

**Playing field equipment - Badminton equipment -  
Functional and safety requirements, test methods**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1509:2008 sisaldab Euroopa standardi EN 1509:2008 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 15.12.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 12.11.2008.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 1509:2008 consists of the English text of the European standard EN 1509:2008.

This standard is ratified with the order of Estonian Centre for Standardisation dated 15.12.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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Võtmesõnad:

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Aru 10 Tallinn 10317 Eesti; [www.evs.ee](http://www.evs.ee); Telefon: 605 5050; E-post: [info@evs.ee](mailto:info@evs.ee)

English Version

## Playing field equipment - Badminton equipment - Functional and safety requirements, test methods

Equipements de jeux - Equipements de badminton -  
Exigences fonctionnelles et de sécurité, méthodes d'essai

Spielfeldgeräte - Badminton Einrichtungen - Funktionelle  
und sicherheitstechnische Anforderungen, Prüfverfahren

This European Standard was approved by CEN on 5 October 2008.

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 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 Management Centre has the same status as the official versions.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

# Contents

Page

Foreword.....	3
<b>1 Scope .....</b>	<b>4</b>
<b>2 Normative references .....</b>	<b>4</b>
<b>3 Requirements .....</b>	<b>4</b>
3.1 Classification.....	4
3.2 Designation .....	4
3.3 Dimensions.....	5
3.4 Material .....	6
3.4.1 Posts, bottom structure of type 3 and ground fixings.....	6
3.4.2 Net .....	6
3.4.3 Top net line.....	6
3.5 Design .....	6
3.5.1 Posts .....	6
3.5.2 Net .....	7
3.5.3 Top net line.....	8
3.5.4 Ground sockets.....	8
<b>4 Safety requirements .....</b>	<b>8</b>
4.1 General.....	8
4.2 Tensioning devices.....	8
4.3 Other fixings.....	8
<b>5 Test methods.....</b>	<b>8</b>
<b>6 Test report .....</b>	<b>9</b>
<b>7 Instructions for use .....</b>	<b>9</b>
<b>8 Marking .....</b>	<b>9</b>
<b>Annex A (informative) Examples of badminton equipment types 1 to 3 .....</b>	<b>10</b>
<b>Annex B (informative) Example of foundation .....</b>	<b>11</b>

## Foreword

This document (EN 1509:2008) 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 May 2009, and conflicting national standards shall be withdrawn at the latest by May 2009.

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 1509:2004.

The principal changes from the previous edition of EN 1509 are as follows:

- a) The general safety requirements and test methods have been adapted to the currently updated EN 913 with exclusions.
- b) The scope was extended for indoor standing as well as for indoor wheel chair badminton equipment.
- c) Inclusion of four different classes for the distinction of badminton equipment for competition or training including wheelchair equipment.
- d) Concretion of the requirements on posts and nets.
- e) Inclusion of requirements on the construction of top net lines.
- f) Extension of a new Clause 6 "Test report".
- g) Clause 7 "Instructions for use" and Clause 8 "Marking" were extended.

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 the functional requirements (see Clause 3) and the safety requirements (see Clause 4) for badminton equipment, excluding rackets and shuttlecocks.

This European Standard is applicable to three types and four classes for indoor standing as well as for indoor wheel chair badminton equipment for competition and training (see 3.1).

Other types and sizes as those described in this European Standard are permissible provided the safety requirements of this European Standard are taken into consideration.

## 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 913, *Gymnastic equipment – General safety requirements and test methods*

EN ISO 1806, *Fishing nets – Determination of mesh breaking force of netting (ISO 1806:2002)*

EN ISO 2307, *Fibre ropes – Determination of certain physical and mechanical properties (ISO 2307:2005)*

## 3 Requirements

### 3.1 Classification

Badminton equipment as a whole consisting of a pair of posts and a net shall be classified by the design (types and classes) as shown in Tables 1 and 2.

**Table 1 — Types**

Type	Description	Example
1	with ground sockets	Figure A.1
2	with bases and ground fixings	Figure A.2
3	freestanding	Figure A.3

**Table 2 — Classes**

Class	Description
A	Competition standing equipment
B	Competition wheel chair equipment
C	Training standing equipment
D	Training wheel chair equipment

### 3.2 Designation

Example for the designation of badminton equipment according to this standard of type 1 and class A: