



Information about louvre window GG STEP-CASCADED GLASS BT 50 / BT60



GG STEP-CASCADED GLASS BT 50 / BT60

As an all-glass system the GG Step-cascaded glass also impresses by its flush-mounted appearance, which is achieved by overlapping horizontal glass edges that are designed in steps. Like the GG SK30, the frame construction is made of extruded aluminium profiles with a frame construction depth of 50 or 60 mm and a frame face width of 38 mm. The GG Step-cascaded glass is approved as a natural smoke and heat extraction system according to DIN EN 12101-2:2003.

Louvre blades:

Slats are made of a point-supported 2-fold VSG glazing (laminated safety glass) (TVG (partly toughened glass) or ESG (single safety glass) panes) with circumferentially polished glass edges. Glass slats come standard with axle bearings.

Glass thicknesses: BT50 - 8 mm, BT60 - 12 mm

Variable slat height: 120 – 300 mm

Sealings:

Lateral with felt seal and sealing brushes, frame gasket made of silicon.

Technical specification tested as per DIN EN 12101-2:2003:

- BT50 - Aerodynamic: $C_v = 0,52 - 0,59$ (opening angle 78°)*
- BT60 - Aerodynamic: $C_v = 0,48 - 0,54$ (opening angle 64°)*
- Structural stability under wind load WL 1500

* subject to model and size.

Further technical data on page 2.

Possible sizes:

Minimum frame width = 300 mm

Maximum frame width BT50 = 1500 mm (1400 NRWG)

Maximum frame width BT60 = 1800 mm

(broader elements are available divided by glazing bars)

[Link to GG Step-cascaded glass BT50 cross section](#)

[Link to GG Step-cascaded glass BT60 cross section](#)

