Nice and narrow: New adjustment technology gives interior door hinge from BaSys a diet

The development work for the concealed entrance door hinges had a positive effect on the hinges for interior doors at Basys, the manufacturer of building hardware. Analogous to the „Masterband“, Basys also shifted the side gap adjustment to the frame part of the hinge „Pivota FX2“ – developed for rebated interior doors. The leaf part is now considerably smaller. It no longer moves during adjustment and remains concealed.

The well-known „Pivota FX2 60 3-D“ for rebated standard interior doors had a disadvantage: When adjusting the side gap, it happened that the leaf-side hinge body slid out of the door rebate. With the new „Pivota FX2 80 3-D“, Basys is now addressing design-oriented customers who rely on concealed hinges for rebated doors.

With this innovation, all three adjustment dimensions, the height adjustment (+/- 3 mm), the pressure of the seal (+/- 1 mm) and now also the side gap adjustment (+/- 3 mm) are located in the frame part of the hinge. The leaf part of the new model no longer moves during adjustment and remains concealed – when viewed from the outside and when the door is closed.

The new adjustment technology has a pleasant side effect: The leaf part of the hinge now has a significantly lower overall height and is pleasantly retracted when the door is open. The hinge weighs less overall. The normative load capacity of the „Pivota FX2 80 3-D“ is still 80 kilograms per pair.

Since the new „Pivota FX2 80 3-D“ changes the dimension for the leaf-side milling, Basys discontinues production of the „Pivota FX2 60 3-D“.

The tried and tested fixing devices, such as fixing plates for case frames or retainers for steel frames, can continue to be used without any changes.

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Caption 1: In the well-known "Pivota FX2 60 3-D" for rebated standard interior doors, the side gap adjustment was still in the leaf part of the hinge. When adjusting the side gap, it happened that the leaf-side hinge body slid out of the door rebate. Basys has optimised the product and discontinues production of this old model. Photo: BaSys

Caption 2: Basys shifted the side gap adjustment of the "Pivota FX2 80 3-D" to the frame part of the hinge - developed for rebated interior doors. The leaf part is now considerably smaller. Photo: BaSys



Caption 3: Puristic appearance in the new "Pivota FX2 80 3-D": Magnetically held cover plates conceal the screw areas in the concealed hinge for rebated standard interior doors. Photo: BaSys



BaSys

BaSys stands for Bartels Systembeschläge. The family-owned company run by Albert and Jürgen Bartels has been developing, producing and selling an all-embracing range of building hardware since 1995. With its hinge and striking-plate systems, BaSys regards itself as a problem solver for door and frame manufacturers throughout Europe as well as for national and international customers from retail and the trades. In 2001, the company was the first German manufacturer to present a concealed and three-dimensionally adjustable hinge with the "Pivota" product range, initiating a new design trend in the door industry. At company headquarters in Kalletal, East Westphalia, BaSys employs around 100 members of staff.