



PRISON | SINGLE HINGED DOOR

FTHE 0030 | Burglary resistance AE20 (in accordance with the Belgian Ministry of Justice), Fire resistance EI1-30 (in accordance with EN1634-1)

Burglary resistance

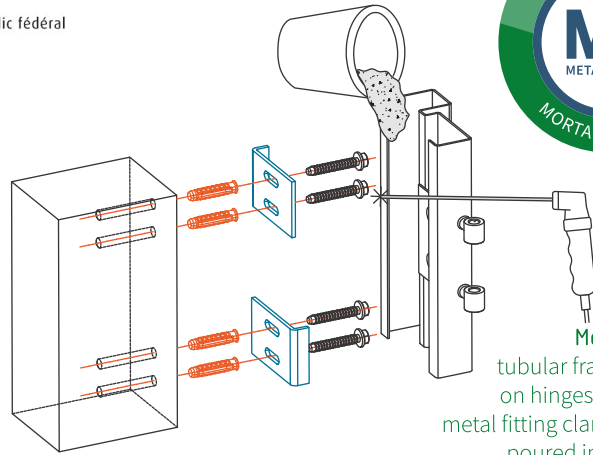
Fire resistance

Tests carried out by the department of Justice



Service public fédéral
Justice

All Heinen doors are constructed on the basis of the METAL+ concept, lending them superior basic performance standards.



Metal+ construction:
tubular framework, screwed on hinges and metal sheets, metal fitting clamps to be welded, poured into sealing mortar.

Basic performance features of the prison door:



Fire resistance (EN 1634-1)
EI1-30

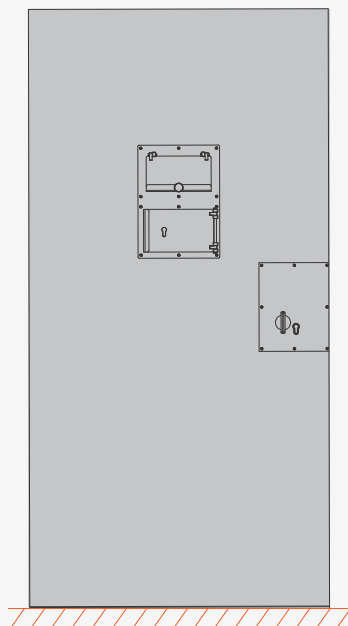


Burglary resistance (Belgian Justice department Standard)
Compliant P1 = (3.5t) + AE20
Compliant P2 = (2.5t) + AE20 (cell door level)
Compliant P3 = (0.5t) + AE10

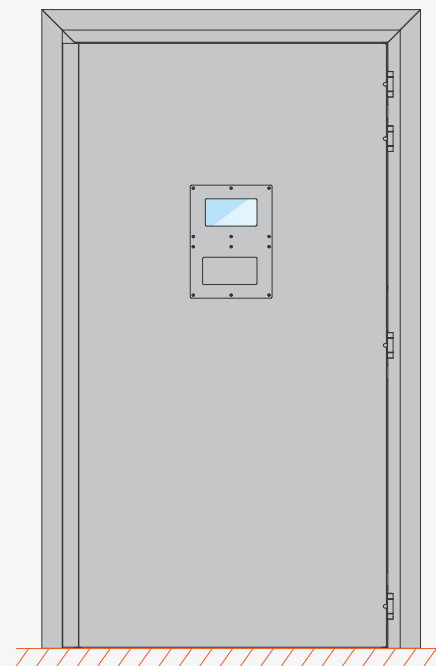
CROSS-SECTION PRISON DOOR SURFACE MOUNTED (DRHE 0030a)

(also available fitted in the opening (tunnel) : DRHE 0030b)

View non-hinge side
with serving hatch



View hinge side
with serving hatch



DOOR DIMENSIONS (always customised)

Surface mounted - mechanical lock

Maximum dimensions	Width	Height
Leaf	1200	2400
Opening	1160	2383

Minimum dimensions	Width	Height
Leaf	570	1663
Opening	530	1646

Calculation of free passage (excluding combinations):

FP 180° = Width of opening
FP 90° = Width of opening - 70
FP = Height of opening

Fitted in a tunnel - mechanical lock

Maximum dimensions	Width	Height
Leaf	1200	2400
Opening	1360	2503

Minimum dimensions	Width	Height
Leaf	570	1663
Opening	730	1766

Calculation of free passage (excluding combinations):

FP 180° = Width of opening - 200
FP 90° = Width of opening - 260
FP = Height of opening - 115

Surface mounted - electric lock

Maximum dimensions	Width	Height
Leaf	1200	2290
Opening	1160	2273

Minimum dimensions	Width	Height
Leaf	570	1663
Opening	530	1646

Calculation of free passage (side under attack non-hinge side):

FP 180° = Width of opening
FP 90° = Width of opening - 70
FP = Height of opening

Fitted in a tunnel - electric lock

Maximum dimensions	Width	Height
Leaf	1200	2290
Opening	1360	2393

Minimum dimensions	Width	Height
Leaf	570	1663
Opening	730	1766

Calculation of free passage (side under attack hinge side):

FP 180° = Width of opening - 200
FP 90° = Width of opening - 260
FP = Height of opening - 115

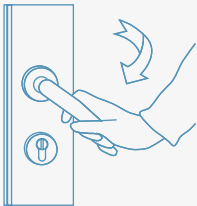
Construction support with a minimum thickness of 140 mm and a minimum density of 1940 Kg/m³.

