

**NORBEC™**

# CUSTOM DOORS



# SPECIALIZING IN CUSTOM MANUFACTURING, NORBEC HAS EARNED A SOLID REPUTATION FOR THE QUALITY AND STURDINESS OF THEIR DOORS.

Each door is individually designed and manufactured in-house using unique assembly methods. The Norbec door line offers a one-of-a-kind flexibility unmatched on the market and continuously enables them to distinguish themselves from the competition. From the designing to manufacturing stages, quality is of the utmost importance in the development of products at Norbec.

In addition to providing first-rate insulation and an enhanced waterproof seal, the doors are designed to withstand daily use for years to come, even for the most demanding environments such as heavy-duty usage, high salinity, moisture and strong chemical scenes.

Years of research and close partnerships with customers and installers have contributed to better understanding the specific needs of the industry and in return, the continuous improvement of our doors. Constant evolution of product designs have enabled Norbec to offer lasting products and promote multiple advantageous benefits.

**Norbec is proud to be the preferred walk-in supplier for the Supermarket and Foodservice industries as well as the restaurant chains across Canada.**

## THE ADVANTAGES OF NORBEC DOORS

- › High quality
- › Highly resistant structure
- › Fast and easy installation
- › Excellent thermal properties
- › Compatible with any construction, new or retrofit and can be installed on camlock or continuous panels
- › Custom-made products based on specific needs
- › Ease of maintenance
- › Compliant with Canadian and US health standards

## APPLICATIONS

Norbec's door line offers a wide range of models designed to meet the needs of different applications, including freezers, coolers, blast freezers, food processing plants, ripening & aging rooms, controlled environments, research facilities and distribution centres.

## DESIGN

**The design of Norbec doors as well as the materials used are what really makes them stand out on the market.**

The doors are made from foamed-in-place polyurethane with two 26 or 24 gauge galvanized steel sheets covered with a polyester enamel. A Silkline or smooth profile is offered along with the option of having embossed steel if desired. The white Silkline finish, exclusive to Norbec, reduces the surface variations inherent to thin sheet steel. Furthermore, a wide variety of colours and finishes are offered to suit all project types.

Reinforcements are integrated into the door and frame to provide strong anchor points, thus ensuring greater durability. A thermal break is incorporated as well to prevent thermal infiltration, which causes condensation and, in return, ice build-up. Norbec doors and frames are woodless which results in added stability and provides superior airtightness throughout the years.

## HARDWARE

All of the hardware used on Norbec doors is provided by renown industry leaders and the components are of the highest quality while also meeting the strictest requirements.

Each door is equipped with a heating wire integrated into the door frame. The groove created for the heating wire allows an easy access for replacement or servicing needs. A magnetic gasket is also installed on the perimeter of the door to ensure an airtight seal.

The design of the frame integrated into the panel provides an aesthetic finish and allows for simple and effective cleaning, while the reinforcements guarantee resistance and durability.

# HINGED DOORS



The designs and components used in the manufacturing of hinged doors offer increased performance, superior sealing and, above all, a product that will withstand the test of time. The wide range of high-quality accessories as well as the flexibility offered by choosing this door model is suitable for all types of environments and applications.

Norbec ensures that space constraints are taken into consideration and offer several door dimensions as well as the option of having the hinges installed on the left or right to better meet the needs of the project. Norbec also takes into account industry regulations such as health, energy and building code standards.

- › Highly resistant structure and frames
- › Easy and quick installation
- › Several options available for multiple applications
- › Design offering an airtight seal resulting in energy efficiency
- › Ease of maintenance

## DOOR TYPE OPTIONS

- › Flush Hinged Door
- › Heavy Duty Hinged Door with aluminum frame for heavy duty applications
- › Offset Bi-Partition Hinged Door
- › Heavy Duty Hinged Door with aluminum frame with reinforced openings for rails and other accessories
- › Hinged Door for blast freezer

## THINGS TO CONSIDER:

FINISHING TOUCHES	EASY ACCESS	SECURITY	ALARM & MODULES	ENERGY EFFICIENCY
Consider adding protection such as kickplates to increase the durability of the door.	Add a foot treadle for hands free access.	Add a viewport to prevent accidents during employee ingress and egress.	Add a module to monitor activity and temperature variations inside the cold-room.	Each frame has a thermal barrier and optional heating-wire system equipped with easy access and impact protection features.

Our hinged doors come in a range of configurations. Talk to your local representative for more information.

# SLIDING DOORS



Over time, Norbec sliding doors have become a standard choice in the Supermarket and Food Processing industries for their ease of operation, robustness and energy-saving benefits. In addition to being an excellent product in terms of quality and price, sliding doors are supplied with heavy-duty hardware made up entirely of aluminum and nylon.

