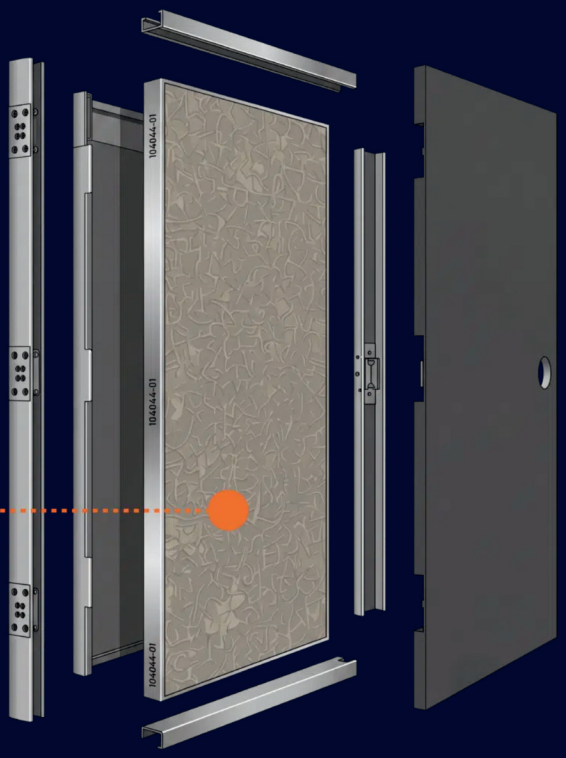
Pyrophobic Systems Ltd.

Patented, NRTL-listed composite core for temperature-rise steel fire doors.

1.5 & 3 HOURS
Fire-rated Performance

STC 33
Acoustic Performance

LIGHTWEIGHT
Lightweight Construction



tempor core

UL 10C • UL 1784 • NFPA 252 • ULC CAN4 S104 M80

All-in-one safety solution

Fire/smoke protection

Sound isolation

Scan for specs and more details

Pyrophobic Systems Ltd.
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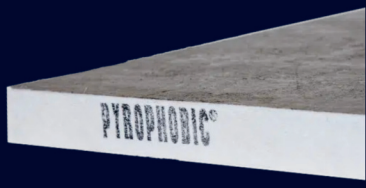

Specifications
Size: 33.4” x 74.5” 80” H x 1.656” D
Density: 21 – 24lb/cu.ft.
Weight: 55lbs/core
Colour: White
Strenght: 150psi tensile strength

Characteristics
- Patented inorganic-based composite core
- Woven fiberglass both sides
- Maximum 3 jointed pieces per door
- Available in easily handled paels up to 80”long

Labeling
Approved by Warlock Hersey and UL for 1.5 and three hour positive pressure(including negative pressure) steel doors, UBC 7-2, NFPA 252, ULIOC.ULC CAN4-S104-MB30. for a single doors up to 4’ x 8’ and standard double doors up to 8’ x 8’ Wamock Hersey has approved the core for 1.5 hour positive and negative pressure for double egress up to 8’ x 8’

Door Specifications
The following specifications are required for a WH or UL listing.

Skins
Flush, 20 gauge minimum up to 16 gauge maximum.

Vision Panels
100sq. in max, 5” x 20”

Fire Door
Hollow metal temperature rise doors for installation at 1.5 and 3 hours locations.

Adhesive
As approved by WH or UL for positive pressure rated fire doors.

Core
Pyrophobic PSL P250C-60 core bearing a WH or UL ink stamps on each core.

Temperature Rise
250° F at 30 minutes (US Standard)
450° F at 60 minutes (US Standard)
250° C at 60 minutes (CAN Standard)

Size
- Single up to 4’x 8’
- Standard Pairs: to 8’ x 8’ requires astragal
- Double Egress Pairs: up to 8’ x 8’ high, vertical rods, fire exit hardware & astragal.

Astragal
Z-type (14 gauge), blank ASA or ASA/flush bolts or flat bar type 10 gauge.

Hardware
Hinges: Ball bearing per NFPA 80 or listed spring hinges or continuous.
Latches: Listed cylindrical latch 0.5” throw, listed mortise latch 0.75” throw.

Sound insulation acoustic performance
Sound Transmission Class (STC) (ASTM E-90): 33.
Outdoor-Indoor Transmission Class (OITC) (ASTM E-90): 30.

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