## Unique design

# PORTAL HS: Creating high-quality lift and slide elements

### SIEGENIA makes the technology and functioning of lift and slide elements one of the nicest things in the world with the ECO PASS SKY axxent threshold and the new cover caps in cube design for PORTAL HS. Fabricators therefore obtain design possibilities that no other hardware system can currently offer.

#### ECO PASS SKY axxent: aesthetic, high-quality, watertight

This solution sets new standards: With ECO PASS SKY axxent, the achievement of lift and slide elements made of timber-aluminium with zero-barrier threshold and level passage to the outside is possible. For this purpose, the zero-threshold combines the tried and tested strengths of the ECO PASS threshold with unique design benefits that make the lift and slide elements eye catching.

This begins with the optical adaptation of the threshold to the frame material, where the running rail is embedded in timber – without sloping. This provides a really elegant appearance. Just as elegant are the two grid designs, CUBE drain and STYLE drain, which further upgrade the appearance of the element. STYLE drain is also suitable for use in combination with a drainage gutter. The design harmonisation of threshold and exterior area gives the appearance that it is all one unit. The option of lighting the passageway from below fulfils requirements for sophisticated premium solutions.

ECO PASS SKY axxent can also be convincing for sill installation. In terms of a qualitatively and functionally high-quality fabrication-friendly comprehensive solution, SIEGENIA has cooperated with a leading drainage system manufacturer to achieve this purpose. As supplementation to the ECO PASS threshold programme from SIEGENIA, the new solution also stands out for its high level of ease of fabrication. This ranges from the compatibility with other system components and its high degree of preassembly, up to its simple integration in the fabrication processes.

#### Sash cover caps in cube design: concealed is elegant

In addition, the second new solution for PORTAL HS fulfils maximum optical demands - the cube design of the new cover cap. The streamlined designed cap replaces the previous sash cover caps made of PVC with high-quality metal covers, thus providing an aesthetic appearance. With a height of only two millimetres, it is unobtrusive, has an elegant appearance and can be adapted to all handle colours, in contrast to the conventional PVC solutions on the market. The screwing is also invisible.

The integration of the stopper in the guiding rail is also of excellent quality. Its flat design provides a discreet, virtually concealed appearance. A further enhancement of the room comfort is provided by the new solution due to its ease of use with the DRIVE axxent HSA smart motorised drive. The cube design cover caps will be available in the course of the summer.

#### Captions

Image database: SIEGENIA

*Image I: SIE\_PORTAL\_ECO PASS SKY axxent\_detail.jpg*

ECO PASS SKY axxent permits the achievement of lift and slide elements made of timber-aluminium with zero-barrier threshold, combining this with unique benefits of design.

*Image II: SIE\_PORTAL\_HS\_cube design.jpg*

The streamlined cube design of the cover caps with metal covers gives it a valuable and unobtrusive appearance.

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