



EI2-120 | SINGLE & DOUBLE HINGED DOOR

FTHE 0108 | Fire resistance EI2-120 (in accordance with EN 1634-1)

Fire resistance

Tests carried out by the University of Liège.
Classification Report C0063



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

Basic performance features of the door EI2-120



Fire resistance (EN 1634-1)
EI2-120



Burglary resistance (EN 1627-1630)
RC2 subject to conditions



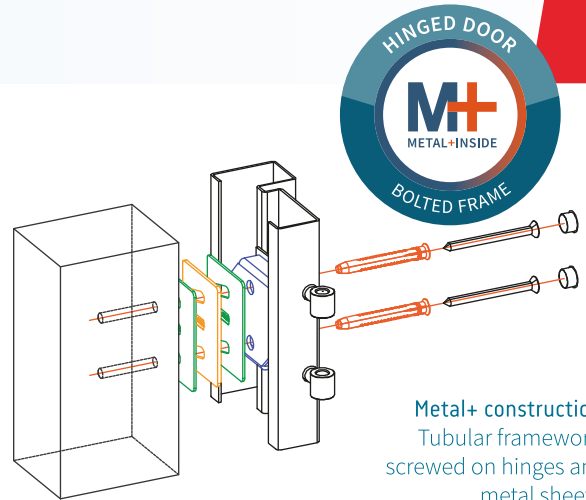
Radiation
EW 120
EW150 (out of the norm)



Frequency of use
200,000 open/close cycles



Service life of the door
10-year warranty on the door set



Metal+ construction:
Tubular framework,
screwed on hinges and
metal sheets.
Screwed installation.

With automatic Kältefeind threshold



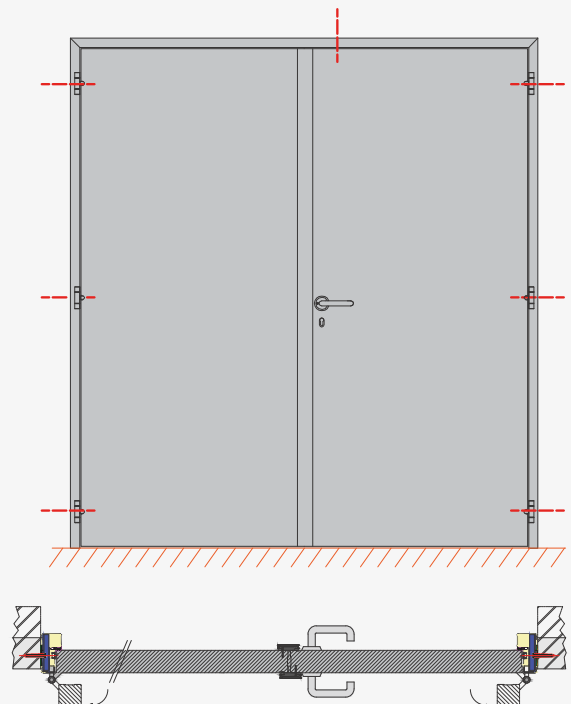
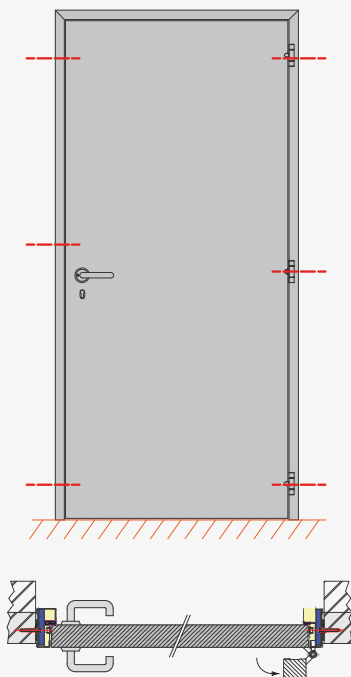
Airtightness
- single door minimum L2
- double door minimum L2 (with door closer)



Thermal insulation
Value between 1.7 and 1.9 W/m²K (depending on dimensions)

Possible combinations: ● Burglary resistance ● Anti-panic ● Smoke tightness

CROSS-SECTION EI2-120 DOOR (DRHE 0108)



DOOR DIMENSIONS *(always customised)*

Single door

	Min. dimensions		Max. dimensions		Max. surf.
	W	H	W	H	
Leaf	581	1822	1162	2429	2.82m ²
Opening	685	1878	1266	2485	

Calculation of clear passage (excluding combinations):

FP 180° = Width of opening - 135

FP 90° = Width of opening - 210

FP = Height of opening - 65

Construction support with a minimum thickness of 140 mm and a minimum density of 480kg/m³. The surface area stated for double doors is the sum of the surface areas of the 2 door leaves. On request, larger/smaller door units are also available outside the certificate, as are wall thicknesses. In Procès-Verbal de Classement n° EFR-15-000527-Rév.3 issued by Effectis, the dimensions are less restrictive. Max. leaf dimensions (LxH): 1334 x 2812. Min. leaf size (WxH): 570 x 1834

The dimensions of the leaves indicated in the Effectis classification certificates may vary from the University of Liège classification reports. For more details, see DOHE 012: Minimum and maximum dimensions of fire doors to EN 1634-1.

