

The Eurocodes are a set of harmonised structural design codes for building and civil engineering works.

While the EN Eurocodes are the result of a long procedure of bringing together and harmonising the different design traditions across Europe, Member States still retain the exclusive competence and responsibility for the levels of safety of works. The differences in the environmental conditions and in the ways of life in the Member States also require flexibility in the National Application of the Eurocodes. For this reason Nationally Determined Parameters (NDPs) exist, these parameters are left open for national choice.

Choices for each Part are contained in accompanying National Annexes. A National Annex contains information to be used for the design of buildings and civil engineering works constructed in the country concerned, but is restricted to information which is left open in the Eurocodes for national choice and is within the limits cited in the Eurocode.

Full details can be found on www.nsai.ie

NSAI STANDARD SALES - Postal / PDF purchases
42/44 Northumberland Rd., Dublin 4
e-mail: info@standards.ie
Tel: + 353 (0) 1 857 6730 / 31
Fax: + 353 (0) 1 857 6729
Web: www.standards.ie

The sale of NSAI standards is operated in partnership with SAI Global - ILI Publishing



Purchase the full suite of NSAI Structural Design Eurocodes on our dedicated Eurocodes sales webpage:

www.standards.ie/catalogwb/eurocodes2010/

View before you buy

NSAI provide the facility to view standards in pdf format and purchase Irish standards in hardcopy format from the NSAI Standard Sales Office, 1 Swift Square, Northwood, Dublin 9.

The office is open between 10 AM to 1 PM and 2 PM to 5 PM. Make an appointment by contacting the Standard Sales Coordinator. Tel: 01 807 3868 or email: standards@nsai.ie

For more information, please visit:

NSAI.ie



EUROCODES Building for the Future

Implementation of Eurocodes in Ireland

NSAI has published all National Annexes to the Eurocodes. Eurocodes and National Annexes are now available for sale from: www.standards.ie and 01 857 6730



