## ECO PASS barrier-free 0-mm threshold from SIEGENIA

# Maximum accessibility now also for the first PVC profile system

Uncompromising accessibility: the ECO PASS 0-mm level threshold for the PORTAL HS enables access to the outside without even the slightest obstacle. Thanks to a running rail that is recessed entirely into the profile, it offers convenience and quality of life for every generation – and without any inclines. This uniform level is also extremely appealing from a design perspective, thanks to the visually pleasing transition from indoors to outdoors. This makes it an ideal solution for high-end commercial buildings and retirement homes, for example. All aspects of the sill installation are high quality thanks to certification of the threshold according to the stringent MO-01/1 regulations from ift Rosenheim, which test the tightness of the building envelope. SIEGENIA is now expanding the range of applications for the ECO PASS 0-mm level threshold. In addition to its use in lift-and-slide elements made of timber and timber-aluminium, it is now also possible to fabricate the threshold in a first PVC profile system.

The ECO PASS 0-mm level threshold combines the topic of barrier-free accessibility with other aspects of room comfort. Its attractive appearance and sleek design emphasise the elegance and quality of the PORTAL HS. Energy efficiency is also a key focus, as ECO PASS has very good thermal insulation values. In addition, the new threshold ensures room comfort due to its excellent watertightness: thanks to two-level drainage, the same standard of watertightness is achieved as with the conventional thresholds with sloped water drainage channels.

#### Time and cost benefits in fabrication and assembly

The ECO PASS 0-mm level threshold will impress fabricators with its intelligently designed, efficient fabrication and assembly, such as its modular system to facilitate lean warehousing and the retention of familiar manufacturing steps. The precisely fitting substructure profiles are quick to install across the entire threshold depth and ensure stability and consistently high ease of use in the floor recess. The production of lift and slide elements is more efficient than ever due to the delivery of the threshold as a COMFORT UNIT. It enables fabricators to purchase made-to-order ECO PASS thresholds as a complete package.

#### Certified complete solutions for sill installation

The ECO PASS threshold range from SIEGENIA also offers high-quality results for all aspects of professional sill installation. In addition to a design with vertical and horizontal sealing plates, sealing wedges and base profiles, fabricators can also opt for a solution with a SIEGENIA connection flange. It makes the professional sealing of the structural element simple and consistently reliable, especially in applications with roller shutter guide profiles or timber-aluminium elements, for example. Both variants have been tested as complete solutions with carefully coordinated thresholds, connection joint tape and seal with liquid plastic in accordance with MO-01/1 from ift Rosenheim. The horizontal sealing plate is available in a solution that ensures process reliability. Instead of using a sealant, it is clipped in place with a rolled seal. This prevents water from accumulating behind the seal and, in the worst case, flowing from there into the masonry.

#### Planning assistant for barrier-free installations

To make the design and implementation of barrier-free access to balconies and patios as simple as possible, SIEGENIA has also teamed up with the waterproofing specialist Triflex as well as Profine, Schöck and ACO. The practical planning tool developed by the five companies, which is available at [www.planungshelfer-fensteranschluss.de](http://www.planungshelfer-fensteranschluss.de), facilitates the development of multi-disciplinary interface solutions. It also includes a planning solution for the ECO PASS threshold. The testing carried out by ift Rosenheim is a guarantee of its quality.

#### Captions

Image database: SIEGENIA

*Image I: SIE\_PORTAL\_HS\_ECO PASS\_0-mm level threshold\_interior\_press.jpg*

Extended range of applications: the ECO PASS 0 mm level threshold from SIEGENIA can now also be used in the first profile system made of PVC.

*Image II: SIE\_PORTAL\_HS\_ECO PASS\_0-mm level threshold\_profile\_press.jpg*

Pure barrier-free accessibility: the new ECO PASS 0 mm level threshold for the PORTAL HS from SIEGENIA makes it possible to provide access to the outside without even the smallest of obstacles.

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