Symmetrical double door

	Min. dimensions		Max. dimensions		Max. surf.
	W	H	W	H	
Leaf	581	1822	1162	2429	5.64m ²
Opening	1276	1878	2438	2485	

Calculation of clear passage (excluding combinations):

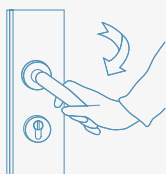
FP 180° = Width of opening - 135

FP 90° = Width of opening - 290

FP = Height of opening - 65

SECURITY LOCKS

Mechanical systems



Standard (one point)

Anti-panic  (1 and 3 points)

Security (1 and 3 points)

ABLOY EL160  , **EL360** 

Self-Security (1 and 3 points)

Dorma PHA 2000 + PHB 3000 

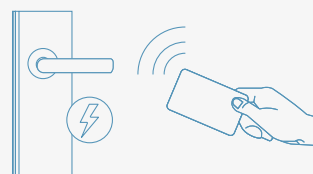
Manual locking

Automatic locking



*Fail secure : fonctionnement par alimentation de courant.
Fail safe : fonctionnement par rupture de courant.*

Electrical systems with automatic locking



ABLOY EL560  , **EL561**

Controlled entry: Fail safe or Fail secure.
Free anti-panic exit or controlled exit (Fail idem entry side).

Overlock (in combination with Self-Security 1 or 3 points):
Controlled entry: Fail secure.
Free anti-panic exit or controlled exit (Fail secure)

ABLOY EL518  , **EL520** 

Controlled entry: Fail secure.
Free anti-panic exit or controlled exit (Fail secure).

ABLOY EL532

Controlled entry: Fail secure.
Controlled exit: Fail safe.

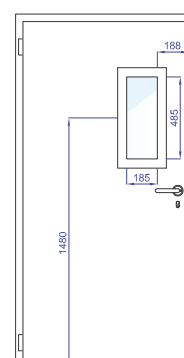
Solenoid locks

Motorised locks

WINDOW CONFIGURATIONS

Solid or peephole with sight dimensions of 185 x 485 mm.

TYPE 1



DETAILS OF MAIN COMBINATIONS



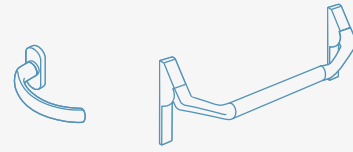
Burglary resistance

Tests carried out by the CNPP.
RC2 and RC3.



Anti-panic

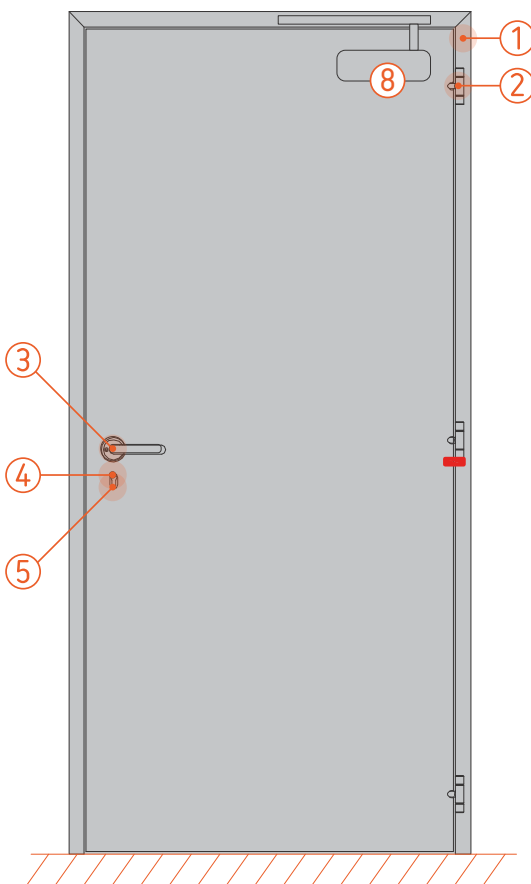
Pushbar or handle.



Smoke tightness

Sa, doorbottom seal.

FITTINGS



BASIC FITTINGS

- 1 | **Door frame and leaf finish**
Magnetis® Hot-dip galvanised ZM 250 steel (250g/m², 20µm thick).
- 2 | **Hinges**
Minimum three screwed steel hinges, adjustable and replaceable.
- 3 | **Handles**
A set of two U-shaped aluminium handles.
- 4 | **Europrofil cylinder**
Standard.
- 5 | **Backplate**
PVC backplate.
- 6 | **Lock**
Standard 1 point.
- 7 | **Security stud system**
One stud.

OPTIONAL FITTINGS

- 1 | **Door frame and leaf finish**
Stainless steel 304, 316 or RAL paint.
- 2 | **Hinges**
One or more hinges can be added; these are always adjustable and replaceable.
Stainless steel hinges.
- 3 | **Handles**
Handles, doorknobs, pull handles etc. in aluminium or stainless steel.
- 7 | **Security stud system**
Stud recommended for external doors.
- 8 | **Door closer**
With scissor arm or sliding arm, fitting on the hinge or non-hinge side, closure selectors, open position maintained etc.
- 9 | **Security locks**
See locks.
- 10 | **Remote surveillance**
Indication of leaf position, locking latch position, indication of leaf status.
- 11 | **Various options**
Soundproof doorsills, door stops, storm chains, impact plates and many other fittings.

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

For BIM files, please consult us. Our products are certified **CE**

Heinen product sheet | EI2-120 | SINGLE & DOUBLE HINGED DOOR | 2024-08-11_FT HE 0108 - V11EN

Copyright © Heinen 2024 | Non-contractual document.