



NIKA Balcony glazing is suitable for the balconies of both multi-storey and private homes. Balcony glazing allows year-round use of the balcony and adds living comfort. It restricts the entrance of water, snow, soot, dust and rubbish into the balcony and assists in maintenance. Glazing insulates against wind and noise and also increases the heat insulation capabilities of the balcony wall. Glazing protects structures and increases the usable life of the balcony.

Structure

NIKA Balcony glazing is easy to use and functionally reliable. The glazing system is based on a structure that is supported from above without vertical frames and is always a made-to-order project. The horizontal upper and lower profiles are attached to the ceiling and railing structures of the balcony. The tempered glass elements are placed between these profiles. Aluminium glass mouldings are fixed to the upper and lower parts of the glass elements. Hinge and slide

mechanisms are fixed to the mouldings of the glass, and these mechanisms are attached to the upper and lower profiles. The system covers the entire balcony opening in one tier. The thickness of the balcony glass varies in the range 6–10 mm.

Use of the balcony glazing

The glasses are opened and closed by sliding them in succession along the slide rail of the upper edge and the guide rail of the lower edge. The glasses open individually to the side walls of the balcony, wherein the balcony opening can be made completely free. In balconies having several sides, the glasses can be moved over the $+90^\circ - +270^\circ$ angles, provided that there are no structural barriers at these angles. Seals are always used between the wall and the glazing. Balcony ventilation is ensured by 2...4 mm gaps between the glasses; in door glazing the gap may be larger to ensure opening. The first glass also functions as a ventilation glass, which can be locked into two different ventilation positions.

The glazing does not make the balcony watertight, and for this reason all outdoor furniture and materials should be weatherproof.

