IS 2553 Part 1 : 1990

Safety Glass - Part 1: General

Ask about IS 2553… e.g. "min cover for severe exposure"

IS 2553:1990 Part 1 is the Indian Standard (BIS) for safety glass - part 1: general. This standard specifies the requirements and testing methods for general purpose safety glass (toughened and laminated) used in architectural, building, and structural applications. It sets benchmarks for dimensional tolerances, impact resistance, fragmentation safety, and optical clarity.

> *Lays down general requirements for safety glass used in buildings.*

Quick Reference — IS 2553 Part 1:1990 Safety Glass

Key reference values — verify against the current code edition / project specification.

✓ Verified 2026-05-15

REFERENCE	VALUE	CLAUSE
Subject	**Safety glass — general requirements**	Scope
Types	**Toughened (tempered) & laminated safety glass**	Types
Toughened	**Breaks into small blunt fragments (≈4–5× strength)**	Property
Laminated	**Interlayer retains fragments on breakage**	Property
Use	**Doors, facades, overhead, balustrades (per NBC)**	Application
Read with	**NBC Part 6 / IS 2553 other parts**	Cross-ref