

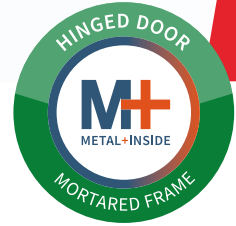


EI2-240 | SINGLE & DOUBLE HINGED DOOR

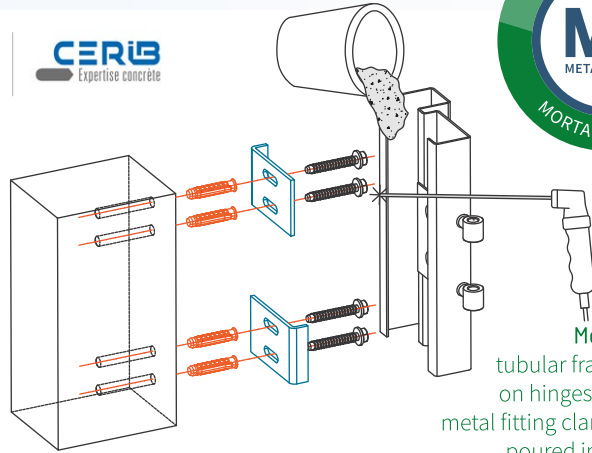
FTHE 0013 | Fire resistance 240, EI2-240, EI1-180

Fire resistance

Tests carried out by the University of Liège and Cerib. Technical Agreement 2020-A-005 Rév.1 delivered by ISIB



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 door EI2-240



Fire resistance (EN 1634-1)
EI2 240 / EI1 180*



Radiation
EW 240**



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

With an extra flat threshold (Sha)

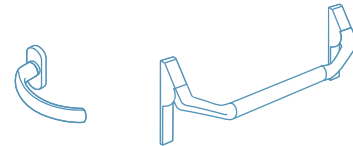


Airtightness
single door Niveau L2 minimum

Possible combinations



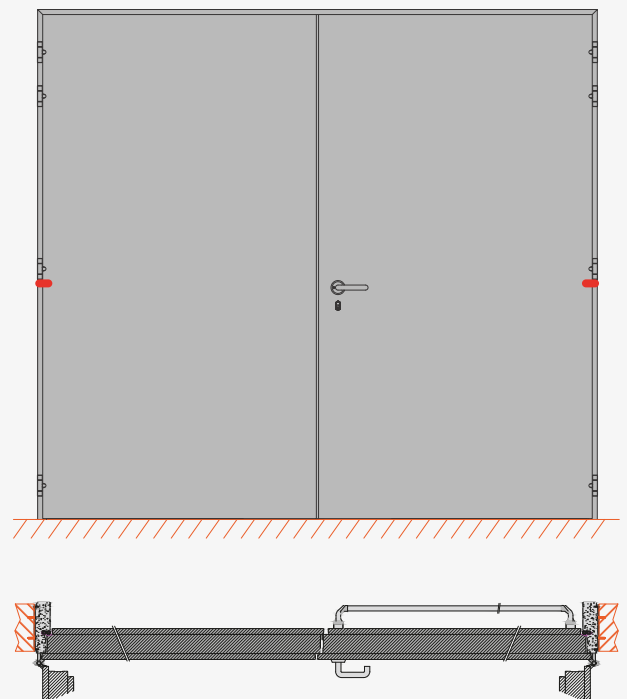
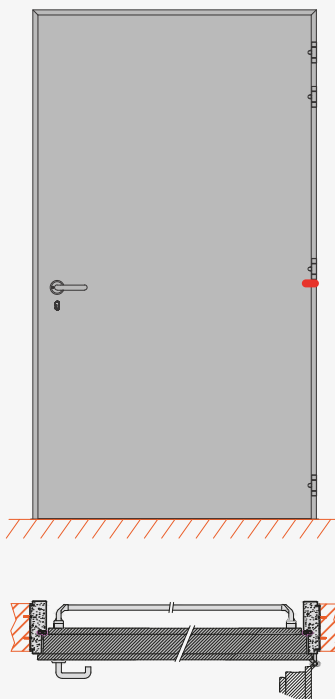
Anti-panic
Pushbar or handle.



