

THE NELSON

Reliable access solutions for tunnel applications

KEY FEATURES



FIRE RATING
Up to E120



MAX DIMENSIONS
2000mm x 1800mm

Boothindustries



Constructionline
Platinum Member

Developed for highspeed tunnel environments, providing advanced fire and pressure performance through a durable sliding design for demanding infrastructure applications.

DOOR LEAF

112mm thick steel construction leaf with welded cross sectional channel reinforcement.
Leaf mass is 735kg.

FRAME

Bespoke sliding door frame manufactured from stainless steel with welded steel construction.

CONFIGURATION

- Single sliding doorset
- Maximum dimensions:
2000mm x 1800mm
- Structural opening:
2000mm x 1600mm
- LH or RH configuration available

OPERATION

Counterweight assisted sliding operation with Dormakaba hold open magnet and self closing functionality.

LOCKING SYSTEM

Aldgate Surelock McGill locking system with stainless steel Surelock handle and Booth dogbolt locking arrangement.

IRONMONGERY

- Stainless steel Surelock handle
- Dormakaba hold back magnet
- IDEM proximity position sensor
- IFM vibration sensor

SEALS + THRESHOLD

- Norseal 30075 IS 30 x 2" seals
- No threshold
- No vision panels or access panels

SURFACE FINISH

316L stainless steel construction with corrosion resistant finish.

INSTALLATION

Fixed to frame sub construction with stainless steel cast into reinforced concrete.



	Fire Rating	Acoustic	Security	U-Value	Smoke	Wind
Nelson	E120	–	–	–	–	–