



RC4 | SINGLE & DOUBLE HINGED DOOR

FTHE 0122 | Burglary resistance RC4 (in accordance with EN 1627-1630)

Burglary resistance

Tests carried out by the CNPP

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

Basic performance features of the RC4 door



Burglary resistance (EN 1627-1630)
RC4



Frequency of use
200,000 open/close cycles



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

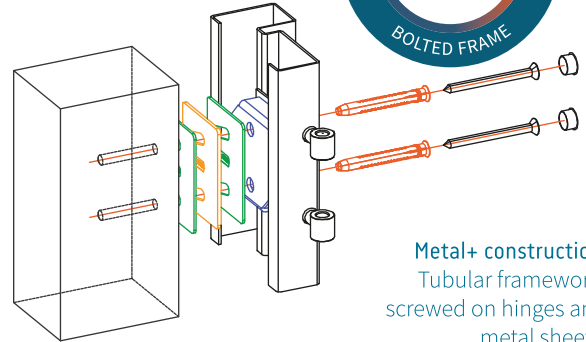
With automatic Kältefeind threshold



Airtightness
- single door minimum L2



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



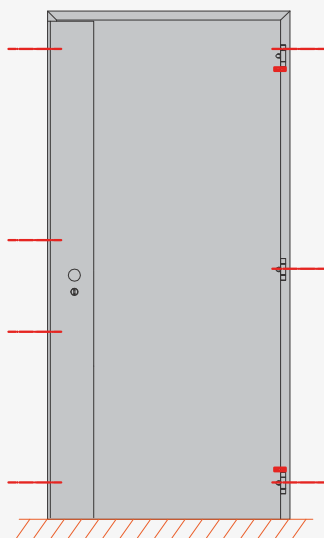
Metal+ construction:
Tubular framework,
screwed on hinges and
metal sheets.
Screwed installation.

Possible combinations:

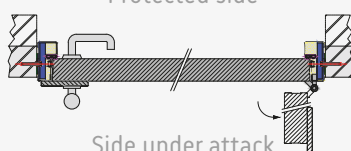
● Fire resistance ● Anti-panic ● Smoke tightness ● Thermal insulation ● Airtightness

CROSS-SECTION RC4 DOOR BURGLARY RESISTANCE HINGE SIDE (DRHE 0122a)

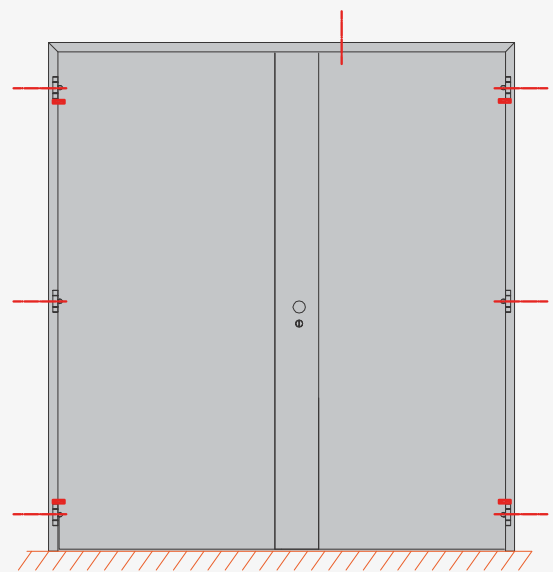
(also available with burglary resistance non-hinge side: DRHE 0122b).



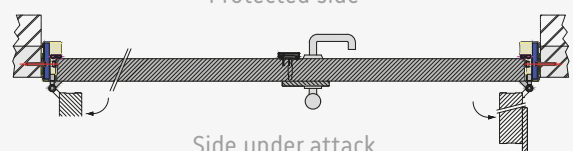
Protected side



Side under attack



Protected side



Side under attack

DOOR DIMENSIONS *(always customised)*

Single door

Maximum dimensions	Width	Height
Leaf	1450	3035
Opening	1550	3088

Minimum dimensions	Width	Height
Leaf	730	600
Opening	830	653

Calculation of free passage (excluding combinations) burglary resistance hinge side and non-hinge side:

FP 180° = Width of opening - 130

FP 90° = Width of opening - 200

FP = Height of opening - 65

Construction support with a minimum thickness of 100 mm.

