

SVENSK STANDARD

SS-EN 13200-6:2012

Fastställt/Approved: 2012-12-15
Publicerad/Published: 2012-12-20
Utgåva/Edition: 2
Språk/Language: engelska/English
ICS: 91.040.10; 97.200.10; 97.220.10

Åskådarläktare – Del 6: Demonterbara läktare

Spectator facilities – Part 6 : Demountable (temporary) stands

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Denna standard ersätter SS-EN 13200-6:2006, utgåva 1.

The European Standard EN 13200-6:2012 has the status of a Swedish Standard. This document contains the official version of EN 13200-6:2012.

This standard supersedes the Swedish Standard SS-EN 13200-6:2006, edition 1.

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EUROPEAN STANDARD

EN 13200-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2012

ICS 97.200.10; 97.220.10

Supersedes EN 13200-6:2006

English Version

Spectator facilities - Part 6 : Demountable (temporary) stands

Installations pour spectateurs - Partie 6: Tribunes
(temporaires) démontables

Zuschaueranlagen - Teil 6: Demontierbare (provisorische)
Tribünen

This European Standard was approved by CEN on 13 October 2012.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 13200-6:2012) 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 June 2013, and conflicting national standards shall be withdrawn at the latest by June 2013.

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 13200-6:2006.

Compared with the previous version, the scope of the present document has been changed in order to exclude stands of moveable type in which the last row of places for spectators is less than 1 m height from the ground.

This European Standard (EN 13200), with the general title “Spectator facilities”, is divided into seven parts:

- EN 13200-1, *Spectator facilities — Part 1: General characteristics for spectator viewing area*;
- CEN/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*;
- EN 13200-4, *Spectator facilities — Part 4: Seats — Product Characteristics*;
- EN 13200-5, *Spectator facilities — Part 5: Telescopic stands*;
- EN 13200-6, *Spectator facilities — Part 6 : Demountable (temporary) stands*;
- prEN 13200-7, *Spectator facilities — Part 7: Entry and exit elements and routes*;
- prEN 13200-8, *Spectator facilities — Part 8: Safety Management*;
- prEN 13200-9, *Spectator facilities — Part 9: Communications systems in spectator facilities*.

According to the CEN/CENELEC Internal Regulations, the national standards organisations 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.

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 standard, minimum and recommended values for dimensions 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 the equivalent.

1 Scope

This European Standard specifies product characteristics for demountable (temporary) stands at permanent or temporary entertainment venues including sports stadiums, sport halls and indoor and outdoor facilities. Stands in fairgrounds and amusement parks are excluded from this standard (see EN 13814).

This European Standard is not applicable to stands of moveable type in which the last row of places for spectators is less than 1 m height from the ground.

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 1991-1-1, *Eurocode 1: Actions on structures — Part 1-1: General actions — Densities, self-weight, imposed loads for buildings*

EN 1991-1-4, *Eurocode 1: Actions on structures — Part 1-4: General actions — Wind actions*

EN 13200-1:2012, *Spectator facilities — Part 1: General characteristics for spectator viewing area*

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

3 Terms and definitions

For the purposes of document, the terms and definitions given in EN 13200-1:2012 and the following apply.

3.1

demountable (temporary) stands

tiered system constructed from standardised components that can be erected and dismantled, moved from place to place and deployed in various configurations both indoors and outdoors to produce standing or seating accommodation for spectators

3.2

design documentation

documents provided by the designer of demountable (temporary) stands that ensure that the basis of design may be clearly understood and from which all design criteria can be verified

3.3

guard rail

safety barrier fitted to the sides, rear or front of a grandstand or within the seating area in order to protect users from falling

3.4

handrail

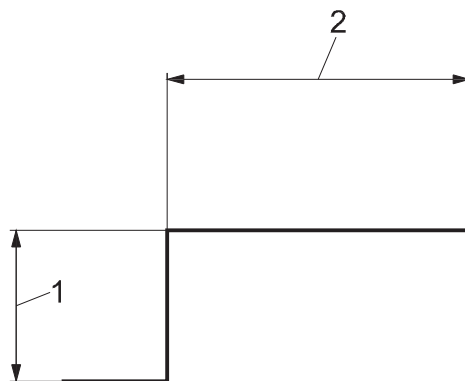
component designed to protect and assist the passage of users of the grandstand

3.5

riser

vertical component between one row and another row or landing above or below it (see Figure 1)

SS-EN 13200-6:2012 (E)



Key

1 riser

2 row depth

Figure 1 — Riser

3.6

row depth

horizontal distance between successive risers (see Figure 1)

