

Table 1: Design Service Life Table for Different Types of Structures

Design Service life t_{SL} (Years)	Examples
10	Temporary structures (structures or parts of structures that can be dismantled with a view to being re-used should not be considered as temporary)
10 – 25	Replaceable structural parts, e.g. gantry girders, bearings
15 – 30	Agricultural and similar structures
50	Building structures and other common structures
50-75	High rise structures, critical/important buildings such as hospitals
100 or more	Monumental buildings structures, bridges, and other civil engineering structures

Durability Of Engineering Structures

Albert A Gayle



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