maxiflex™
door systems SA (Pty) Ltd

Press Release

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Maximise energy efficiency with Maxiflex's new overhead sectional door

Given South Africa's current recessionary economic climate with slow growth predictions for 2019-20, a weak currency and upward pressures on inflation, improving efficiencies and reducing costs across-the-board has become part of most businesses' budgetary landscape to ensure future sustainability.

Maxiflex has gained wide recognition as a market leader in providing superior quality entrance solutions that add value for customers and contribute to the enhancement of their business performance. "Energy efficiency is therefore an integral focus in our endeavour to constantly improve our product and service portfolio," says Bram Janssen, Managing Director of Maxiflex. "It is therefore with great excitement that we introduce a new state-of-the-art, ultra-efficient and cost-effective overhead sectional door solution that will help customers cut costs by reducing their energy usage. Featuring a full 82mm of insulation and an efficient thermal break that result in a low U-value, this door from ASSA ABLOY Entrance Systems' product range, delivers optimum efficiency and ultimately high energy savings.

The new overhead sectional door has been built to not only comply with the current highest environmental regulations but to also meet tough future insulation requirements. The new door boasts a U-value of 0.46W/m2K which is below the European building regulations' minimum requirement of a U-value of 1.4W/m2K or lower for all industrial overhead doors by 2020. "The U-value is more than twice as effective as that of a standard overhead sectional door and is the lowest U-value in our current product portfolio," affirms Janssen.

With a 82 mm PIR (polyisocyanurate) insulation panel the door delivers a combination of exceptional thermal separation and efficient insulation ensuring the optimal use of energy to heat or cool work spaces. Rugged, tight double-lip rubber top and side seals prevent temperature differences from passing from one side to the other, giving customers' control over their indoor environment and contributing to a safe, comfortable working space. The top seal optimises insulation between the panel and the wall while the side seal contains insulation chambers to ensure a tight seal between the tracks and door leaf. The flexible, shock absorbing and water-resistant double O-shape rubber bottom seal provides constant pressure for maximum sealing, reduced drafts and protection against condensation.

The door's assisted manual operation design which offers two different types of chain hoists (depending on door weight) makes opening and closing the door simple and safe. All manual doors can be upgraded with electric operators and automation. Placing safety as a top priority, the overhead sectional door features an electrical lock that can be remotely locked by a switch or via a PC.

During design, close attention was paid to keeping service and maintenance simple and hassle-free; smart components and layout minimise downtime to further reduce costs and achieve lowest possible total cost of ownership for end-users.

With a choice of eleven standard colours (or matching factory painted colours), windows, track sets and dimensions, the versatile overhead sectional door can be customised to meet customers' precise specifications.

Maxiflex has played an instrumental role in changing the face of industrial entrance systems with its pioneering product and service suite. The recent introduction of the new overhead sectional door with its next level thermal separation and insulation solidifies the company's position as an industry frontrunner. "The door's innovative features coupled with its energy saving, 0.46W/m2K U-value and efficient thermal separation capabilities, present customers with a safe, user-friendly, convenient and sustainable entrance solution that will help to optimise productivity and profitability," concludes Janssen.

Maxiflex's turnkey door and loading dock solutions meet a multitude of applications across diverse industries - from automotive manufacturing and mining to food and beverage, refrigeration, hospitality and pharmaceutical. The product offering includes: Industrial sectional doors; vertical-lifting fabric doors for large openings and heavy-industry environments; loading dock equipment; protection screens and impact doors. The company also manufactures and supplies PVC strip curtains. Maxiflex holds the sole distributor rights in Southern Africa for ASSA ABLOY Entrance Systems as well as for the supply of Stackdoor®, a ground-breaking security grille manufactured in The Netherlands.

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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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