

TR450

An outdoor high-performance door with high wind resistance, even in the most corrosive environments.



www.albanydoors.us,
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ALBANY 

TR450



OUTDOOR APPLICATION

WIND RESISTANCE

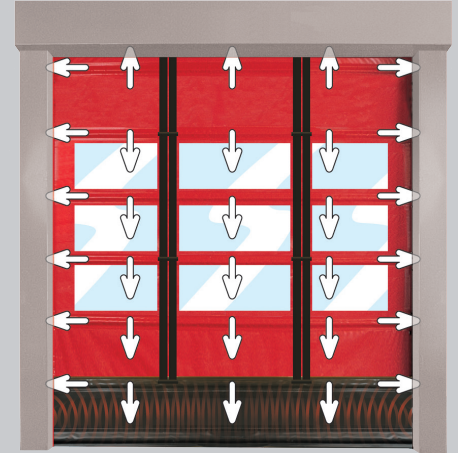
The TR450 curtain is designed with flexible horizontal stiffeners which push the curtain from the inside to the furthest edge of the side guide, tensioning it vertically from top to bottom, creating a uniform distribution of wind resistance around the whole door. This gives the door an operational wind load up to 110 mph.

WEATHER PROOF & ENHANCED INSULATION

The design of the TR450 and its curtain make it leakproof and weather resistant. To reduce thermal transfer even more, the curtain is also available as insulated double layer curtain, incorporating an air blanket to help maintain interior temperature. The frame in multi-composite creates a natural thermal break.

RESISTANCE TO HARSH ENVIRONMENTS

The multi-composite material, developed to perform in the most rigorous applications, provides a 45% higher corrosion resistance than stainless steel. This makes it suitable for the most humid, wet and even acidic environments.



> Distribution wind load on door



SPEED & SAFETY

PEOPLE AND PRODUCTS

The Intelligent Curtain, a free, flexible and reactive soft bottom edge can be compressed both vertically and horizontally which will protect people and goods while keeping repair and maintenance costs down.

JUST IN TIME OPENING CYCLE

Thanks to the intelligent curtain the door can open at the last moment and close directly. While the safety of products and goods are guaranteed it minimizes the exposure time of the door. This shortened cycle reduces temperature loss and energy consumption up to 32%.

WIDE ANGLE PANORAMIC TRANSPARENCY

The transparent material allows people to see oncoming traffic. The materials are anti-fatigue and treated against UV and cracking. The TR450 vision panels span the whole width of the door.



> Thermal break frame > Side guide with curtain



COST SAVINGS FOR MAINTENANCE AND REPAIRS

DURABILITY AND RELIABILITY

The TR450 fold up technology is designed for increased durability and reliability, as driven by a smooth direct drive motor.

LIMITED MAINTENANCE

The TR450 drive, protected under a multi composite cover, has only 5 moving parts: motor, gearbox, limit switch, rolling shaft for the straps and bearings, which reduces maintenance costs.

WEAR RESISTANCE

The multi-composite frame perfectly guides the sides of the Intelligent Curtain, reducing wear and noise. The toughness of the side guides, their ability to absorb an impact without becoming permanently distorted and the absence of paint guarantee a durable, corrosion-free appearance and a repair friendly design.



> Safety intelligent curtain

Founded in 1895 as Albany International in the USA, Albany began manufacturing the first high-performance roll door in 1963. Today, Albany is the world leader in the production of high-speed and high-performance doors. Providing sophisticated products that are designed for a wide range of applications in various industries, Albany remains the original high-performance roll-up door.

Door specifications and technical data subject to change without notice.

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