

Perfection in form and function: the lift/sliding door “PremiDoor 88”

Munich – At BAU 2013, the profine Group presented its lift/sliding door “PremiDoor 88”, a premium product for the upmarket segments that is setting both architectural and functional standards.

“PremiDoor 88” is a lift/sliding door system with a high level of thermal insulation, an installation depth of 88 mm, and a flush mounted five chamber sash and casement design.

The outstanding thermal insulation value of $U_f = 1.2\text{--}1.3 \text{ W}/(\text{m}^2\text{K})$ was obtained not only with the installation depth of 88 mm, but also with the innovative threshold of WPC (wood-plastic composite), a special glazing rebate gasket, the guide rail with thermal break, and the double sealing technology in the centre fastener. With suitable glazing, this value can even be reduced to $U_D = 0.8 \text{ W}/(\text{m}^2\text{K})$ for passive house compatibility.

The system is available in a range of designs and can also be combined with an aluminium cover system without additional cutting work. The result is a design of timeless quality and virtually unlimited possibilities for individual colour schemes.

Elements can be manufactured with heights up to 2.9 m and a standard width of 6.5 m, for the largest possible openings and plenty of incoming light. The high stability is provided by a closed sash contour and generously sized steel reinforcements for optimised positive action connections.

Glazing up to 54 mm is possible from both the inside and outside. While deep installation channels conceal the fasteners for the elements, the system also features receiving grooves for the whole profine range of 88 mm extension profiles.

The “PremiDoor 88” system provides a huge design potential for the production of lift/sliding doors that present individual architectural accents. Also elegance is embodied in its slender play of lines.

Finally, the premium quality of “PremiDoor 88” also finds testimony in its ease of handling, reliable function, and the pleasantly smooth and quiet run of its sliding sashes.

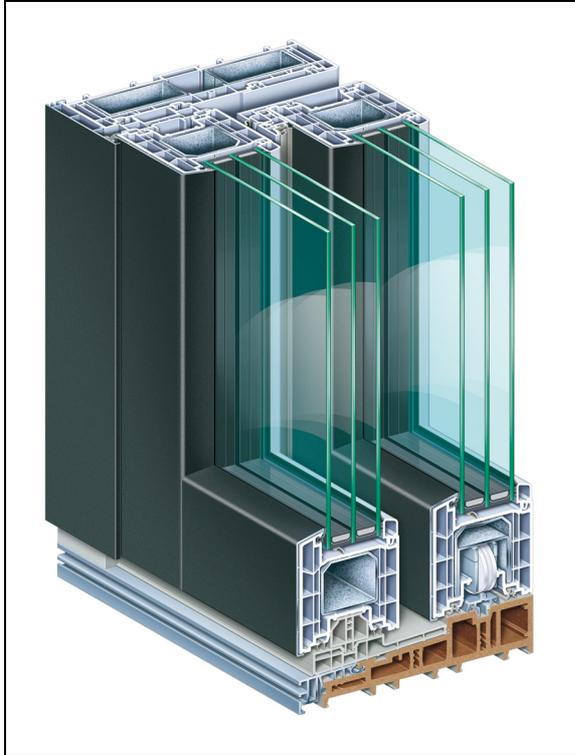
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The “PremiDoor 88” lift/sliding door system – here with aluminium cover – opens up new dimensions in the planning of balcony and terrace doors and boasts high thermal insulation.

About profine:

profine GmbH – International Profile Group – is a worldwide leading manufacturer of PVC-U profiles for windows and doors and a renowned provider of shutter systems and PVC sheets. With its KBE, KÖMMERLING, and TROCAL brands, the Group has an excellent international standing at 28 sites in 21 countries. profine Group manufactures at production facilities in Germany, France, Italy, Spain, Russia, Ukraine, the USA and China. With its head office in Troisdorf, North Rhine-Westphalia, and a payroll of 3200, the Group recorded a turnover of about €700m in 2011.

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