



NSAI
Standards

Irish Standard
I.S. EN 1509:2008

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

I.S. EN 1509:2008

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i> I.S. EN 1509:2004	<i>This document is based on:</i> EN 1509:2008 EN 1509:2004	<i>Published:</i> 12 November, 2008 12 November, 2004
This document was published under the authority of the NSAI and comes into effect on: 16 January, 2009		ICS number: 97.220.30
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie
		Price Code: F
Údarás um Chaighdeáin Náisiúnta na hÉireann		

I.S. EN 1509:2008

EUROPEAN STANDARD

EN 1509

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2008

ICS 97.220.30

Supersedes EN 1509:2004

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 - Badmintoneinrichtungen - 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.

CEN members are the national standards bodies of 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 United Kingdom.



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
1 Scope	4
2 Normative references	4
3 Requirements	4
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
4 Safety requirements	8
4.1 General.....	8
4.2 Tensioning devices.....	8
4.3 Other fixings.....	8
5 Test methods	8
6 Test report	9
7 Instructions for use	9
8 Marking	9
Annex A (informative) Examples of badminton equipment types 1 to 3	10
Annex B (informative) Example of foundation	11

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.

I.S. EN 1509:2008**EN 1509:2008 (E)****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:

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-