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Diving equipment - Diving open heel fins -
Requirements and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 16804:2015 sisaldab Euroopa standardi EN 16804:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 16804:2015 consists of the English text of the European standard EN 16804:2015.
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.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 16.12.2015.	Date of Availability of the European standard is 16.12.2015.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

Diving equipment - Diving open heel fins - Requirements and test methods

Équipement de plongée - Palmes de plongée non
chaussantes - Exigences et méthodes d'essais

Tauch-Zubehör - Taucherflossen - Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 16 November 2015.

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

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European foreword

This document (EN 16804:2015) 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of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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1 Scope

This European Standard applies to open heel fins for diving where the user is breathing underwater. The purpose of this European Standard is the specification of minimum safety requirements.

2 Terms and definitions

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

2.1

open heel fin

fin that is retained on the user's foot by a heel band

Note 1 to entry: The term "fins" will be used in the current standard for open heel fins.

2.2

heel band

device allowing the diving fin to be maintained on the foot of the user

Note 1 to entry: The heel band might be adjustable.

2.3

buckle

device allowing adjustment of the heel band tension

3 Design requirements

3.1 General

The fin shall be designed to be maintained on the user's feet during normal condition of use.

Test in accordance with Clause 4.

3.2 Surfaces in contact with the foot

The fins shall not have any projecting parts, or corners and edges, which may injure the user.

Test in accordance with 4.1.

3.3 Heel band

Heel band shall be designed so that the fins can be donned and removed easily.

Test in accordance with 4.3.

If adjustable, when wetted, the heel band of a fin shall withstand a pull force of 150 N, during 10 s, without slipping.

Test in accordance with 4.2.1.

Any heel band shall withstand a pull force of 200 N, during 10 s, without detaching or slipping out from the buckle and/or attachment.

Test in accordance with 4.2.2.

The permanent linear deformation of the heel band shall not be greater than 5 % when tested at a pull force of 100 N for 10 s, measurement being carried out 30 min after pulling.

Test in accordance with 4.2.3.