

Rehau, January 2019



LAMILUX: New ventilation flap for mullion-transom constructions

Virtually seamless integration in the glass roof

The new LAMILUX Ventilation Flap PR60 is almost invisibly nestled in the glass roof surface. In this regard, it is not only possible to integrate it in the LAMILUX Glass Roof PR60, but also in all other mullion-and-transom systems available on the roofing market. A special highlight of the new development: The thermal engineering of the flap.



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PRESS RELEASE

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LAMILUX has decades of experience with the theme of glass for flat roofs. Its products have undergone continuous development, and are customised to meet customer requirements. And this is the background to the creation of the LAMILUX Glass Roof PR60, with a design that brings complete installation versatility. It is designed, manufactured and installed by LAMILUX itself – including ventilated elements. The continuous development process thereof has resulted in a new ventilation flap.

Sleek design

Apart from aesthetic considerations, it is the daylight intake that is most essential aspect of designing a glass roof. Even better, when this aspect is enhanced by the sleek frame profile of the construction, which does not protrude even at greater heights. The concealed chain drive is also discretely integrated into the profile system. The ventilation flap is almost invisibly nestled in the glass roof surface, without any noticeable reduction in the light intake. And from the exterior, the flap also matches the smooth upper surface, and integrates virtually seamlessly into the design. This not only reduces the accumulation of dirt around the edges, it also contributes to the appearance of a uniform, model surface look.

And what's more, this homogeneity is not only possible with the LAMILUX Glass Roof PR60, but also with all other mullion-and-transom systems available on the market. This also makes the flaps an attractive solution for renovation projects.

Optimised energy management

Even in its standard version, the LAMILUX Ventilation Flap PR60 boasts a highly efficient U value – thermally insulated and free of thermal bridges. The flap is also available in a Passive House-certified version, and contributes to the active energy management systems of modern buildings.

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In-house steel construction

If a glass roof construction is required to cover large-sized spans, the mullion-transom system will need support from a steel sub-structure. And with its subsidiary company Mirotec, LAMILUX has the right specialist to help it here: The customer is supplied with a single source steel/glass construction – and once again the new LAMILUX Ventilation Flap PR60 can be virtually seamlessly integrated into it. This combination of span size and aesthetics guarantees elegant flat-roof designs, even with large-scale projects.

Official product sales launch is 1st April 2019.

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About LAMILUX Heinrich Strunz GmbH

LAMILUX has been manufacturing high-quality daylight systems made from plastic, glass and aluminium for more than 60 years. Architects, construction engineers, planners and roofers use **LAMILUX CI Systems** when building industrial facilities, commercial buildings and industrial shed complexes as well as private residences. The purpose of these structures primarily consists in optimising the use of natural light and guiding it into building interiors. Fitted with controllable flap systems, they also serve as smoke and heat exhaust ventilation systems (SHEV) and energy-efficient building systems providing natural ventilation. The unique **LAMILUX CI Systems** range includes a wide variety of different structures – from rooflight domes and continuous rooflights through to glass roof constructions in aesthetically pleasing shapes. The company also offers considerable expertise in developing and manufacturing building control systems for activating and automating both smoke and heat exhaust systems as well as ventilation and solar protection installations. The LAMILUX Group currently has around 1150 employees [as of October 2018]. In 2015, LAMILUX achieved a combined turnover of EUR 263 million from its two corporate divisions, **LAMILUX Daylight Systems** and **LAMILUX Composites**.

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