



Cores for safer doors.

Product Data Sheet

A patented, composite fire door core with excellent surface adhesion and mechanical strength.

Specifications:

Size: 33.4" x 74.5" - 80" H x 1.656" D
Density: 21 - 24lb/cu.ft.
Weight: 55lbs/core
Colour: White
Strength: 150psi tensile strength

Characteristics:

- Patented inorganic-based composite core
- Woven fiberglass both sides
- Maximum 3 jointed pieces per door
- Available in easily handled panels 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, UL10C.ULC CAN4-S104-MB30. for a single doors up to 4' x 8' and standard double doors up to 8' x 8' Warlock 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.

Temperature Rise:

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

Skins:

Flush, 20 gauge minimum up to 16 gauge maximum.

Adhesive:

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

Astragal:

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

Sound Insulation Acoustic Performance:

Sound Transmission Class (STC) (ASTM E-90): 33.

Outdoor-Indoor Transmission Class (OITC) (ASTM E-90): 30.

Fire Door:

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

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.

Core:

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

Vision Panels:

100sq. in max, 5" x 20"

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.