



## Press Release

**For Immediate Publication**

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### **High-speed door solutions from Maxiflex are cool!**

High-speed roll-up doors from Maxiflex are helping to maintain constant temperatures inside the cold storage and refrigeration areas of Makro Riversands and Makro Springfield located in Gauteng and Kwazulu-Natal (KZN) respectively.

“Makro Riversands is a brand new store that opened its doors at the end of November 2017 while Makro Springfield was recently renovated,” says Maxiflex Managing Director, Bram Janssen. Discussing the application, Janssen explains that products are stored in a cold room before being moved to a drop temperature area and then finally out into the store. “Two high-speed doors were required for each Makro store.”

While Gauteng is known for temperature extremes from summer heat waves and freezing winters, KZN is notorious for its hot and humid climate and mild winters. In these climates, maintaining temperatures in refrigeration and cold storage environments can be challenging. Product spoilage caused by large temperature variations can be extremely costly for end-users. The sustainable control of the interior climate of cold storage/refrigerated areas is therefore imperative and there simply can be no compromise.

“So when we received the orders in mid-2017 for the high-speed doors from commercial refrigeration solutions specialist, Insulated Structures, we immediately recommended the high-speed door range from ASSA ABLOY Entrance Systems for both Makro stores,” says Janssen. “Specially designed for interior freezer environments and featuring numerous bespoke characteristics, these intelligent, reliable, convenient, safe and energy-efficient high-speed doors present the perfect entrance solution.”

“Long-standing Maxiflex customer, Insulated Structures, placed the orders with us because they are extremely satisfied with the quality of our products and service delivery,” adds Janssen.

The high-speed doors incorporate the latest and most advanced control and safety systems to deliver reliable interior climate control, increased energy savings and improved productivity. For end-users this translates to lowest total cost of ownership and a greater return on investment.

2/...Maxiflex\_Makro

Featuring modern drive technology and MCS frequency converter controls, the doors can open and close at speeds of up to 2,4m/s. These high operating speeds combined with higher cycles (>100/hour) and excellent sealing capabilities allow for efficient traffic flow, minimise temperature variations and maximise energy savings.

The doors must be installed in conjunction with an insulated “night door” in order to maintain the extreme cold temperatures during periods where there is minimal or no traffic and can be set on a timer to open automatically to minimise ice build-up on the curtain and side-guides and keep the door functioning properly. Additionally, heating cables in the side columns and motor also prevent formation of ice.

During the design of the high-speed doors, ASSA ABLOY paid attention to worker safety and reduced downtime and has incorporated ‘intelligent’ features into the doors. Designed with a soft bottom edge with no rigid parts, the doors are able to mould around any obstruction to prevent injury or damage. Moreover, when an object hits the door, the fabric curtain absorbs the impact and releases itself from its side-guides without causing damage or being damaged itself. The door can be equipped with different sized windows or full door width vision panels to increase admission of natural light and visibility to create a more comfortable working environment.

Another intelligent feature of these long life-cycle doors is the break-away and automatic repair system; the curtain reintroduces itself after a crash to reduce downtime and maintenance. In addition, a zip closure system and a flexible, automatic curtain eliminate the risk of work stoppages and minor collisions.

Additional features of the high-speed door range include:

- ✓ A unique direct door drive system actively drives the door curtain which saves costs by eliminating the need for weighted bottom bars or tension systems.
- ✓ The robust steel IP54 control box is easy to program and operate with a clear display giving a wide range of information.
- ✓ The galvanised steel construction ensures rugged reliability (stainless steel option also available)
- ✓ The compact footprint and slim side frames allow fitment even in tight spaces
- ✓ Fast and easy assembly

Designed for both small and large openings, the high-speed doors are suited to a wide range of industries offering specific solutions for applications such as hygienic food and pharmaceuticals manufacturing, machine guarding and protection operations.

Maxiflex’s KZN and Johannesburg teams were responsible for installing the two high-speed doors at each of the Makro stores.

Door and loading dock solutions specialist, Maxiflex, leads the market in the manufacture, supply and installation of a comprehensive range of world-class door products. In addition to high-speed doors, other turnkey solutions include Maxiflex PVC strip curtains, protection screens and impact doors that meet a vast variety of applications across diverse industries from mining and automotive manufacturing to food and beverage, hospitality and pharmaceutical.

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#### **About Maxiflex**

Since opening its doors some 27 years ago to manufacture, supply and install Maxiflex PVC strip curtains, protection screens and impact doors under the name Janssen Products cc., Maxiflex rapidly expanded its product and service footprint. Today the company has cornered the market in the provision of a wide range of world-class quality door and loading dock solutions. Maxiflex holds sole distribution rights for ASSA ABLOY Entrance Systems' range of automated door solutions in the Sub-Saharan region.

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