

DIN EN 13200-3:2018-12 (E)

Spectator facilities - Part 3: Separating elements - Requirements

Contents	Page
European foreword.....	4
Introduction	5
1 Scope	6
2 Normative references.....	6
3 Terms and definitions	6
4 General requirements	8
4.1 Preliminary considerations	8
4.2 Design procedures.....	8
4.3 Barrier design and loading.....	8
4.4 Barrier heights	8
4.5 Deflection.....	9
4.6 Fixings	9
4.7 Safety details.....	9
4.8 Support from adjacent construction.....	9
4.9 Maintenance.....	9
4.10 Barriers and sightline considerations.....	9
5 Specific requirements.....	10
5.1 General.....	10
5.2 External perimeter barriers.....	10
5.3 Activity area barriers.....	10
5.3.1 Form, height and imposed load.....	10
5.3.2 Emergency access to the activity area	10
5.3.3 Requirements dependent upon sports or activities.....	10
5.4 Segregation elements	11
5.5 Crush barriers	12
5.5.1 Main design criteria	12
5.5.2 Crush barriers - factors determining the horizontal imposed load.....	12
5.6 Barriers in spectator galleries	13
5.7 Exit doors and gates	13
5.7.1 General.....	13
5.7.2 Loads.....	13
5.8 Temporary barriers	13
5.9 Front of stage barriers.....	14
Annex A (normative) Horizontal imposed loads for barriers in seating accommodation	15
A.1 Table and figures.....	15
A.2 Notes to Annex A.....	20
A.3 Notes to Table A.1	21
Annex B (informative) Horizontal imposed loads for barriers in standing accommodation.....	22
B.1 Table and figures.....	22
B.2 Notes to Annex B.....	23

Annex C (informative) Horizontal imposed loads for external perimeter barrier and segregation elements	24
C.1 Table and figures	24
C.2 Notes to Annex C.....	26
Annex D (informative) Breaking of load related to grade slope.....	27