

Fensterbau Frontale, Nuremberg, 19 – 22 March 2024

When leaf and frame apply thick: Concealed door hinge overcomes claddings on both sides

When door leaves and frames are cladded, there may be functional reasons for this, such as improved sound insulation. In most cases, however, visual arguments play a role with the aim of creating a modern, flush-to-wall design.

At Fensterbau Frontale 2024, Basys will be presenting the „Pivota DX 110 3-D“, a solution for overcoming claddings on doors on both the frame and leaf side. This hinge is flush in itself and can therefore be used flexibly. Instead of the usual 8 mm, it can overcome up to 10 mm on both sides (without a radius on the leaf or frame). This means that the routing which creates the pocket for the hinge can be outside the cladding. The load capacity of the three-dimensionally adjustable hinge is 100 kilograms per pair. It can be opened up to 140 degrees.



Caption: The concealed hinge "Pivota DX 110 3-D" overcomes claddings of up to 10 mm on both the leaf and frame side. The load capacity is 100 kilograms per pair. 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.