

ARDON GP2600

Glass canopy system with integrated awning without front supports, which is designed for a maximum snow load of up to 300 kg /m². The design, made of extruded aluminium system profiles, is glazed using 10mm laminated safety glass. The design is comprised of a wall junction profile to which the longitudinal joists are attached using clamps which, in turn, are positioned on a crossbeam and are also attached using clamps. Between, or on, the longitudinal joist, is the 10 mm LSG sealed using a rubber seal and which is fixed using a clamping bar. For wall fixing a tie rod system made of chrome steel for a suspended solution or 2 powder-coated/ galvanised support frames for the supported alternative can be chosen.

Shading

The shading awning positioned at the top with motor drive has a covering with a standard acrylic awning cover of approximately 300 g/m². The awning is extended and retracted using a 230 V / 50 Hz alternating current tubular motor and electronic end position shutdown, thermal protection, protection class IP44 (splash water), connection cable in lengths of 50 cm with or up to 150 cm without Hirschmann plug.

The cover box for the fixed shading is fully integrated in the design in the cut-out longitudinal joists. When the drop profile is retracted, the box is completely closed. A roof profile and a cover fitting comprise the connection to the wall.

Two of the longitudinal joist profiles are used as guide rails for the extendable awning and, at the same time, for holding the required gas spring components. Both of these profiles are fitted with an additional extension component which projects over the glazed part of the construction when extended. When retracted, the extension component is secured in the lock provided. The mounted runners with plastic-mounted rollers, which are connected on the one hand to the gas spring/cable pull and, on the other to the cover, enable a smooth and taut winding and unwinding of the cover.

Options:**Water runoff with outflow**

The water runoff is comprised of a gutter, a side cover with outflow (left or right optional) and a closed side cover. The entire water runoff is attached to the canopy using gutter brackets per longitudinal joist.

Integrated LED lighting

The crossbeam contains a groove for integrated lighting in which, depending on the total width of the system, one or several LED strips (light source warm white) can be installed. It is covered by an opal white plastic reflector profile. Operation: using the on site ON/OFF switch or On/Off radio variants and dimmable.

Supply type

Glass roofing system assembled as far as possible. Longitudinal joists and crossbeams pre-assembled, awning assembled with mounted cover, wall junction profile, mounting systems and other individual parts supplied loose without mounting material.