

# HEAVY DUTY

Approved  
for use in  
REGISTERED  
ESTABLISHMENTS

Available in a  
large selection  
of colours

Resists dents,  
scuffs and  
abrasions



1/8" ABS Skin  
Foam Insulated,  
Fully gasketed

Large thermopane  
windows

Heavy Duty  
floor mounted  
V-cam hinge,  
plated to resist  
corrosion

## SERIES 4500

### HEAVY DUTY RIGID INSULATED IMPACT DOOR

Designed for door openings up to 10' wide x 10' high where privacy into restricted areas, temperature control and appearance are major considerations. The series 4500 features extra heavy duty floor mounted gravity type v-cam hinges and a welded heavy gauge steel tubular inner framework. The series 4500 has adjustable springs to compensate for some negative pressure. The model 4502's 1-3/4" thick insulated panels have the strength to withstand heavy duty forklift traffic while being light enough to service pedestrian traffic. Large vision areas provide maximum personnel safety. Available in a large selection of colours and finishes, the series 4500 impact traffic doors are ideally suited for supermarkets, processing plants, warehouses, and refrigerated applications where high volume forklift traffic and safety of personnel and customers are a concern. The foam filled interior and full gasketing provides outstanding environmental control thus saving money on energy costs.





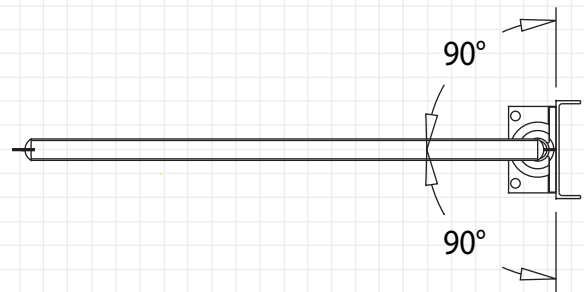
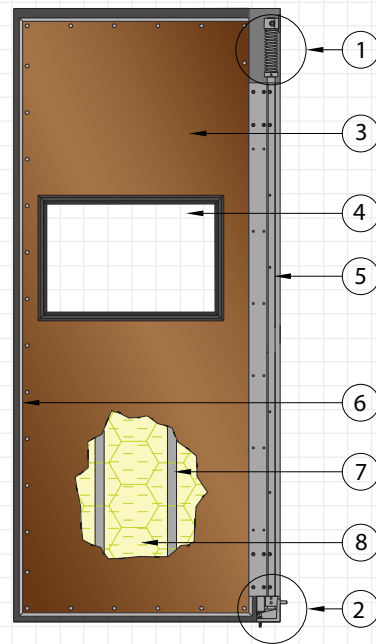
**MODEL 4502**

All doors noted rigid insulated impact traffic doors on the door schedule shall be series 4500 model 4502 as manufactured by Super Seal Mfg. Ltd., Woodbridge, Ontario.

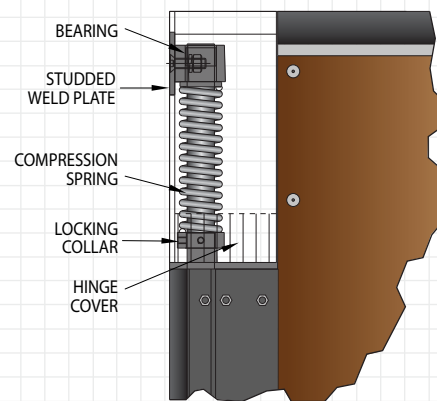
Door body shall be 1-3/4" thick overall, double acting, shock absorbing construction consisting of an all welded 1-1/2" square tubular steel interior framework. The face panels shall be 1/8" thick high impact and abrasion resistant (1) piece "tuff plas" colour \_\_\_\_ riveted to the tubular steel framework. The interior door panel shall be filled with urethane foam. Each panel shall be securely fastened between two (2) rolled formed 11 gauge steel side frames with (1) coat black top quality baking enamel. Door panels shall have full perimeter gasketing. Upper hardware hinge covers supplied as standard. Each panel shall have a clear safety acrylic 1/8" thick double "thermopane" window. Window size is determined by door size (24" x 12" and 34" x 16").

