OPERATING PRINCIPLE OF THE CONCEALED REBATE PRESSURE CATCH

The illustration below shows the operating principle in detail. The rebate pressure catch is installed on a demonstration window corner used to show the product to individual customers (a so-called “jaw” sample). When the sash is closed, the catch engages with the frame. This solution also works when the frame deforms due to temperature differences: the catch continues to draw the sash towards the frame and vice versa.

In addition, a specially shaped stop on the frame-mounted part of the catch provides a built-in installation check. If the catch is fitted incorrectly, the stop prevents the window from closing.



Prevents installation errors

When frames and sashes are assembled separately, installation errors can occur. With conventional solutions, an incorrectly fitted pressure catch may be difficult to detect. In our proposed design, the error is immediately apparent: a window fitted incorrectly simply will not close. The correctly designed angle of the contact surface, which presses the sash against the frame, has proved crucial to the success of the solution.

Adjustment? Not necessary

The offered rebate pressure catch is manufactured using modern machinery and software, ensuring excellent dimensional precision. KONKRET’s catch is designed for individual profile systems: Aluplast, Schüco, Brügmann, Thyssen, Decco, Trocal, Gealan, Veka, KBE, Wital and Rehau. Adjustment is unnecessary because the catch is designed differently for each system.

Cost savings

Foreign markets require window manufacturers to use internal pressure catches. Concerned about complaints, manufacturers often use full perimeter hardware systems instead. One reason has been the poor reputation of rebate pressure catches, which we hope to change. Using our rebate pressure catch can generate substantial savings over the course of a year.

Discreet appearance

Strictly speaking, appearance is hardly an issue because the component is concealed, unlike external pressure catches, which are less aesthetically pleasing.

Note

You can test our solution on windows that have previously been subject to complaints!

The world’s largest window manufacturers have no better alternative to this component and therefore “approve” only this particular replacement.

Most importantly, the product we offer has been implemented and tested for three years in large window factories in Poland and abroad. It guarantees reliability and user satisfaction!

REMEMBER: In the context of a complete window hardware system, the pressure catch is a small but highly significant component. It is responsible for the AIRTIGHTNESS OF THE WINDOW.