## Opening restrictors from SIEGENIA: room comfort solutions for aluminium sashes

#### With a focus on certified safety for children and convenience

These two options both provide producers of aluminium windows with a wide range of options when it comes to room comfort: the safety opening restrictor and the comfort opening restrictor for the ALU hardware family from SIEGENIA. Thanks to their clever design, there is no need for additional release mechanisms on the window sash. This gives them a discreet, attractive appearance as well as ensuring intuitive and safe operation.

#### Certified safety: reliable protection for small children

SIEGENIA offers reliable protection for your kids with the childproof version with certification in accordance with EN 13126-5. This gives fabricators and end users the security of a solution that doesn't compromise on quality. There are two restrictors per sash, which limit the opening width in the turning position to less than 89 mm in accordance with the standard. If required – to clean the windows or for maintenance purposes, for example – authorised individuals can easily release the opening restrictor manually thanks to a lockable window handle with a tilt-before-turn function. This means that the sash can be fully opened at any time. The closing process is also well thought-out: when the handle is turned back to the locking position, the restrictors automatically engage to restore the child-proof function. One new feature now available is the anti-slam device, which locks the sash securely in the ventilation position.

#### Convenience in just one step

The comfort opening restrictor is ideal for applications without any specific safety requirements and also has an opening width of less than 89 mm when in the turning position. In this variant, however, the opening restrictor is particularly easy to deactivate with just one simple, user-friendly action. For this purpose, the window sash is equipped with a moveable component that can be used to release the opening restrictor. This allows the sash to be opened quickly and as wide as necessary. The comfort opening restrictor engages automatically when the window is closed.

#### Easy integration in the production line

The two opening restrictors also have distinct benefits in production. They are easy to integrate into existing production processes thanks to their compatibility with the SIEGENIA ALU hardware portfolio. There is no need for additional holes or milling on the sash side.

#### Captions

Image database: SIEGENIA

*Image I: SIE\_ALU\_safety opening restrictor.jpg*

The safety opening restrictor from SIEGENIA for aluminium windows is certified in accordance with EN 13126-5 and provides reliable protection for small children. One new innovation is the anti-slam device, which locks the sash securely in the ventilation position.

*Image II: SIE\_ALU\_comfort opening restrictor.jpg*

The comfort opening restrictor from SIEGENIA limits the opening width of aluminium window sashes to less than 89 mm when in the turning position. The opening restriction mechanism is particularly easy to disengage in this version.

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