SECURITY LOCKS (supplied by the department of Justice)

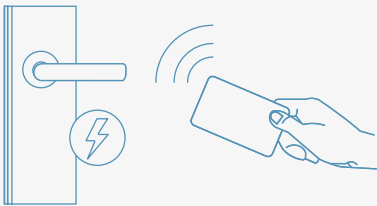


Service public fédéral
Justice

Justice mechanical



Justice electric



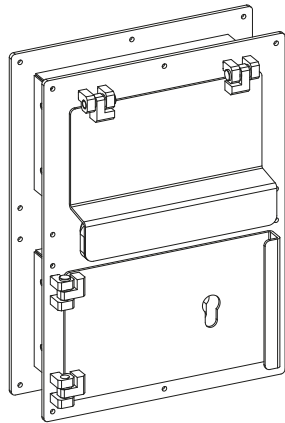
POSSIBLE CONFIGURATIONS

Available solid or with integrated hatch for handcuffs and peephole.

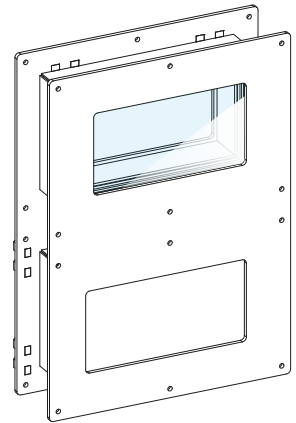
Visible dimensions of the glazing: 100 x 190 mm.

Clear passage dimensions of the hatch: 100 x 200 mm.

Non-hinge side

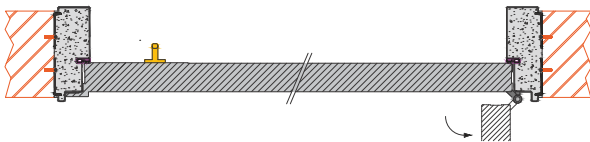


Hinge side

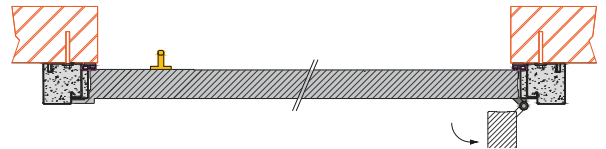


Fitted in the opening (tunnel) or surface mounted

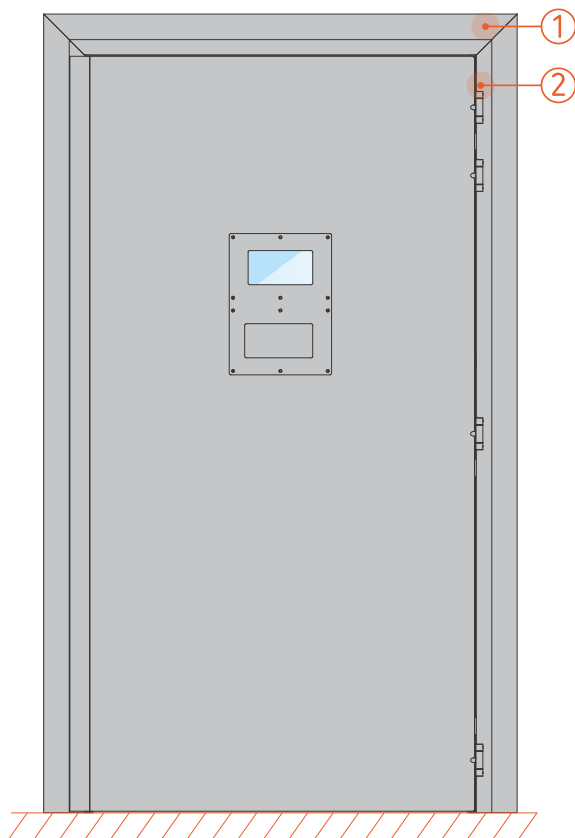
View fitted in tunnel



View surface mounted



FITTINGS *(view hinge side)*



BASIC FITTINGS

- 1 | **Door frame and leaf finish**
Magnelis® Hot-dip galvanised ZM 250 steel (250g/m², 20µm thick).
- 2 | **Hinges**
Four steel hinges, adjustable and replaceable.
- 3 | **Handles**
Supplied by the department of Justice.
- 4 | **Europrofil cylinder**
Supplied by the department of Justice.
- 5 | **Security stud system**
Three security studs.
- 6 | **Lock**
Lock Justice mechanical.

OPTIONAL FITTINGS

- 1 | **Door frame and leaf finish**
Stainless steel 304, 316.
- 2 | **Hinges**
One or more hinges can be added; these are always adjustable and replaceable.
Stainless steel.
- 3 | **Backplate**
PVC or stainless steel backplate.
- 7 | **Door closers**
Sliding, mounted hinge side / non-hinge side.
- 8 | **Security lock**
Lock Justice mechanical.
- 9 | **Various options**
Indication of leaf position, call button.

Heinen doors can combine performance features on a bespoke basis. Depending on your needs, one or more performance features are added to the basic, robust Metal+ door. Some performances are only available with the welded and mortar filled installation method.



Fire resistance



Burglary
resistance



Acoustic
performance



Bullet-proof



Blast-proof



Electromagnetic



Anti-panic



Smoke
tightness



Thermal
insulation



Airtightness



Watertightness



Wind
resistance



www.heinen-doors.com