**Product Details:**

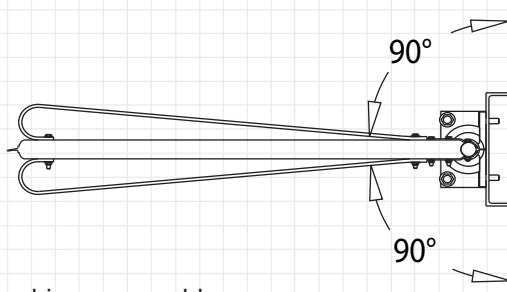
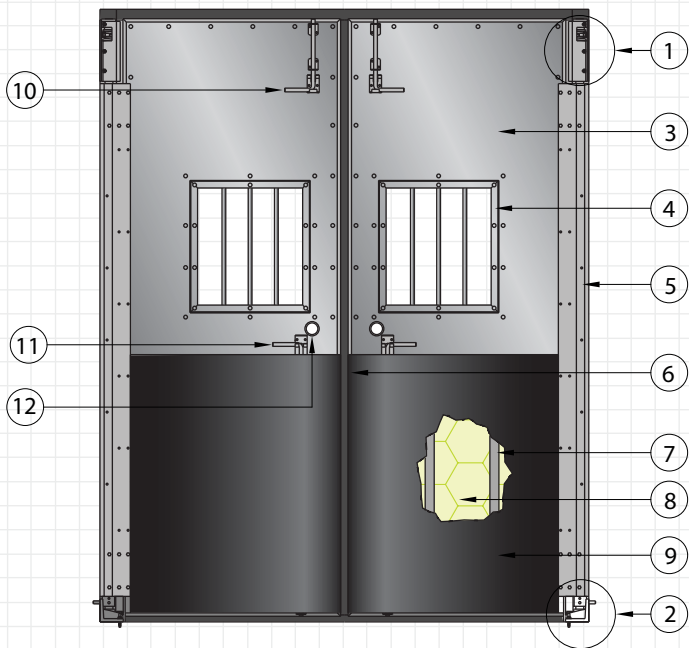
- Series 4500, Models 4502 and 4500APO will suite door opening sizes up to and including 10' wide X 10' high
- Double-Dutch models available for opening higher than 10'.
- Ideally suited for pedestrian, push cart and forklift traffic.
- Available in a wide range of colours. Also available with metal cladding such as; stainless steel, anodized aluminium, galvanized steel either solid or in combination.
- Heavy duty, shock absorbing 5/16" thick HDP spring bumpers minimize impact danger from motorized equipment thus protecting the equipment itself, the load, the door panels and most importantly personnel.
- Easy replaceable gasketing mounted in a rigid PVC track.
- The series 4500 door can also be fabricated with a different colour face panel on each side.



1. Top hinge assembly
2. Bottom hinge assembly
3. 1/8" thick "tuff plas" color face panel
4. 1/8" thick sealed double thermopane safety window (Window size varies depending on door size)
5. 11 ga. Roll-formed steel side frame (painted)
6. PVC edge trim c/w gasket
7. 1 1/2" square tubular steel door frame
8. 1 1/2" thick urethane foam insulation

