

# RHINO-HP

High Pressure Resistant Hinged  
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-HP 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  
Hinged 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:

Up to +/- 15 kN/m<sup>2</sup>

Blast Resistance: > 100kN/m<sup>2</sup>

**Leaf:** Single and double leaf configurations. 120mm thick leaves with 1000kg/m<sup>3</sup> high density insulation board skins covered in 1mm steel sheets and mechanically fixed to a steel framework. Solid steel heavy duty hinges with grease nipple lubricated, phosphor bronze bushes.

**Frame:** Fabricated RSC sections with 5mm thick steel stops

**Ironmongery:** LU approved ironmongery.

**Finish:** PPC in any RAL colour.



### Contact Details

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