

# tempRCORE™



PSL P250C-60 - Temperature Rise Core for Steel Fire Doors

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

## Specifications:

Size: 33.5"W x 74.5"-80"H x 1.656"D  
Density: 21-24lbs/cu.ft.  
Weight: 55lbs/core  
Colour: Pink  
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 Warnock Hersey and UL for 1.5 and 3 hour positive pressure (including negative pressure) steel doors, UBC 7-2, NFPA 252, UL10C, ULC CAN4-S104-M80, for single doors up to 4' x 8' and standard double doors up to 8' x 8'. Warnock 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

**Fire Door:** Hollow metal temperature rise doors for installation at 1.5 and 3 hour locations

**Temperature Rise:** 250°F at 30 minutes (US Standard)  
450°F at 60 minutes (US Standard)  
250°C at 60 minutes (Canadian Standard)

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

**Thickness:** 1.656"

**Skins:** Flush, 20 gauge minimum up to 16 gauge maximum

**Core:** Pyrophobic PSL P250C-60 core bearing a WH or UL ink stamp on each core  
Maximum 3 pieces per door (9" vertical joint, 7" horizontal joint)

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

**Vision Panels:** 100sq. in. max, 5" x 20"

**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