## SIEGENIA: now for aluminium sashes up to 170 kg

# Aesthetic, high load-bearing capacity, long service life – ALU axxent PLUS

With an enhancement of the ALU axxent PLUS, which, with its concealed appearance, supports the clean lines of contemporary architecture with narrow profiles, SIEGENIA now extends the freedom of design for architects, planners and fabricators: the hinge side with its elegant design can now bear sash weights of 170 kg. This allows the achievement of generous glazed areas with high light incidence – also in conjunction with energy-efficient triple glazing and further heavy, special glazing options. The use of additional tilt limiters on the stays is responsible for the load-bearing capacity of the hinge side being increased by 20 kg. They reduce the opening width while tilting and ensure that even heavy sashes can be operated easily and conveniently.

The additional performance features of the hinge side are also convincing. For instance, the use of non-corrosive materials ensures that the surface is protected long-term and provides maximum durability. This makes the ALU axxent PLUS an ideal solution for high-end commercial projects, which can be additionally enhanced through combination with the ALU GLOBE RR design handle with its unobtrusive ring rosette. The possibility of burglar resistance up to RC3 fulfils even the highest standards.

#### Easy, efficient fabrication

Fabricators benefit in production and assembly from the high efficiency of the ALU axxent PLUS. Its design is identical to that of the predecessor version, meaning that fabricators will be able to retain their established workflows and benefit from the numerous fabrication advantages of the efficient hinge sides. These include, for example, the clip-in mounting, preassembled or self-positioning components as well as a minimum frame clearance of 10 mm. All installation work steps also remain unchanged. The quick and easy lift-in of the sash as well as the 3D adjustability ensure efficient processes. The well-thought-out logistics concept with time and cost saving in production and assembly offers additional benefits to fabricators.

#### The powerful ALU complete range

From window and sliding door hardware, ranging to closing and locking systems for entrance doors, the ALU complete range from SIEGENIA covers the entire spectrum of possible applications. The hardware and hinge technology is supplemented by smart drive and access control systems with a wide range of additional functions that can be operated and monitored conveniently and intuitively via the SIEGENIA Comfort app.

#### Caption

Image database: SIEGENIA

*Image: SIE\_ALU\_axxent\_PLUS\_Ecklager.jpg*

Now for 170 kg sash weight: the ALU axxent PLUS hinge side from SIEGENIA enables the achievement of generous glazed areas with high light incidence and narrow profiles.

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