Facade glazing: combine the properties

Treatments, coatings and glazing units can be combined.

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1 Safety and retention

Specify the required impact safety and post-breakage behaviour. Toughened and laminated glass serve different purposes.

2 Thermal performance

Compare glass and whole-window/facade performance separately, including frames and edge effects.

3 Solar control

Balance solar heat gain, daylight, glare and appearance. Low-E and solar-control coatings are not interchangeable.

4 Acoustics

Specify tested glazing configurations for the noise spectrum and facade requirements.

5 Pattern and privacy

Tint, reflective coatings and ceramic frit affect light and appearance; they do not automatically establish safety performance.

6 Engineer the assembly

Check wind loads, support, seals, thermal stress, fire requirements and replacement access.

Specify a complete glazing configuration and supporting test data, rather than choosing one category label.

REFERENCE GUIDANCE

GOV.UK: Approved Documents (England)

Use current product instructions and the approved project design. For regulations, confirm the UK nation, applicable edition and transitional arrangements.

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