

**IRISH STANDARD** 

I.S. EN 13200-3:2006

ICS 91.040.10 97.200.10 97.220.10

National Standards Authority of Ireland Glasnevin, Dublin 9 Ireland

Tel: +353 1 807 3800 Fax: +353 1 807 3838 http://www.nsai.ie

**SPECTATOR FACILITIES - PART 3:** 

Sales

http://www.standards.ie

**SEPARATING ELEMENTS - REQUIREMENTS** 

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on: February 22, 2006

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 2006

**Price Code** 

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

# EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 13200-3

November 2005

ICS 91.040.10; 97.200.10; 97.220.10

## **English Version**

# Spectator facilities - Part 3: Separating elements - Requirements

Installations pour spectateurs - Partie 3: Eléments de séparation - Exigences Zuschaueranlagen - Teil 3: Abschrankungen - Anforderungen

This European Standard was approved by CEN on 7 October 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, 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

# EN 13200-3:2005 (E)

Contents			
Forev	word	3	
Introduction			
1	Scope	5	
2	Normative references		
3	Terms and definitions		
4 4.1	General requirements	6	
4.1 4.2	Preliminary considerationsBarrier design and loading		
4.2 4.3	Design procedures		
4.3 4.4	Barrier heights		
4.5	Deflection		
4.6	Fixings		
4.7	Safety details		
4.8	Support from adjacent construction		
4.9	Maintenance		
4.10	Barriers and sightline considerations	8	
5	Specific requirements	Q	
5.1	General		
5.2	External perimeter barriers		
5.3	Activity area barriers		
5.4	Segregation elements		
5.5	Crush Barriers		
5.5.1	Main design criteria		
5.5.2	Crush barriers - factors determining the horizontal imposed load		
5.6	Barriers in front and behind seating		
5.7	Barriers in spectator galleries		
5.8	Ingress and turnstiles		
5.8.1	The need to count		
5.8.2	Loads		
5.9	Exit doors and gates		
5.9.1 5.10	Loads Temporary barriers		
5.10 5.11	Front of stage barriers		
		_	
	ex A (normative) Tables and Figures	14	
A.1	General notes to Tables A.1, A.2 and A.3		
A.2	Notes to Table A.1		
A.3	Notes to Table A.2		
A.4	Notes to Table A.3	16	
Biblio	ography	19	

EN 13200-3:2005 (E)

# **Foreword**

This European Standard (EN 13200-3:2005) has been prepared by Technical Committee CEN/TC 315 "Spectator facilities", the secretariat of which is held by UNI.

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 2006, and conflicting national standards shall be withdrawn at the latest by May 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## EN 13200-3:2005 (E)

#### Introduction

This European Standard has been prepared in order to specify the general design criteria for spectator facilities (permanent, movable, demountable and telescopic), with the purpose of enabling their functionality.

Within this European Standard minimum and recommended values for dimensions and loadings are occasionally presented. It should be recognised that these values are to be considered as values that in part recognise different national requirements as a basic provision.

Attention is drawn to the fact that in certain countries additional/different requirements may be applicable due to existing national regulations or equivalent.

This European Standard is divided among six parts:

EN 13200-1, Spectator facilities - Part 1: Layout criteria for spectator viewing area - Specification

prCEN/TR 13200-2, Spectator facilities - Layout criteria of service area –Part 2: Characteristics and national situations

EN 13200-3, Spectator facilities - Part 3: Separating elements - Requirements

prEN 13200-4 Spectator facilities - Part 4: Seats - product characteristics

prEN 13200-5 Spectator facilities - Part 5: Telescopic stands

prEN 13200-6, Spectator facilities - Part 6: Demountable (temporary) stands

#### **IMPORTANT NOTES**

- NOTE 1 The proposed values for barrier loadings contained in Tables A1, A2 and A3 may be justified from experimentally determined values appropriate to the barrier provision.
- NOTE 2 Separating elements for demountable and retractable stands are included within this European Standard.
- NOTE 3 Safety management does not form part of this European Standard.



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

**Product Page** 

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