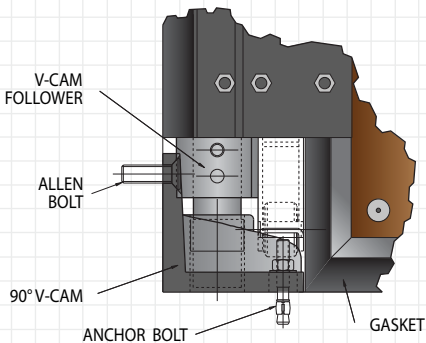


**TOP HINGE ASSEMBLY**



1. Top hinge assembly
2. Bottom hinge assembly
3. 1/8" aluminum face panel
4. Double pane clear lexan safety window w. security bars
5. 11 ga. Roll-formed steel side frame (painted)
6. PVC edge trim c/w gasket
7. 11 ga. x 1 1/2" square tubular aluminum door frame
8. 1 1/2" thick urethane foam insulation
9. 42" high HDP spring bumpers
10. Top cane bolt assembly
11. Bottom cane bolt assembly
12. Chain locking collar

\*\*\* recommended framing requirements 1/4" thick x 8" wide face steel frame mounted to a solid foundation.



BOTTOM HINGE ASSEMBLY



**MODEL 4500APO  
U.S. POSTAL APPROVED**

All doors noted rigid insulated impact traffic doors on the door schedule shall be series 4500 model 4500APO as manufactured by Super Seal Mfg. Ltd., Woodbridge, Ontario.

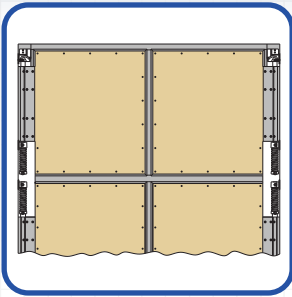
Door body shall be 1-3/4" thick overall, double acting, shock absorbing construction consisting of an all welded 11 gauge x 1-1/2" square tubular aluminium with 1-1/2" x 3" 11 gauge inner stile. The face panels shall be 1/8" thick aluminium welded to the frame and through riveted with security proof fasteners. The interior door panels shall be foam filled. Door panels shall have full perimeter gasketing. Upper hardware galvanized steel hinge covers supplied as standard. Each panel shall have a double pane 1/8" thick polycarbonate adhered to frame with through riveted security proof fastens. Vision area to have three (3) Vertical security bars on 7" centers. Panels shall be supplied with 5/16" thick shock absorbing black HDP 42" high spring bumpers mounted flush both sides of each panel. 5/8" diameter cane bolts mounted at top and bottom of both panels. Zinc plated cane bolts to have 1" minimum throw. Each panel to have 2" diameter chain lock sleeve.

**HINGE HARDWARE**

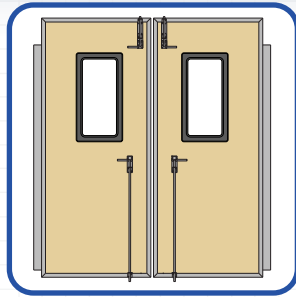
Hinge Hardware shall be floor mounted, v-cam gravity type, double acting, swinging in 90° in each direction. V-cam gravity hinge hardware shall be an assembly of 1-5/16" diameter continuous one (1) piece steel posts, high strength cast steel alloy gravity type floor mounted v-cam bearing and a high strength cast steel alloy gravity type upper bearing both fitted with self lubricating bronze oil-lite bushings. The v-cam follower shall be fitted with a 1-1/2" diameter aircraft quality needle bearing cam yoke roller. All door panels shall be furnished with an adjustable spring compensator. All hardware components shall be plated to resist corrosion. Plated steel top weld plates with studs supplied.

## SERIES 4500 HEAVY DUTY IMPACT DOOR

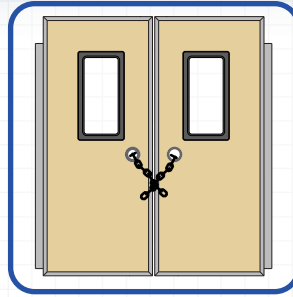
### OPTIONS



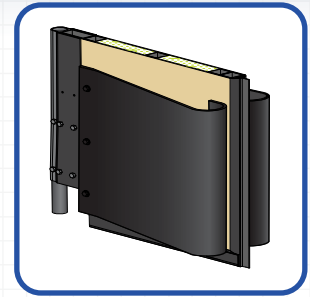
A. Double Dutch



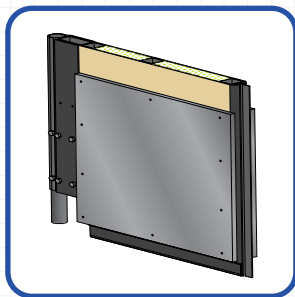
B. Cane bolts  
(Top and/or Bottom)



