

ALUPROF doors in the frameless system

A product of exceptional functionality has been launched to the fire-protection market: a long-awaited solution and, so far, the only solution of this kind in Europe, namely, a door with fire-resistant glazing fitted in a glass fire-protecting curtain wall using the frameless system. The MB-78EI aluminium doors of Aluprof using the BR system have been tested in a non-load-bearing wall with POLFLAM fire-resistance glass, class EI 30 and EI 60. The testing carried out in a notified testing institute was achieved which allowed for that state-of-art solution to obtain the necessary approvals giving it access to the European market.

Two variants

The BR frameless system (allowing for installation of transparent fire-resistant curtain walls with no need of any extra structures or frames and, by that, giving 20% light more) makes it possible to use Aluprof doors of the fire-resistance class EI 30 and EI 60. POLFLAM fire-resistant glass has high acoustic insulation factor (up to 44 dB) and the highest safety class 1/B/1. **The BR system with Aluprof doors is the sole genuine frameless system available on the market.** The option of having arched

structures with POLFLAM curved glass makes it possible to combine the solution's utility with original architectural ideas.

Transparent and opaque panels

An important practical feature of the MB-78EI doors in the frameless system is the option of applying both fully transparent and opaque glass sheets in the colours from the palette RAL and NCS. The BR system makes it feasible to have, within a single fire-protective curtain wall, an attractive combination

of glass panels of both kinds and the door, either fire-resistant or classless. It, thereby, provides for flexibility in combining practical needs with safety requirements while providing the interiors with modern appearance.

For further detailed information on the MB-78EI aluminium doors in the BR frameless system and for technical support at the design or implementation stage, please contact FR Solutions experts (www.fr-solutions.pl).

