

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