

RHINO-SP

High Pressure Resistant Sliding
Fire Doors



Rhino Doors
THE STRENGTH TO PROTECT

High Performance Fire and Pressure Resistant Steel Doors for Rail Infrastructure Projects

Designed to resist fire, static & reciprocating air pressures and blast attack

Rhino-SP steel doors are designed and produced as part of a reciprocal technology transfer arrangement with our strategic partner, Bator Industries AG, Switzerland. These doors are installed in various locations in rail and road tunnels, and surface & sub-surface rail stations.

Availability: Standard and bespoke designs
Personnel and oversize constructions
Sliding configurations

Applications: Cross passage fire escape
Ventilation shafts
Plant rooms
Trackside access and back-of-house locations in general

Typical Design Criteria:

Fire Rating: E240 to BS476: Part 22

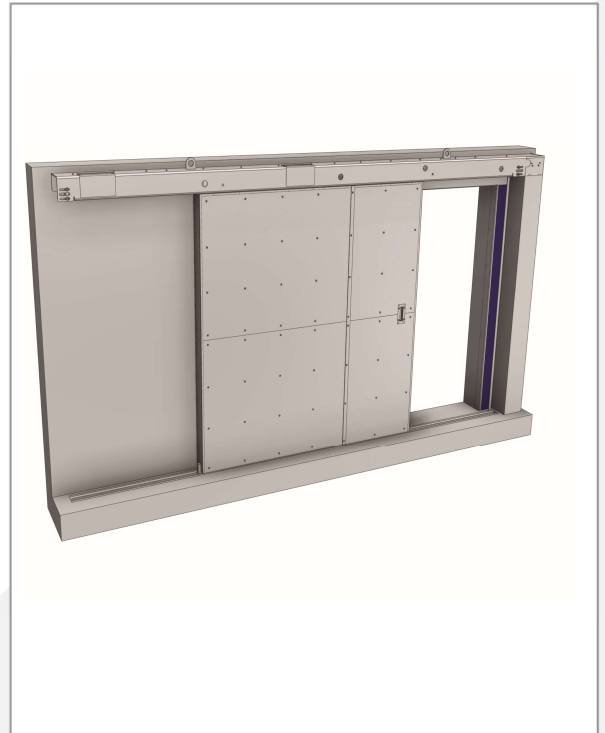
Pressure Resistance: +/- 15 kN/m²

Blast Resistance: > 100kN/m²

Executed projects include:

Marmaray Deep Sea Subway Tunnel, Istanbul

Scope: 110 No sliding doors
Dimensions: 2000x2100x120mm thick
Fire resistance: E240 to BS476: Part 22
Reciprocal pressure: +/- 3.4kN/m²
Blast resistance: 100kN/m²
Material: Stainless steel
Operation: Automatic closure by counter weight and radial damper



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