

FAQs

1. Discuss application of toughened glass

- Toughened glass is used in buildings for **unframed assemblies** (such as frameless glass doors), structurally loaded applications, and any other application that would become dangerous in the event of human impact.
- Tempered and heat strengthened glass **can be three to seven times stronger than annealed glass**. Building codes require tempered or laminated glass in several situations including some skylights, near doorways and stairways, large windows, windows which extend close to floor level, sliding doors, elevators, fire department access panels, and near swimming pools.

2. Discuss application of laminated glass

Safety glass is used in hundreds of different applications, listed below are just a few

- Skylights
- Balustrades
- Solarium roofs
- Recording Studios
- Glazed doors and side panels
- Gymnasiums
- Household furniture.
- Kitchen cabinet glazed doors and shelving.
- Bathroom shelving.
- Shop Windows.
- Shopping Centres.
- Public bar, shelving, partitions and mirrors

3. Discuss application of wired glass

- Wired glass is widely applicable to those public and private places that **comprehensively require fire-proof**, violence-resistant, shock-resistant, sunlight passing but clear view preventing and decorating, for example, industrial building, workshop, store, basement and parking area, etc.
- Apart from the above **emergency exit windows or exit ways in staircases** and hallways could benefit by use of Wired glass in an efficient manner

- Wired glass is well-rated to withstand both heat and hose streams and is used on **service elevators to prevent fire ingress to the shaft**

4. Write about structural glass

- The term 'structural glass' is a wide reaching product term used to describe a large number **of frameless glass assemblies** where the glass itself is taking an element of the structural loads that are applied to the elevation or surface.
- These types of structural glass assemblies include **walk on structural glass panels** to be used as floor lights within a solid structure or as a full glass floor. Frameless glass balustrades are another well used element of structural glass, used to create a clear, frameless glass safety barrier against a fall or level change.

5. Discuss application of glass blocks

- Architects have encouraged other uses of glass blocks in buildings than only on **staircases and the facades of industrial buildings.**
- The glass blocks have made themselves at home in ordinary buildings.
- Beginning with large numbers in bathrooms in the form of **shower walls, and in later years in all rooms as partitions, skylights in kitchens, stairs etc..**