*Classification available outside the European Standards: EI2 300

** EW300 for the single leaf door

CROSS-SECTION EI2 240 DOOR (DRHE 0013)



DOOR DIMENSIONS (always customised)

Single door

	Min. dimensions		Max. dimensions		Max. surf.
	W	H	W	H	
Leaf	600	1702	1425	2838	3.54m²
Opening	710	1780	1535	2916	

Double door

	Min. dimensions		Max. dimensions		Max. surf.
	W	H	W	H	
Vantail	410	1884	1425	2889	6.92m²
Baie	940	1962	2970	2967	

Calculation of free passage (excluding combinations) :

FP 180° = Width of opening - 140

FP 90° = Width of opening - 250

FP = Height of opening - 90

Please note that the surface area stated for double doors is the sum of the surface areas of the two door leaves. Construction support with a minimum thickness of 200 mm and a minimum density of 2200 Kg/m³.

On request, larger / smaller doorsets are also available without a certificate, this is also valid for the wall thicknesses.

Calculation of free passage (excluding combinations) :

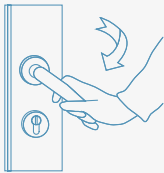
FP 180° = Width of opening - 140

FP 90° = Width of opening - 350

FP = Height of opening - 90

SECURITY LOCKS

Mechanical systems

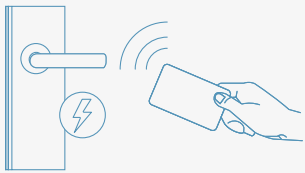


ABLOY EL160 , EL360

Abloy EL 160, single-point lock. Mechanical lock with automatic locking.

Automatic locking

Electrical systems with automatic locking



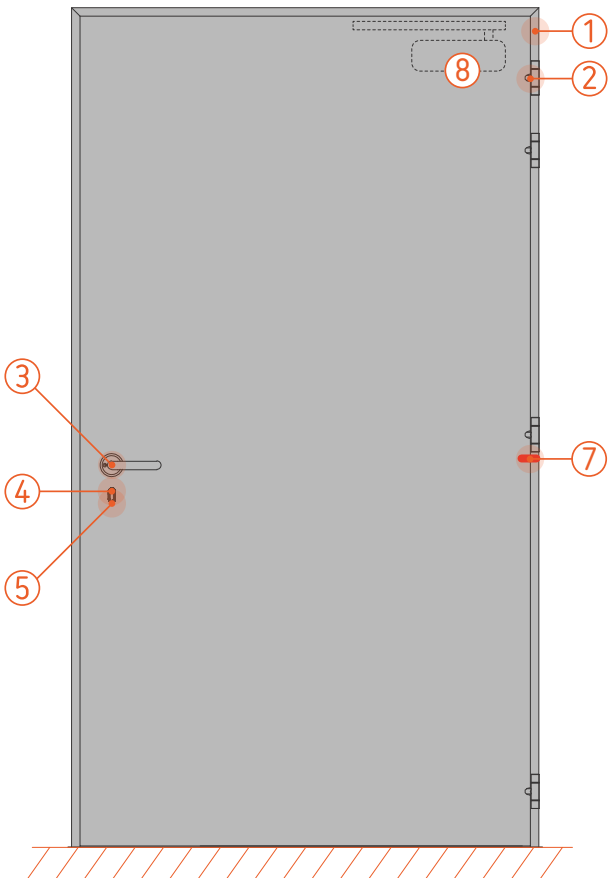
ABLOY EL560 , EL561

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

Solenoid locks



FITTINGS



BASIC FITTINGS

- 1 | Door frame and leaf finish
Magnelis® Hot-dip galvanised ZM 250 steel (250g/m², 20µm thick).
- 2 | Hinges
Minimum four screwed steel hinges, adjustable and replaceable.
- 3 | Handles / anti-panic bar
Handle on hinge side. Anti-panic bar on non-hinge side.
- 4 | Cylinder
Continuous cylinder.
- 5 | Backplate
PVC backplate.
- 6 | Lock
Single-point EL 160.
- 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.
- 8 | Door closer
GEZE TS5 5000 CO.
- 9 | Security locks
See locks.
- 10 | Remote surveillance
Indication of leaf position.

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