



# PYROPHOBIC SYSTEMS LIMITED

649 Welham Road, Barrie, Ontario L4N 0B7 Tel (705) 730-0840 Fax (705) 730-0855

## Core Specifications:

Size:	74.5" - 80" (H) x 33 1/2" (W)
Density:	21 - 24 pounds per cubic foot.
Weight:	51 - 58 lbs/core (pallet of 40 cores each). Average 55 lbs/core
Colour:	Pink
Thickness:	1 - 21/32"
Tensile Strength:	150 psi

### Characteristics:

- Inorganic based composite core (Patented)
- Fibreglass sheeting on both sides.
- Maximum 3 joined pieces per door.
- Available in sheets of up to 80" in length.

*For further information, please contact  
Kristen Lock, Sales  
Tel: (705) 730-0840 Fax: (705) 730-0855  
Email: pyrophobic@aol.com*

## Labelling:

Approved by ITS (Warnock Hersey) and UL for 1.5 hour and 3 hour positive pressure (including negative pressure) steel doors (UBC 7-2 (1997), NFPA 252 (1999), UL 10C (1998) and ULC CAN4-S104-M80 (1985) for the following:

single doors (up to 4'x8')  
standard double doors (up to 8' x 8'),

and approved by ITS (Warnock Hersey) for 1.5 hour positive and negative pressure for:

double egress (up to 8' x 8').

Please contact Pyrophobic Systems Limited, ITS (Warnock Hersey) or UL for labelling.

## DOOR SPECIFICATIONS:

The following specifications are required for ITS (Warnock Hersey) or UL listing. For further information, please contact ITS, UL or Pyrophobic Systems.

### Fire Door:

Hollow Metal Temperature Rise Doors for Installation at 1-1/2 and 3 hour locations

### Temperature Rise:

250°F @ 30 minutes (U.S. Standard)  
450°F @ 60 minutes (U.S. Standard)  
250°C @ 60 minutes (Canadian Standard)

### Size:

Single: up to 4' x 8' high  
Standard Pairs: up to 8' x 8' high, astragal required  
Double Egress Pairs: up to 8' x 8' high, vertical rods, fire exit hardware & astragal required

Thickness: 1 21/32"

### Skins:

Flush, 20 gauge minimum to 16 gauge maximum

### Core:

Pyrophobic core bearing a WH and UL ink stamp on each core, maximum 3 peices per door, (9" vertical joint, 7" horizontal joint).

### Adhesive:

- As approved by ITS or UL for positive pressure rated fire doors.

### Vision Panels:

- 100 sq. in. maximum, 5" x 20", 10" x 10", 3" x 20", or 11.25" round listed lites.
- Listed lite kit 0.038" - 0.003".

### Astragal:

- Z type (14 gauge)
- Blank, ASA or ASA/Flush bolts or flat bar type 10 gauge

### Hardware:

- Hinges: Ball bearing hinges per NFPA 80 or listed spring hinges, or continuous hinges.
- Latches: Listed cylindrical latch 1/2" throw, listed mortise latch 3/4" throw.