Implementation of Eurocodes in Ireland

National Annexes and superseded standards guide

Irish Standard (I.S. EN)	Abbreviated Title	Nat. Annex	Irish Standard (I.S. EN)	Abbreviated Title	Nat. Annex	I.S. & BS standards superseded
Eurocode 0 – Basis of structural design						
I.S. EN 1990: 2002	Basis of structural design	Yes				BS 811-1 & -2 BS 5400-1 & -2 BS 5628-1 BS 5950-1
Eurocode 1 – Actions on structures						
I.S. EN 1991-1-1: 2002	General actions - Densities, self-weight and imposed loads	Yes	I.S. EN 1991-1-6: 2005	General actions - Actions during execution	Yes	
I.S. EN 1991-1-2: 2002	General actions - Actions on structures exposed to fire	Yes	I.S. EN 1991-1-7: 2006	General actions - Accidental actions	Yes*	BS 5268-1 BS 5400-1, -2 & -3 BS 5628-1
I.S. EN 1991-1-3: 2003	General actions - Snow loads	Yes*	I.S. EN 1991-2: 2003	Traffic loads on bridges	Yes	BS 5950-1
I.S. EN 1991-1-4: 2005	General actions - Wind actions	Yes	I.S. EN 1991-3: 2006	Actions induced by cranes and machinery	No	BS 6399-1, -2 & -3 BS 8110-1, -2
I.S. EN 1991-1-5: 2003	General actions - Thermal actions	Yes	I.S. EN 1991-4: 2006	Silos and tanks	No	
Eurocode 2 – Design of concrete structures						
I.S. EN 1992-1-1: 2005	General rules and rules for buildings	Yes	I.S. EN 1992-2: 2005	Concrete bridges - Design and detailing rules	Yes	I.S. 326 BS 5400-4, -7 & -8 BS 8007
I.S. EN 1992-1-2: 2005	General rules - Structural fire design	Yes	I.S. EN 1992-3: 2006	Liquid retaining and containment structures	No	BS 8110-1, -2 & -3
Eurocode 3 – Design of steel structures						
I.S. EN 1993-1-1: 2005	General rules and rules for buildings	Yes	I.S. EN 1993-1-11: 2006	Design of structures with prefabricated tension components	Yes	
I.S. EN 1993-1-2: 2005	GR - Structural fire design	Yes	I.S. EN 1993-1-12: 2007	Additional rules for the extension of EN 1993 up to grades S700	Yes	
I.S. EN 1993-1-3: 2006	GR - Supplementary rules for cold-formed thin gauge members and sheeting	Yes	I.S. EN 1993-2: 2006	Steel Bridges	Yes	
I.S. EN 1993-1-4: 2006	GR - Supplementary rules for stainless steels	Yes	I.S. EN 1993-3-1: 2006	Towers, masts and chimneys - Towers and masts	Yes	BS 449-2 BS 4076
I.S. EN 1993-1-5: 2006	Plated structural elements	Yes	I.S. EN 1993-3-2: 2006	Towers, masts and chimneys - Chimneys	Yes	BS 4604-1 & -2 BS 5400-3
I.S. EN 1993-1-6: 2007	General - Strength and stability of shell structures	Yes	I.S. EN 1993-4-1: 2007	Silos, tanks and pipelines - Silos	No	BS 5950-1, -5, -6, -8 & -9 BS 8100-1 to -4
I.S. EN 1993-1-7: 2007	General - Strength of planar, plated structures loaded transversely	No	I.S. EN 1993-4-2: 2007	Silos, tanks and pipelines - Tanks	No	
I.S. EN 1993-1-8: 2005	Design of joints	Yes	I.S. EN 1993-4-3: 2007	Silos, tanks and pipelines - Pipelines	No	
I.S. EN 1993-1-9: 2005	Fatigue strength of steel structures	Yes	I.S. EN 1993-5: 2007	Piling	Yes	
I.S. EN 1993-1-10: 2005	Material toughness and through-thickness properties	Yes	I.S. EN 1993-6: 2007	Crane supporting structures	Yes	
Eurocode 4 – Design of composite steel and concrete structures						
I.S. EN 1994-1-1: 2005	General rules and rules for buildings	Yes	I.S. EN 1994-2: 2005	Bridges	Yes	BS 5400-5 BS 5950-2, -3.1 & -4
I.S. EN 1994-1-2: 2005	General rules - Structural fire design	Yes				
Eurocode 5 – Design of timber structures						
I.S. EN 1995-1-1: 2005	General - Common rules and rules for buildings	Yes	I.S. EN 1995-2: 2005	Bridges	Yes	II.S. 193* & .S. 444* BS 5268-2, -3, -4.1, -4.2, -5, -6.1, -6.2, & -7.1, to -7.7
I.S. EN 1995-1-2: 2005	General - Structural fire design	Yes				
Eurocode 6 – Design of masonry structures						
I.S. EN 1996-1-1: 2005	Common rules for reinforced and unreinforced masonry structures	Yes	I.S. EN 1996-2: 2006	Design, Selection of materials and execution of masonry	Yes	
I.S. EN 1996-1-2: 2005	General rules - Structural fire design	Yes	I.S. EN 1996-3: 2006	Simplified calculation methods and simple rules	Yes	I.S. 325-1* & 2* BS 5628-1, -2 & -3
Eurocode 7 – Geotechnical design						
I.S. EN 1997-1: 2005	General rules	Yes	I.S. EN 1997-2: 2007	Ground investigation and testing	No	BS 8002, BS 8004 BS 8006, BS 8081
Eurocode 8 – Design of structures for earthquake resistance						
I.S. EN 1998-1: 2005	General rules, seismic actions and rules for buildings	No	I.S. EN 1998-4: 2006	Silos, tanks and pipelines	No	
I.S. EN 1998-2: 2006	Bridges	No	I.S. EN 1998-5: 2005	Foundations, retaining structures and geotechnical aspects	No	
I.S. EN 1998-3: 2005	Strengthening & repair of buildings	No	I.S. EN 1998-6: 2005	Part 6: Towers, masts and chimneys	No	
Eurocode 9 – Design of aluminium structures						
I.S. EN 1999-1-1: 2007	Part 1-1: General rules	Yes	I.S. EN 1999-1-4: 2007	Part 1-4: Supplementary rules for trapezoidal sheeting	Yes	
I.S. EN 1999-1-2: 2007	Part 1-2: General - Structural fire design	Yes	I.S. EN 1999-1-5: 2007	Part 1-5: Supplementary rules for shell structures	Yes	BS 8118-1 & -2
I.S. EN 1999-1-3: 2007	Part 1-3: Additional rules for structures susceptible to fatigue	Yes				