

User report

Integrated into the Fire Plan: High-speed Doors ensure Safety

SAP-Arena Mannheim uses Efaflex doors as a safety device

Doors and gates which are intended to be escape routes in event venues should not be an obstacle to anyone. The doors must be easy to open completely. A challenge for the planners of the SAP-Arena in Mannheim. They decided on high-speed folding doors by door specialist Efaflex.

In emergencies, hundreds of people must be able to leave the enormous hall in a matter of minutes. The Venue Regulations stipulate exact escape route widths and escape door widths.

“Our planners chose Efaflex doors for the main entrances on the north and south sides of the arena,” says Markus Wincher, head of Facility Management at the SAP-Arena. He explains that the escape routes to outside the venue must be free as quickly as possible in an emergency. “The high-speed doors from Efaflex open in one to two seconds. They are part of the safety equipment of the SAP-Arena, meaning they must work without restrictions at any time.” For an emergency during an emergency, security personnel are positioned on every door during events, so they can also open the door manually in a matter of seconds.

Markus Wincher explains further that the high-speed doors are also integrated into the fire plan of the arena. This means that, in the case of a fire, the doors are automatically opened as air vents for the smoke extractors in the roof. For this

reason, the function of the doors is guaranteed by an emergency power supply in case of a total power outage.

But the large folding doors are not just opened in case of emergency. “All the logistics of the SAP-Arena for event operations and catering work through these doors. This means that both the main doors are very highly frequented,” explains Markus Wincher.

The EFAFLEX SFT high-speed folding doors are used predominantly in places where the entire overhead clearance must be free very quickly for high vehicles or lots of people. Used as external doors for the halls, the high-speed folding doors protect against noise, cold and draughts. Tried and tested multiple times in the hardest continuous operation, these doors are considered to be outstandingly reliable and particularly economical. Aluminium folding doors from EFAFLEX are designed to be essentially self-supporting, so that they can be installed easily and cost-effectively in many places. No special structural preparations are required. The unique and patented modular structure does not just ensure a problem-free installation: All components can be screwed together piece by piece for ease of repair and maintenance. In addition, galvanised steel components are used where durability and strength are of particular significance. The door leaves are manufactured from anodised, particularly warp-resistant aluminium profiles. This means that the masses in movement can be kept low, meaning continually high speeds of movement can be realised. Microprocessor control systems ensure simple handling and easy operation. A wide range of sensors and operating elements are available for comfortable automatic or manual operation. This is particularly important for the planners of the SAP-Arena: The colour of the doors could be adjusted as required to match the design of the SAP-Arena facade.

Markus Wincher praised the good cooperation with the customer service department, which is quickly on the scene when it comes to optimising the doors or trying out new options of door control.

After six years, during which the doors have been in operation virtually without interruption, the manager of the Facility Management department only has positive things to say about the products of the specialists for high-speed industrial doors from the Lower Bavarian town of Bruckberg: “We are very satisfied with the doors. They are very easy to use.”

Press contact
at EFAFLEX:
Mr. Alexander Beck
0049 8765 – 82126
alexander.beck@efaflex.com

Press coordination
Link Communications,
Mrs. Ariane Müller
0049 38293 – 434149
info@link-communications.de