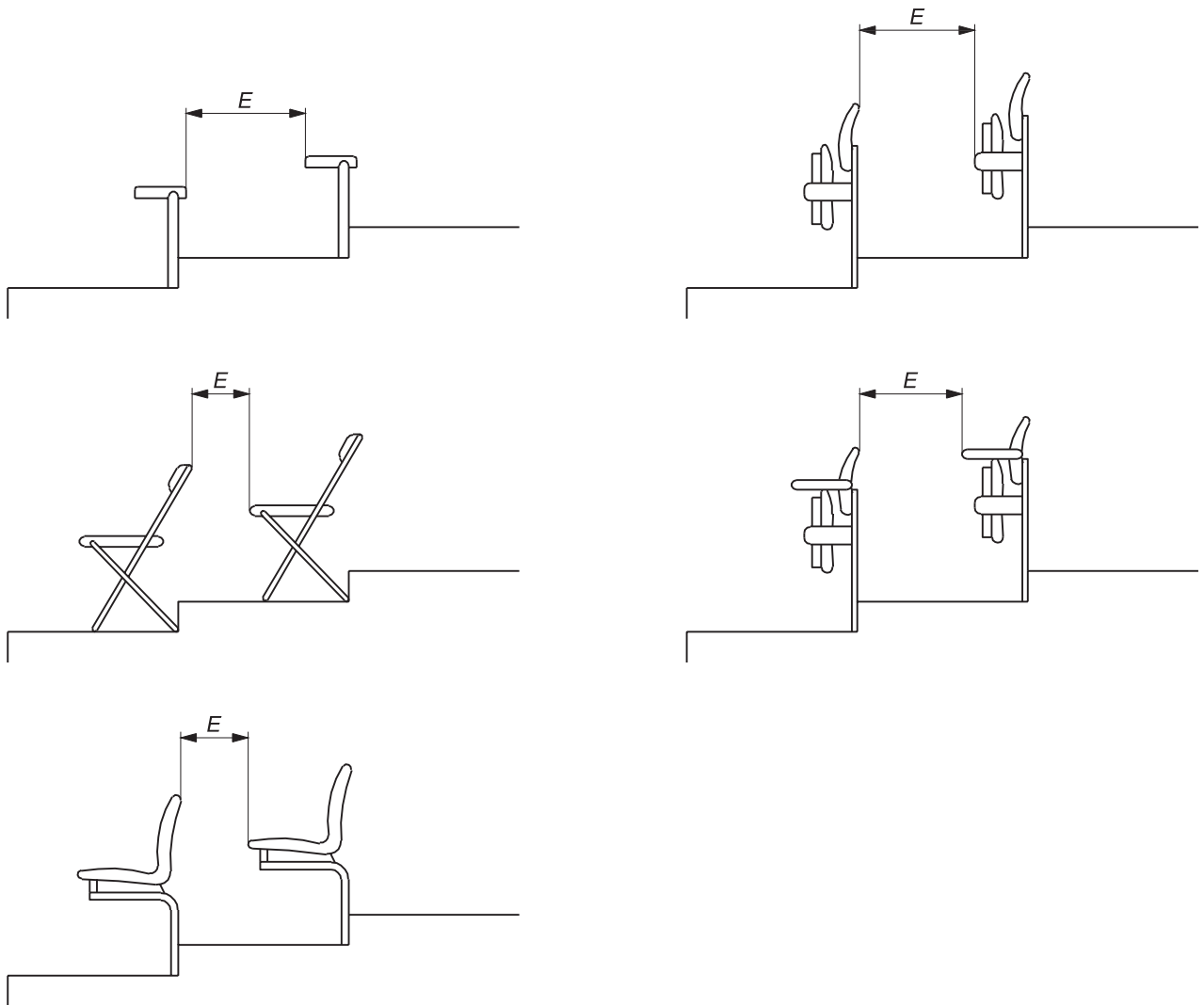
3.7

seat-way

clearway

clear space measured at right angles between perpendiculars

Note 1 to entry: See Figure 2: In all the following cases, the minimum value of the seat-way 'E' is 350 mm and the recommended minimum value is 400 mm.



Key

E clearway

Figure 2 — Seat-way

3.8

tread

horizontal component of a step

3.9

vomitory

access route built into the gradient of a stand which directly links spectator accommodation with routes for ingress, egress or emergency evacuation

3.10

stands of movable type for spectators

light stands, composed of prefabricated modules, each module being designed to be used independently from one another and to be moved and lifted manually in upright position for storage