



# PL-1650

## HINGED DOOR



The materials used in the manufacture of hinged doors are sturdy and provide superior sealing. Each door is individually designed and manufactured in-house. From designing to manufacturing, the concern for quality is vital in product development.

In addition to providing good insulation properties and enhanced waterproof seal, the doors are designed to withstand daily activities throughout the years. They are manufactured for the most demanding environments (heavy duty usage, high salinity, moisture and strong chemicals). Norbec considers industry regulations such as health standards, energy standards and building standards throughout the entire process.

### ADVANTAGES OF NORBEC HINGED DOORS

- ▶ Highly resistant structure
- ▶ Easy and quick installation
- ▶ Several options available for multiple applications
- ▶ Resistant to corrosion and chemicals
- ▶ Ease of maintenance

### DOOR

This offset door is designed so that the outer and inner walls are mechanically assembled to prevent delamination during repeated impacts. Gaskets are easily replaceable in addition of being resistant to grease and detergents. Doors are equipped with galvanized steel reinforcement at the anchor points of the hardware to ensure durability.

### FRAME

Constructed from 1/2" thick "L" aluminum profiles, this unique door frame is by far the most robust in the industry. It is provided with a thermal break. The freezer frame is equipped with a heating wire totally integrated in the profile and covered by a molding that facilitates its replacement. The profiled aluminum sill is provided with a double heating wire.

### DIMENSIONS

Door thickness: 3", 4" or 5"  
Width: 24" to 60"  
Height: 72" to 192"

Other dimensions available upon request

# HARDWARE

HINGES	HANDLES	INTERIOR PUSH BAR
2 Kason #1245 (for doors under 48") or 2 Kason #1277	Kason #78 brushed chrome	Kason #481 glow-in-the-dark knob

# OPTIONS

- ▶ Protection kick plates
  - 18 or 16 gauge galvanized steel
  - 14,16 or 18 gauge stainless steel # 2B
  - Aluminum treadplate 1/16", 1/8" ou 3/16"
- ▶ ST-1000 independent surface threshold for freezers. Heater wire is covered by a 3/8" thick aluminum plate
- ▶ RT-1000 independent recessed threshold in the concrete slab  
Heater wire is covered by a 3/8" thick aluminum plate
- ▶ "L" shaped threshold for doors without door broom
- ▶ Extension of door jamb into concrete slab for more strength
- ▶ Windows

Other options available upon request.

# INSTALLATION

The frame is designed to be installed in an existing wall. The opening in the wall should be 1 1/2" wider and 1" higher than the clear opening of the door, including clearance for adjustment. The front of the frame must be bolted through the wall with carriage bolts that join the rear of the frame. The frame mounting holes are pre-drilled at the factory. Bolts, nuts, washers and finish caps are supplied with the door. Reinforcement angles must be added inside the left and right sides of the door frame.

# TECHNICAL DETAILS

