## Forget having to make adjustments: the new BS 3700 automatic multi-point locking system from SIEGENIA

# Integrated self-adjustment for safety and zero-maintenance operation

This completely new solution from SIEGENIA offers fabricators tangible added value: the BS 3700 automatic multi-point locking system for doors made from all types of material. One truly unique feature of the innovative multi-point locking system is its integrated self-adjustment mechanism with locking elements and hook bolts. The intelligent design of the elements and the matching frame parts means that, within the functional dimensions of the door, tedious readjustment on site – due to critical installation locations or thermal influences, for example – will no longer be necessary at any point in the door's life cycle. That saves door producers a considerable amount of time and money.

The principle of the BS 3700 automatic multi-point locking system is as simple as it is effective:

As soon as the bolt-shaped locking elements come to a standstill, before even reaching the end position – for example due to tolerances when they go into the frame part – they are locked by a back stop device. This holds the door sash in position and ensures that it is securely locked. The automatic 20 mm projection of the hook bolt and main lock bolt also ensures a high level of security with a backset of as little as 35 mm. In addition to the three locking points, the option of activating the child-proof lock also provides peace of mind. It is enabled using the cylinder lock and prevents the lever handle from moving. The door also opens effortlessly and smoothly, because the low-friction material combinations used in the BS 3700 automatic multi-point locking system are designed for maximum ease of use. This can be further optimised if required by installing an A-opener that opens the door electromechanically.

#### End users can use any combination of options

The new BS 3700 automatic multi-point locking system also boasts outstanding flexibility. All upgrades can be used in any combination, allowing fabricators to configure the multi-point locking system as required to meet the needs of end users – from the optional A-opener or the safety lock to the extension pieces for 3 m high doors. The daytime release TA also offers additional design freedom and is suitable for retrofitting, too.

#### Easy fabrication – efficient retrofitting

Door producers benefit from the sophisticated production and installation features of the BS 3700 automatic multi-point locking system. For example, the DIN direction can be changed quickly and easily, simply using the main lock latch. It is also easy to replace previously installed key-operated and automatic multi-point locking systems (AS2xxx, BS2xxx or AS3xxx). Besides replacing the existing multi-point locking system with the new BS 3700, it merely involves removing the Q-adjustments in the frame parts and replacing them with F-backings.

#### Caption

Image database: SIEGENIA

*Image: SIE\_KFV\_BS 3700.jpg*

Providing maximum added value for fabricators: thanks to the self-adjustment feature of the BS 3700 automatic multi-point locking system from SIEGENIA, tedious readjustment on site will no longer be necessary at any point in the door's life cycle.

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