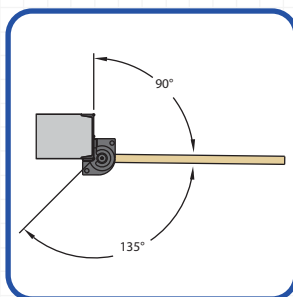
C. Chain locking collar



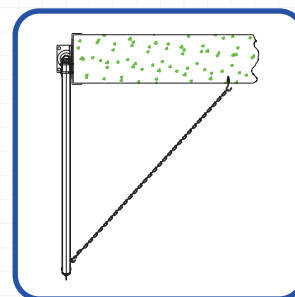
D. Spring bumpers  
(up to 42" High)



E. 1/2" thick wear panels  
(up to 48" High)



F. Wide angle hinge  
(90°-135°)

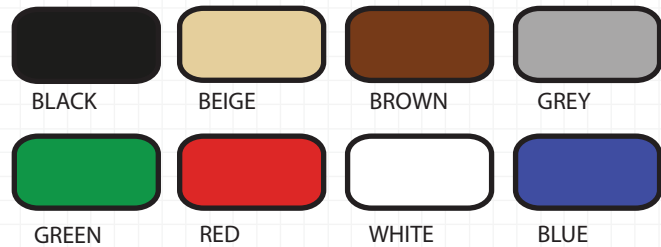


G. Hold open device

### MORE OPTIONS

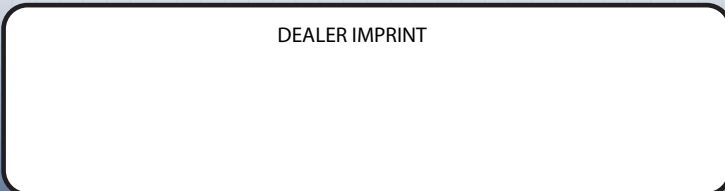
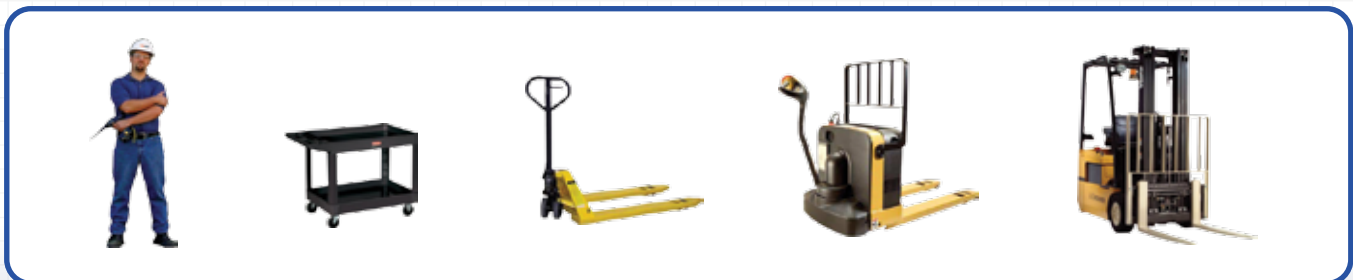
- H. 1/4" thick x 12" extension "U" brackets
- I. For use in REGISTERED ESTABLISHMENTS
- J. Aluminium, galvanized or stainless steel facings

### COLOUR OPTIONS



Colours may not be exactly as illustrated  
For colours other than those listed please consult manufacturer.

### TRAFFIC TYPES



\*\* All Super Seal products are subject to design modifications without notice.  
Product may be shown with non-standard options.