrips forward start has been added;
- d) Clause 6 "Manufacturer's instructions" has been added;
- e) Annex A has been deleted.

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, Former Yugoslav Republic of Macedonia, 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 safety requirements for starting platforms in addition to the general safety requirements of EN 13451-1:2011 and should be read in conjunction with it.

The requirements of this specific standard take priority over those in EN 13451-1:2011.

This European Standard is applicable to manufactured starting platforms for use in competition and training 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 15288-1, *Swimming pools - Part 1: Safety requirements for design*

EN 15288-2, *Swimming pools - Part 2: Safety requirements for operation*

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
starting platform
raised platform, located on the pool edge, for elevated entry into the water from a stationary start in a racing dive

4 Safety requirements

4.1 Design and manufacture

4.1.1 Dimensions

The dimensions indicated in the Figures 1 and 2 shall be complied with. The design of the equipment does not need to comply with the examples given.

If the height of the starting platform t_1 is ≥ 500 mm, a step shall be provided at a height ≤ 400 mm.