User report

High speed doors for life saving blood preserves

Safe doors from EFAFLEX secure the headquarters of a humanitarian organization

Sydney, Alexandria, NSW: a large Australian humanitarian organization operates the headquarters for blood and bone marrow donations for the entire country and the main camp for blood preserves in New South Wales. The highly sensitive data of 170,000 bone marrow donors from all over Australia are stored here. In 2017, 130 bone marrow donations were sent from Alexandria, 90 within Australia and 40 worldwide. Blood or products made of its components, are also brought to hospitals and doctors practices from here. To ensure secure and quick handling on the loading ramps, the warehouse was recently fitted with high-speed spiral doors EFA-SST-L Classic from EFAFLEX by DMF International.

“This building is the latest fitting to provide a presentation project for the organisation nationwide, alongside perfect functionality,” explains Stephen Fell, Managing Director of DMF International Pty Ltd, long-standing partner of the German door manufacturer EFAFLEX in Australia. The requirements for the doors were extensive. Apart from the high opening and closing speed, it was very important that the doors can be integrated into the existing security monitoring system, for controlled access to the building, and if necessary can be opened and closed by remote control. They must guarantee a secure building closure. Blood stocks are valuable and highly sensitive. Therefore, they should not be exposed to any unauthorised access and must be stored securely. The excellent insulation of the doors ensures that the temperature in the building does not exceed 23°C. The order for another, a highly insulating EFA-SST-L-Premium, is already in place with DMF International. Following the guidelines

of the charity organisation, the doors are technically tested and accepted, like all parts integrated into the building. For the planners, it was important that the colours of the doors were adjusted to the image of the façade. For this reason, the 3,400 mm high and 3,600 mm wide doors in RAL7024 were powder coated. The installation was carried out in one weekend, in order not to impair the ongoing operation of the headquarters, reports the Managing Director. “DMF is very proud to have participated in this prestigious project of a large Australian organisation, whose task is to save lives,” explains Stephen Fell. “The doors fulfil the requirements perfectly, and set standards for future doors systems, at this and other locations.”

Technical information for new ordered EFA-SST® Premium

Developing doors, which work reliably for a long time, is just one aspect of the environmental compatibility of their products for the EFAFLEX engineers. For this reason, they conceived high speed spiral doors for the hall closure. This includes an improvement in the physical characteristics and an optimisation of functionality. The new door leaf for the EFAFLEX industrial door is extraordinarily robust, long lasting and heat and sound insulating. The manufacturer offers thermally separated EFA-THERM® insulation laths as standard for the EFA-SST®. According to the size and quantity of the ISO transparent laths, the doors achieve a U-value between 0.66 and 1.52 W/m² K. According to the required incidence of light and the place of use of the door, EFAFLEX customers can determine the number of required EFA-CLEAR® transparent laths themselves. Apart from the standard coating according to RAL 9002 white aluminium, the laths and steel parts of the door can be painted in almost any colour from the RAL system if required. This means that the colour of the doors can be adjusted to any façade. They are provided in standard construction sizes up to 10,000 mm wide and 8,000 mm high. The microprocessor control is installed together with the integrated frequency converter in a separate plastic switch cabinet, protection type IP 65. Connection to the power supply is possible for 230 V/50 – 60 Hz (with large door systems also for 400 V). The scope of delivery includes a TÜV tested door line - light curtain (EFA-TLG®), which works precisely on the door closing level. The

safety system is integrated completely protected into the lateral frames and generates a very tight light curtain of infra-red beams up to a height of 2.5 metres. Obstructions are detected without contact, the automatic closing movement is stopped immediately. Due to the variably combinable features of the EFA-SST®, the door is the solution for almost all tasks in the logistics sector.

Company information

The specialist for high speed industrial doors EFAFLEX has been entered in the world market leader index since January 2018, and is therefore amongst the 461 top companies in Germany, Austria and Switzerland. With a wide range of high speed doors developed to be customer-oriented, EFAFLEX offers ground breaking technologies for industry, trade, food manufacture and the chemistry and pharmaceuticals branch. Therefore, the company is active across sectors, with a total of 1200 employees, and can fall back on experience in a variety of branches of industry when developing new products. With headquarters in Bruckberg Bavaria, EFAFLEX is firmly established as the largest employer in the region. The employees in the branch offices ensure great proximity to the customers throughout Germany. Furthermore, the company opens up the international markets with ten subsidiaries on five continents. Renowned customers all over the world have trusted the specialist for high speed industrial doors for years.

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