The doors and door frames are easily adjustable when installing and require minimum effort to open and close, thanks to the sealed precision trolleys equipped with nylon sole plates. In addition to ground guidance, where the rollers are located under the door, the trolleys contribute to reducing the minimum space requirements.

- ▶ Highly resistant structure
- ▶ Ideal for applications that require the use and handling of equipment such as forklifts
- ▶ Recommended for places where space is limited
- ▶ Available with gravity or manual closure (locking option in open position)

## DOOR TYPE OPTIONS

- ▶ Sliding Door
- ▶ Heavy Duty Sliding Doors with aluminum frame for heavy duty applications
- ▶ Electric Sliding Door equipped with the **E-Circuit** System
- ▶ Bi-Partition Sliding door
- ▶ Heavy Duty Sliding Door with aluminum frame with reinforced openings for rails and other accessories

## THINGS TO CONSIDER

EXTRA SPACE	EASY INSTALLATION	BUILT-IN COMPONENTS	DURABILITY & RESISTANCE
With less opening clearance required than a hinged door, sliding doors are ideal for narrow spaces or for optimal space usage.	The frame is designed for easy installation whether in an existing wall or to replace a damaged frame.	Heated thresholds recessed into the concrete permitting trolleys to travel on a level surface as well as gravity self-closing door system	Norbec sliding doors are designed to resist harsh environments and heavy-duty equipment.

Our sliding doors come in a range of configurations. Talk to your local representative for more information.

# SERVICE DOORS



Norbec service doors have been designed to allow quick access, from outside, to products located in different areas of the walk-in. Furthermore, they simplify the access of an electrical box, for example, which could be located between the walk-in and the back wall. Each service door can either be standard or customized in order to meet project needs and are built with the same robustness as Norbec custom-made rooms, ensuring their durability.

- Quick access to small quantities
- High flexibility: choice of standard or custom construction
- Can integrate a conveyor
- Several doors can be installed on the same panel
- Easy installation and maintenance

## DOOR TYPE OPTIONS

- Service doors with an aluminum L-shaped frame, half an inch in thickness
- Service doors with an integrated aluminum frame, half an inch in thickness



## OTHER DOORS

In order to offer complete turnkey solutions, Norbec partners with industry leaders to offer quality products at competitive prices. Therefore, other types of doors can be provided if specific needs are to be met for a certain project.

### GLASS DOORS

The glass doors are engineered to withstand the daily uses of retailers and employees alike. They feature superior energy efficient technologies as well as being low maintenance and increasing product visibility.

### TRAFFIC DOORS

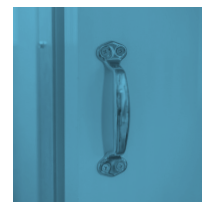
The traffic doors offered are the toughest in the industry due to its complex design configuration. The door is used from multiple applications as well as intensive pedestrian or forklift traffic. Withstanding to varying temperatures, this type of door is the perfect addition for Foodservice and Supermarket industries.



MAXIMIZE THE VALUE OF ANY PROJECTS BY ADDING FROM OUR WIDE RANGE OF DOOR ACCESSORIES.

## Door accessories

- 1 Hinges
- 2 Pull handles with latches
- 3 Door closer
- 4 Viewports (standard size of 15" X 20")
- 5 Protection kick-plates
- 6 Interior & exterior ramps
- 7 Foot pedals for hands free access
- 8 Open door alarm (available with Module IM4)
- 9 Motion detector
- 10 Strip curtains



Contact Norbec for more information on the complete range of accessories and options offered.



## NEED EXPERTISE AND ADVICE ?

Norbec is pleased to offer expertise and advice on a variety of products for all types of projects, no matter the complexity. Our teams are readily available to ensure your complete satisfaction anywhere and at all times.

## WHY CHOOSE NORBEC

### QUALITY

Norbec ensures quality and durability throughout the entire range of their products. They are custom-made to fit each client's specific needs and are designed using high-quality and heavy-duty components. Our teams perform regular quality controls checks during the entire the manufacturing process to ensure that they always comply with the most stringent food safety and building code regulations. When products are released from the factory, we make sure they reach their destination in optimal condition. With more than 35 years of expertise and innovation, Norbec has gained their customers' trust through the quality of their services and products.

### CUSTOMER-CENTRED APPROACH

Norbec listens to its customers' feedback carefully and guarantees to always comply with present and future regulations, thus securing durability & performance for our products. Beyond daily tasks, our teams make a continuous effort to improve the processes, the products and the services provided by our organization to our customers.

### TECHNICAL SUPPORT & CUSTOMER SERVICE

Finding precise solutions rapidly and providing exceptional after-sales service and support is of the utmost importance to our technical support and customer service team. We rely on the integrity of our team to deliver consistent excellence and work together to provide on-time delivery, personal assistance and expert application engineering. Norbec takes pride in delivering first-class products, solutions and support anywhere and at all times.

# NORBEC™

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