

PENSA

AN AUTO MOSSA COMPANY

COLD STORAGE

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THE COMPANY

PENSA Doors is a sales, installation and service business specialising in High Performance Doors for the Cold Storage Sector

With over 2 decades experience in industrial door design and manufacturing, PENSA Doors present some of Australia and New Zealand's leading industry experts.

The design process, management and installation of projects are handled by application specialists to ensure complete client satisfaction from first contact through to hand-over.

WE DESIGN AND MANUFACTURE

PENSA Doors as part of AUTO MOSSA Equipment specialise in the design and manufacture of High Performance Door Systems.

We pride ourselves on pushing the boundaries when developing ideas and through the process of exploration we often find new ways of doing things. It is our intention that every product we launch to the market will also come with an 'international patent pending', further emphasising our drive for innovation and added customer value. We are also able to work with architects and specifiers early on in the design stage, to develop working models and concepts.

HYPERFREEZE 30/40

Freezer Doors

The AUTO MOSSA - HYPERFREEZE is the new generation High Speed Freezer Door designed for Freezer applications. The door includes;

- 30, 40 mm insulation options
- Heating to both side frames
- Silicon seal strip between door blade and lintel.
- Comes standard with a soft bottom edge
- Automatic curtain crash-out and relocation function.



Door Blade Insulation

The door blades are constructed from two robust layers of a PVC coated woven fabric.

The insulation is five layers of twin wall foil separated by air. The 40mm blade has an additional 10mm of polyester foam for more challenging applications.

The doors operate in extreme environments without the requirement for air movement fans.



Knock-out Function

The HYPERFREEZE is the only impactable door at this specification that has a built-in crash function which allows the door blade to be dislodged and then automatically realign itself on the next down cycle.



HYPERCHILL

Chiller Doors

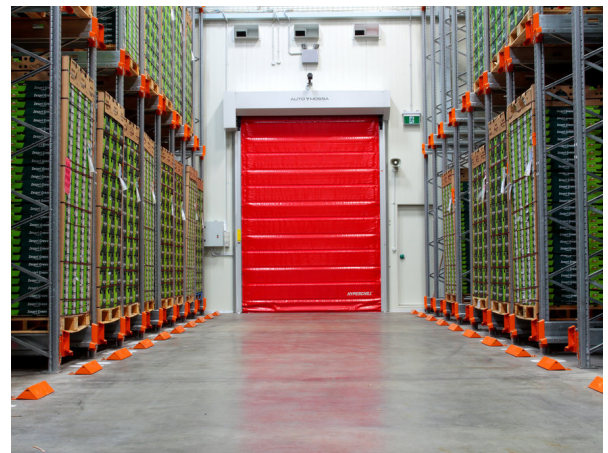
The AUTO MOSSA - HYPERCHILL has been designed specifically for Chiller applications. The door includes;

- 20 mm thick insulation
- AIRSTRIP
- Heating to both side frames
- Silicon seal strip between door blade and lintel.
- Comes standard with a soft bottom edge
- Automatic curtain crash-out and relocation function
- U value of 1.2 W/m²C.



Door Blade Insulation

Standard 20 mm door blade for Chiller to Ambient applications. The door blades are constructed from two robust layers of a PVC coated woven fabric. The insulation is 3 layers of twin wall foil separated by air. The doors operate effectively in environments from 0° C to ambient temps. The doors are designed to provide a good solution to energy loss through heat transfer as well as stopping condensation and water spread around doorways.



Knock-out Function

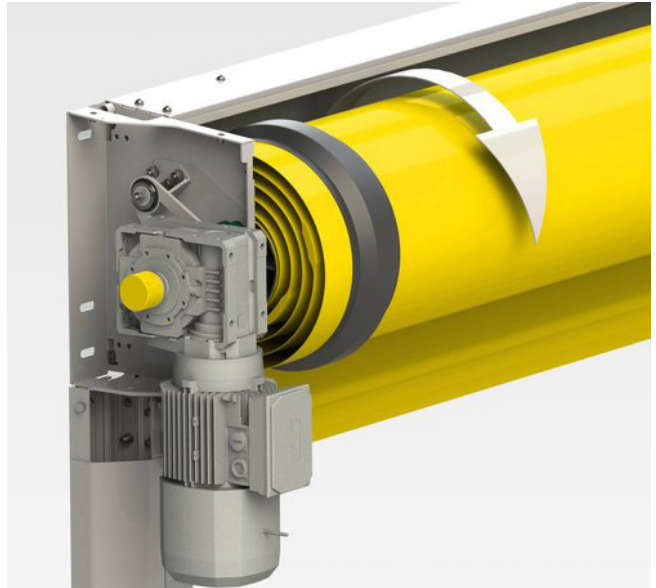
The HYPERCHILL is the only impact-able door at this specification that has a built-in crash function which allows the door blade to be dislodged and then automatically realign itself on the next down cycle.



WHAT MAKES OUR DOORS SO SPECIAL

AIRSTRIP II™
International Patent Pending

- FASTER
- QUIETER
- CLEANER
- STRONGER



Patented AIRSTRIP.
Integrated into the door blade is the patented AIRSTRIP designed system.

The rubber AIRSTRIP design allows the door to roll up without loading or compressing the insulation in the door blade, this enables the door blade to maintain its integrity over its lifetime. It also allows the door to operate at faster speeds and with a smoother operation.



Airstrip Design



Thermal Insulation



Auto-Relocation

ALPHA DEUREN PANEL DOOR SYSTEM



We have partnered with
Alpha Deuren

Commercial buildings need to satisfy increasingly higher levels of insulation performance. Standards are being made more demanding and this trend will continue. As such commercial buildings need to be brought in line with these requirements, including warehouse and dock entrances.

Alpha Deuren's ISO 40 and ISO 60 sectional doors, panel cavity is filled with dense polyurethane foam, with a thermal break between the inner and outer skins. The ISO 80 sectional door uses the same design principle but offers even greater thermal insulation.

