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## Eurocode 1: Actions on Structures (Loadings)

Eurocode 1	Title	Standards superseded
BS EN 1991–1–1	Densities, self-weight and imposed loads	BS 6399: Part 1 and BS 648
BS EN 1991–1–2	Actions on structures exposed to fire	
BS EN 1991-1-3	Snow loads	BS 6399: Part 2
BS EN 1991-1-4	Wind actions	BS 6399: Part 3
BS EN 1991-1-5	Thermal actions	
BS EN 1991-1-6	Actions during execution	
BS EN 1991-1-7	Accidental actions	
BS EN 1991-2	Traffic loads on bridges	BD 37/01/ BS 5400 Part 2
BS EN 1991–3	Actions induced by cranes and machinery	
BS EN 1991-4	Silos and tanks	

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EN 1991-1-1 gives design guidance and actions for the structural design of buildings and civil engineering works, including the following aspects:

- densities of construction materials and stored materials;
- · self-weight of construction elements, and
- imposed loads for buildings.

EN 1991-1-1 is intended for clients, designers, contractors and public authorities.

EN 1991-1-1 is intended to be used with EN 1990, the other Parts of EN 1991 and EN 1992 to EN 1999 for the design of structures.

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Section 1 to 5 – Descriptives

Section 6 Imposed loads on buildings

Table 6.1 Categories of use

Table 6.2 Imposed loads in buildings

Annex A Tables

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Category Specific Use	Example
A Areas for domestic and residential activities	Rooms in residential buildings and houses; bedrooms and wards in hospitals; bedrooms in hotels and hostels kitchens and toilets.
B Office areas	
C Areas where people may congregate (with the exception of areas defined under category A, B, and D <sup>1)</sup> )	C1: Areas with tables, etc. e.g. areas in schools, cafés, restaurants, dining halls, reading rooms, receptions.  C2: Areas with fixed seats, e.g. areas in churches, theatres or cinemas, conference rooms, lecture halls, assembly halls, waiting rooms, railway waiting rooms.  C3: Areas without obstacles for moving people, e.g. areas in museums, exhibition rooms, etc. and access areas in public and administration buildings, hotels, hospitals, railway station forecourts.

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