

tempRCORE™

Cores for safer doors.

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

Specifications

Size: 33.5" 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 Warnock Hersey and UL for 1.5 and 3 hour positive pressure (including negative pressure) steel doors, UBC 7-2, NFPA 252, ULI10C, 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°F 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

Adhesive:

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

Vision Panels:

100sq. in. max, 5" x 20"

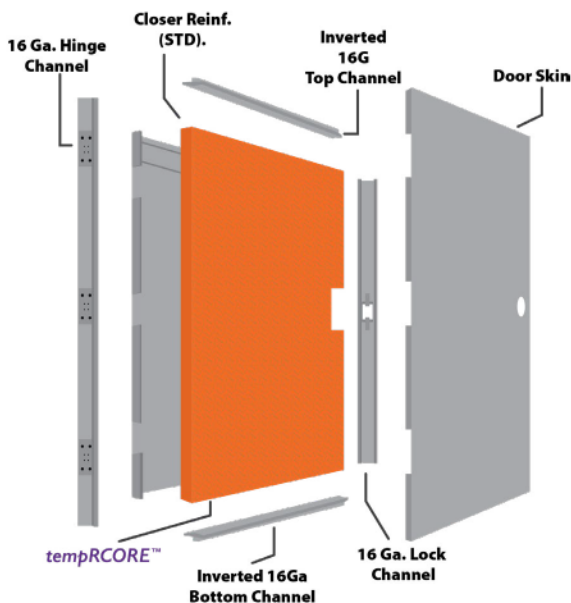
Astragal:

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



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