

Flushline: The Flat Screen among Ship Sliding Doors

Innovative new sliding door enables closed and elegant layout of lines on yachts. / The Flushline Sliding Door literally flushes with the lines of the outer walls. / Design opportunities for yachts are now open to new aesthetics. / The Hamburg based specialist Fehrmann – widely experienced to equip luxury yachts.

HAMBURG. The numbers of yachts in 2006 was twenty times as much as in 1990, whereby the tendency of growth has not changed. The construction process of yachts has always been a challenge for draftsmen: The ships must, in the same range, meet the highest design standards and be resistant to the sea in all heavy conditions. The Hamburg based company Fehrmann Metallverarbeitung GmbH solves the most difficult of such challenges in yacht constructing with its newly developed Flushline Sliding Door. Old fashioned sliding doors are based on the concept of sliding leafs in front of a wall, whereby this results in a harsh visual interruption of the elegant lines on luxury yachts. The patented product by Fehrmann opens up new tolerance in the design of a yacht, as it is not only tight and resistant, but also fully flushes with the lines of the outer ship's bodyshell. Flushline glass sliding doors are fulfilling these standards from the first tier. The view across the ship walls is floating – and thus designers and draftsmen are given completely new opportunities into their hands.

Henning Fehrmann, who leads the family company in the fifth generation, says: "Opening up new options was essential to us. We wanted to step aside from the old rule of 'design follows function', to make a new rule like 'function follows design' – with the new Flushline Sliding Door this aim has been achieved". In many talks with designers, draftsmen, and yacht owners Fehrmann more and more saw the demand of such a new development – and now presents a marketable system. Fehrmann and his team set high standards with this product: All recent available sliding doors for yachts are mostly based on concepts from cowl engineering – and thus do not fit into the floating line design used on super yachts. In other areas it already goes without saying – but to hide jollyboats, anchors, or navigation lights behind blinds to keep the design was impossible in yacht sliding door construction until now. Henning Fehrmann describes: "Our engineers have always been questioning how the design can really follow the demands of important safety parameters and comfort requirements at a large yacht and still meet the ideas and wishes of aesthetics at the same time. We are convinced that our product, the Flushline Sliding Door, will become standard in world-wide yacht construction". Doors and windows on ships underlie special challenges. Besides comfortable operation and aesthetics, safety aspects are playing an essential role. Fehrmann is proud that he and his team managed to provide high standard designs via a holistic concept. Three registered patents have been established especially for the Flushline product, which make it more secure and elegant. The levels of yacht construction have also been taken into consideration within the development process of the door. It is a modular system that does not result in big work for the ship yards, and also keeps the installation phase on board as short as possible.

A prototype of the door can be seen in Hamburg-Wilhelmsburg. At any interest of talking to Henning Fehrmann about the innovative Flushline Sliding Door, or if you like to see the door, please talk to the press consultant of Fehrmann Metallverarbeitung GmbH, Mr. Rafael Robert Pilsczek, via + 49 170 / 310 79 72.

Experience Engineering Excellence – For further information about Fehrmann Metallverarbeitung GmbH, visit: www.Fehrmann-Hamburg.de

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Building Construction, Protection above or below Ground
Mechanical and Plant Engineering, Environmental Engineering

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Large Plant Manufacturing
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Customers:

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DGzRS:

Single supplier and manufacturer of ship windows of German Maritime Search and Rescue Service (DGzRS)

If someone can do Fehrmann can.