## For heavy door leaves weighing up to 180 kg: the concealed ALU axxent 750 door hinge from SIEGENIA

# Elegant look – efficient fabrication

This innovative door hinge for aluminium front doors combines a contemporary design in on-trend black with noticeable extra benefits for fabricators and end users: the ALU axxent 750 concealed door hinge, which SIEGENIA is currently preparing for launch to the market. It outshines other available solutions with its high load capacity of up to 180 kg and creates the ideal conditions for a high level of room comfort and energy efficiency. The concealed technology gives doors a decidedly elegant, high-quality look. The versatile design of the door hinge in jet black (RAL 9005) or white aluminium (RAL 9006) also adds visual impact.

In addition to the high-quality aesthetic, end users will particularly appreciate how easy it is to use. Thanks to the low-friction door hinge bearing, the door leaf can turn smoothly and effortlessly to an opening angle of up to 105°, even when heavy weights are involved. Fabricators, on the other hand, can benefit from the ability to achieve burglar resistance up to RC2 without any additional components.

#### Clear strengths in fabrication and assembly

The new door hinge also excels when it comes to efficiency in fabrication: it is quick and easy to adjust using the 3D adjustment mechanism that is integrated into the leaf component and enables automated installation without needing to loosen the load-bearing screws. Unlike other solutions, no additional components are required in order to adjust the height. The use of automation in production is also supported thanks to the self-tapping screws. This ensures stable connections and extremely good durability, which is also evidenced by the internal testing carried out by SIEGENIA, which includes up to 1 million cycles. The intuitive "click in" technology ensures safe and reliable operation. The ALU axxent 750 concealed door hinge impresses when it comes to installation, too. To achieve this, SIEGENIA has optimised the geometry of the door hinge to make it suitable for a large number of different aluminium profile systems – without the need for additional milling or post-processing work.

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#### Captions

Image database: SIEGENIA

*Image I: SIE\_KFV\_ALU axxent 750 door hinge\_black\_silver\_detail\_press.jpg*

A contemporary design in silver or on-trend black: the ALU axxent 750 concealed door hinge from SIEGENIA accommodates heavy door leaves weighing up to 180 kg and provides burglar resistance up to RC2 without any additional parts.

Ein Bild, das Scharnier enthält.

Automatisch generierte Beschreibung

*Image II: SIE\_* *KFV\_ALU axxent 750 door hinge\_black\_detail\_mounted\_press.jpg*

Its concealed technology lends the ALU Axxent 750 door hinge a decidedly elegant, high-quality look, which is combined with outstanding ease of use. The door leaf can turn smoothly and effortlessly, even when heavy weights are involved.

Ein Bild, das Elektronisches Gerät, Elektronik, Im Haus enthält.

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