FENSTERBAU FRONTALE, July 12 to 15, 2022

Different shades of Black: BaSys shows color consistency in door fittings

What has long since arrived in furniture design is increasingly catching on in door design as well: discreet but highly functional hardware design and dark surfaces. „Black is beautiful“ is therefore also the motto at Basys. The presentation at Fensterbau Frontale demonstrates surface expertise in hinge and striking plate systems. In combination with the handles and lock cylinders of other manufacturers, it also shows how consistently designed hardware technology influences the appearance of the door.

From concealed and visible hinge systems for house, apartment, and commercial doors to hinge receivers, striking plate systems, and hardware accessories: Basys knows how to play off the tones and nuances of the color black for its entire product portfolio. In doing so, the manufacturer pulls out all the stops for surface treatment – always in a fine balance between design and wear and tear.

Basys is well equipped and correspondingly flexible at its headquarters in Kalletal when it comes to painting. The manufacturer uses wet paint, for example, for its concealed hinges or for hinge receivers. At Fensterbau Frontale, Basys will be showing, among other things, the black version of the new „Inclino“ hinge receiver, which also enables precise and simple adjustment in three directions in the area of lighter hinge systems for apartment doors. For the first time, the hinge is tilted inside the hinge holder to adjust the lateral rebate air.

The color matching of the associated „Combica“ hinges is achieved by dry painting or powder coating. This process produces a more abrasion-resistant surface and is therefore suitable for products that are subject to higher mechanical stress. These include striking plates that have to withstand the grinding of the handle latch, or the aforementioned variable hinge systems for apartment doors when the leaf parts are screwed in. When it is essentially a matter of making hardware parts with a small visible surface black, Basys resorts to galvanizing. Screws, for example, are galvanized black.

If a fine appearance and high strength are required, the building hardware manufacturer has the parts PVD coated (physical vapor deposition). Physical vapor deposition refers to a group of vacuum-based coating processes that produce extremely thin but durable surfaces for optical and decorative purposes with wear protection. Basys uses the technology for applications in historic preservation, but also for its adjustable magnetic striking plate to ensure the function of the adjustment mechanism.



Caption 1: From concealed and visible hinge systems for house, apartment and commercial doors to hinge receivers, striking plate systems and hardware accessories: Basys knows how to play off the tones and nuances of the color black for its entire product portfolio. Photo: BaSys



Caption 2: "Black is beautiful" is the motto at Basys. Because dark surfaces are also in vogue for door fittings. At Fensterbau Frontale, the manufacturer will show how consistently designed hardware technology influences the appearance of the door. Photo: BaSys



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Caption 3: The new hinge receiver "STV Inclino 3-D" in black. The product is wet painted. The process is part of the production at the company's headquarters in Kalletal. 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.