

Security for state-of-the-art skyscrapers in Tel Aviv

EFAFLEX supplies high-speed doors for the underground garages at the Rubinstein twin towers in Tel Aviv

The underground garage doors at the newly built Rubinstein Towers in Tel Aviv/Israel open and close several hundred times a day. The high-speed spiral doors from the premium manufacturer EFAFLEX ensure that pedestrians cannot get into the traffic lanes and provide protection against unauthorised access. The barriers, like those installed at the entry and exit in every car park, are also connected to an automatic number plate recognition system. This guarantees improved security on the five parking levels below the two 34-storey office towers and the shopping centre on the ground floor.

The requirement for the installation of the EFA-SST[®]-L high-speed spiral doors from EFAFLEX was their compatibility with the barriers installed inside. These, in turn, are equipped with an automatic number plate recognition (ANPR) system, Ram Zahavi, Managing Director of A. ADIRAN Engineering & Agencies Ltd., the long-standing EFAFLEX partner in Israel, describes the specific requirements for the doors used. Car drivers do not have to interact with the system at all in order to access the car park. There are no tickets, no paperwork and no printer. The monitoring and billing work exclusively with detection of the number plate. The process is unique in that no wiring nor communication infrastructure is required. The system connects to the cloud operating software via a mobile network.

The underground garage has two entry lanes and two exit lanes, as well as two pay-on-foot stations. When a vehicle drives up to the entrance or leaves the garage again, the EFAFLEX high-speed doors open at the same time as the barriers as soon as the opening command is given and close again as soon as the vehicle has passed through.

As a result, pedestrians don't get any ideas about running into the car lanes from outside or leaving the car park that way. This significantly improves safety for drivers and for pedestrians.

High door leaf speed with low space requirements

The spiral door technology from EFAFLEX remains unrivalled to this day and is exemplary for worldwide door technology. No other design is able to combine the highest opening speeds, durability and effectiveness so well. The EFA-SST® door leaf is not wound on a shaft but kept at a space-saving distance by the spiral-shaped guidance system. Thanks to this mechanical principle, the spiral doors from EFAFLEX operate exceptionally quietly, are extremely fast and almost wear-free. Thanks to the unique design of the EFAFLEX spirals, the spiral doors achieve top speeds of up to 2.5 m/s. Therefore, they don't just accelerate your work processes many times over, they also save energy thanks to their rapid opening and closing speeds. The high-speed spiral doors from EFAFLEX impress customers all over the world due to their outstanding quality, maximum levels of security and superb durability. The door is available in standard construction sizes up to 10,000 mm wide and 12,000 mm high and can handle up to 250,000 load cycles per year. They are also available in a wide range of designs and can be installed where space is limited. Owing to the low ceiling height in the Rubinstein Towers underground garage, the two doors are equipped with an oval spiral which takes up less space.

Complete after five years of construction: the Rubinstein Towers

The two 34-storey office towers are located in a Tel Aviv office complex and are a welcome addition for business activity in the city. They offer office spaces and a shopping centre across a total of 97,500 square metres. The area around the twin towers is bordered by three of the busiest streets in Tel Aviv near a future metropolitan railway and is located opposite a large residential area which is currently undergoing development. The two geometrically simple buildings have edges with a dynamic effect in the upper and lower areas to create a special dramatic effect. The ground floor, which houses the shopping centre, has an 18-metre-high lobby which

connects the towers and serves as a physical, visual, and symbolic door to the nearby park.

Sales and service from one single source: A. ADIRAN Engineering & Agencies Ltd.

A. ADIRAN Engineering & Agencies Ltd. is Israel's leading company when offering complete solutions for industrial buildings, based on professional planning and implementation of automatic doors, industrial ventilation systems, vehicle equipment and environmental technology. The company is Israel's sole representative of the world's leading manufacturers in these fields and, based on these partnerships, can plan, provide and implement innovative technological solutions and ongoing services for customers. A. ADIRAN Engineering & Agencies Ltd. has been able to maintain its position on the Israeli market since its founding in 1987 thanks to its deep understanding of customers' needs, provision of high-quality solutions and an uncompromising level of service. Based on extraordinarily well organised professional marketing and service capacities, the reliable EFAFLEX partner stands out thanks to technical advice, importing products from the world's leading manufacturers, installation and maintenance throughout the country.

EFAFLEX company information

EFAFLEX manufactures high-speed doors for industrial applications. Founded in 1974, the company is used by customers from the world of industry, trades, food manufacturing and the chemical and pharmaceutical sectors. EFAFLEX is the only manufacturer of high-speed industrial doors to have been registered in the world market leader index and is therefore one of the 461 top companies in Germany, Austria and Switzerland. The family-owned business has more than 1,400 employees worldwide. With its headquarters in Bruckberg, Bavaria, EFAFLEX is firmly established as the largest employer in the region. Furthermore, with ten subsidiaries on five continents, the company is opening up international markets. More than 60 percent of EFAFLEX's revenue is generated abroad.

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