

# References

## Standards

- 1 BS EN 10326:2004 Continuously hot-dip coated strip and sheet of structural steels
- 2 BS 5950:Part 6:1995 Implementing Amendment No.1 not published separately and incorporating Corrigendum No.1: Structural use of steelwork in building - Part 6. Code of practice for design of light gauge profiled steel sheeting
- 3 BS 5950-4:1994 Structural use of steelwork in building - Part 4: Code of practice for design of composite slabs with profiled steel sheeting
- 4 BS EN 10025-2:2004 Hot rolled products of structural steels
- 5 BS 5950-1:2000 Incorporating Corrigendum No. 1 and amendment No.1: Structural use of steelwork in building - Part 1: Code of practice for design - Rolled and welded sections
- 6 BS EN 10210:2006 Hot finished structural hollow sections of non-alloy and fine grain steels. Part 1: Technical delivery requirements. Part 2: Tolerances, dimensions and sectional properties
- 7 BS 5950-3.1:1990 Incorporating Corrigendum No. 1 Structural use of steelwork in building - Part 3: Design in composite construction - Section 3.1 Code of practice for design of simple and continuous composite beams
- 8 BS 8110-1:1997 Structural use of concrete. Code of practice for design and construction
- 9 BS 8110-2:1985 Structural use of concrete. Code of practice for special circumstances
- 10 BS 5950-8:2003 Structural use of steelwork in building – Part 8: Code of practice for fire resistant design
- 11 BS EN 1994-1-1:2004 Eurocode 4: Design of composite steel and concrete structures – Part 1-1: General rules and rules for buildings
- 12 BS EN 1992-1-1:2004 Eurocode 2: Design of concrete structures – Part 1-1: General rules and rules for buildings
- 13 BS 6472:1992 Guide to evaluation of human exposure to vibration in buildings (1 Hz to 80 Hz)
- 14 ISO/DIS 10137:2007 Bases for design of structures – Serviceability of buildings against vibration
- 15 BS 5531:1988 Code of practice for safety in erecting structural frames

## SCI Publications

- 16 Nethercot D A, Salter P R and Malik A S; Design of members subject to combined bending and torsion, The Steel Construction Institute, SCI-P-057, 1989
- 17 Newman L C, Dowling J J and Simms W I; Structural fire design: Offsite applied thin film intumescent coatings, SCI-P-160, 1996
- 18 Mullett D L; Design of RHS Slimflor edge beams, The Steel Construction Institute, SCI-P-169, 1997
- 19 Lawson R M and Mullett D L; Design of Asymmetric Slimflor Beams using deep composite decking, The Steel Construction Institute, SCI-P-175, 1997
- 20 Amato A, Ogden R and Plank R, Environmental Floor Systems, The Steel Construction Institute SCI-P-181, 1997
- 21 Joints in Steel Construction: Moment connections, The Steel Construction Institute / British Constructional Steelwork Association, SCI-P-207, 1995
- 22 Joints in Steel Construction: Simple connections, The Steel Construction Institute / British Constructional Steelwork Association, SCI-P-212, 2001
- 23 Lawson R M and Mullett D L; Design of Slimflor fabricated beams using deep composite decking, The Steel Construction Institute, SCI-P-248, 1999
- 24 McKenna P D and Lawson R M; Service Integration in Slimdek, The Steel Construction Institute, SCI-P-273, 2000
- 25 Rogan A L and Lawson R M; Value and benefit of Slimdek construction, The Steel Construction Institute, SCI-P-279, 2001
- 26 Couchman G H, Mullett D L and Rackham J W; Composite slabs and beams using steel decking: Best practice for design and construction, Joint Publication: MCRMA Tech Paper 13; The Steel Construction Institute, SCI-P-300, 2000

- 27 Case studies on Slimdek, The Steel Construction Institute, SCI-P-309, 2002
- 28 Gorgolewski M T and Lawson R M; Acoustic performance of Slimdek – Meeting the new requirements of Part E of the Building Regulations (2003), SCI-P-321, 2003
- 29 Way A G J; Guidance on meeting the Robustness requirements in Approved Document A (2004 edition), The Steel Construction Institute, SCI-P-341, 2005
- 30 Smith A L, Hicks S J and Devine P J; Design of floors for vibration, The Steel Construction Institute SCI-P-354 2007
- 31 Way A G J and Couchman G H; Acoustic detailing for Steel Construction, The Steel Construction Institute SCI-P-372, 2008
- 32 Way A G S and Kendrick C; Avoidance of thermal bridging in steel construction, The Steel Construction Institute SCI-P-380, 2008
- Other documents**
- 33 The Construction (Design and Management) Regulations 2007 (CDM 2007) Health & Safety Executive, 2007
- 34 The Building Regulations 2000 (SI 2000/2531) plus amendment regulations, The Stationery Office. ISBN 0 11 099897 9. For latest revisions see [www.planningportal.gov.uk](http://www.planningportal.gov.uk)
- 35 Health Technical Memorandum 2045, The Department of Health, 1996
- 36 SHS Jointing Flowdrill and Hollo-Bolt, Corus Tubes Publication TD 384, Download available from [www.corusconstruction.com](http://www.corusconstruction.com)
- 37 AD 281: The Use of Discontinuous Columns in Simple Construction, The Steel Construction Institute
- 38 AD 283: The Use of Discontinuous Columns in Simple Construction (Part 2), The Steel Construction Institute
- 39 AD 285: Floor Systems for Simple Construction using Discontinuous Columns and Continuous Beams, The Steel Construction Institute
- 40 AD 288: Discontinuous Columns in Simple Construction: Beam-Column Connection, The Steel Construction Institute
- 41 AD 292: The Use of Discontinuous Columns and Shallow Deck Composite Slabs on Floor Beams, The Steel Construction Institute
- 42 Building Regulations 2000: Approved Document A – Structure; The Stationery Office, 2006. ISBN: 978 1 85946 200 3
- 43 Building Regulations 2000: Approved Document E - Resistance to the passage of sound; The Stationery Office 2006. ISBN: 978 1 85946 204 1
- 44 Technical Handbook 2007: Domestic, Section 5. Download available from [www.sbsa.gov.uk/tech\\_handbooks/tbooks2007.htm](http://www.sbsa.gov.uk/tech_handbooks/tbooks2007.htm)
- 45 DoE Technical Booklet G, 1990. Download available from [www.dfpni.gov.uk/br-booklets-sound](http://www.dfpni.gov.uk/br-booklets-sound)
- 46 Building Bulletin 93: Acoustic design of schools, a design guide, The Stationery Office. 2004. ISBN 0 11 271105 7
- 47 Robust Details Handbook 3rd Edition, Robust Details Ltd., 2007
- 48 Guide to the installation of deep decking; BCSA, 2007
- 49 British Constructional Steelwork Association (BCSA) Guidance Notes: Safer Erection of Steel-Framed Buildings, 1999
- 50 The Health & Safety Executive, Approved Code of Practice (ACoP) for revised CDM regulations, 2007
- 51 National structural steelwork specification for building construction. 5th edition; British Constructional Steelwork Association, 2007. ISBN 0 85073 052 X
- General reading**
- 52 Slimdek - Engineered Floor Solutions, Corus, 2000
- 53 Slimdek - Structure and Services Integration, Corus, 2000
- 54 Slimdek The Residential Pattern Book, Corus, 2004
- 55 The Prevention of Corrosion on Structural Steelwork, Corus, 2004