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

Double door

Maximum dimensions	Width	Height
Leaf	1450	3035
Opening	3010	3088

Minimum dimensions	Width	Height
Leaf	400	900
Opening	910	953

Calculation of free passage (excluding combinations) burglary resistance hinge side:

FP 180° = Width of opening - 130

FP 90° = Width of opening - 270

FP = Height of opening - 65

Calculation of free passage (excluding combinations) burglary resistance non-hinge side:

FP 180° = Width of opening - 130

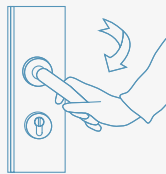
FP 90° = Width of opening - 290

FP = Height of opening - 65

SECURITY LOCKS

NB : one-point locks are suitable up to a leaf height of 2450

Mechanical systems



Security (1 and 3 points)

Anti-panic  (3 points)

Self-Security (1 and 3 points)

Manual
locking

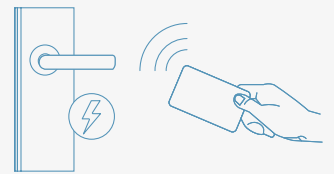
Automatic
locking



Fail secure : fonctionnement par alimentation de courant.

Fail safe : fonctionnement par rupture de courant.

Electrical systems with automatic locking



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.

BB-LOCKS serie A1 SA / SX / SE

Only suitable for hinge-side attack.

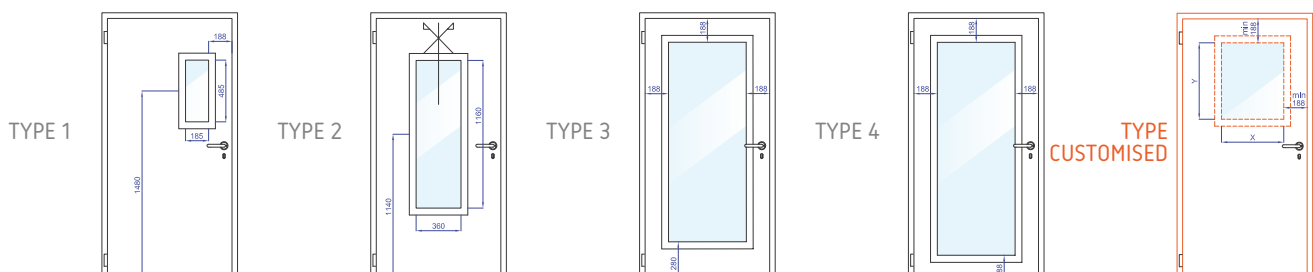
Controlled entry: Fail safe (SA) or Fail secure (SX et SE). Controlled exit: Fail safe (SA) or Fail secure (SX and SE). With an Adjustable Striker Plate.

Solenoid
locks

Motorised
locks

WINDOW CONFIGURATIONS

Solid or glazed. Combining anti-panic with glazing upon request. VStandard sizes or customised windows.



DETAILS OF MAIN COMBINATIONS



Fire resistance

Tests carried out by the fire resistance testing laboratory at the University of Liège.
EI1 30 - EI2 60



Anti-panic

Pushbar or handle.
Cannot be combined with glazing.



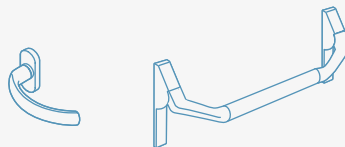
Smoke tightness

Sa, Sm (S200).
Doorbottom seal: contact us.

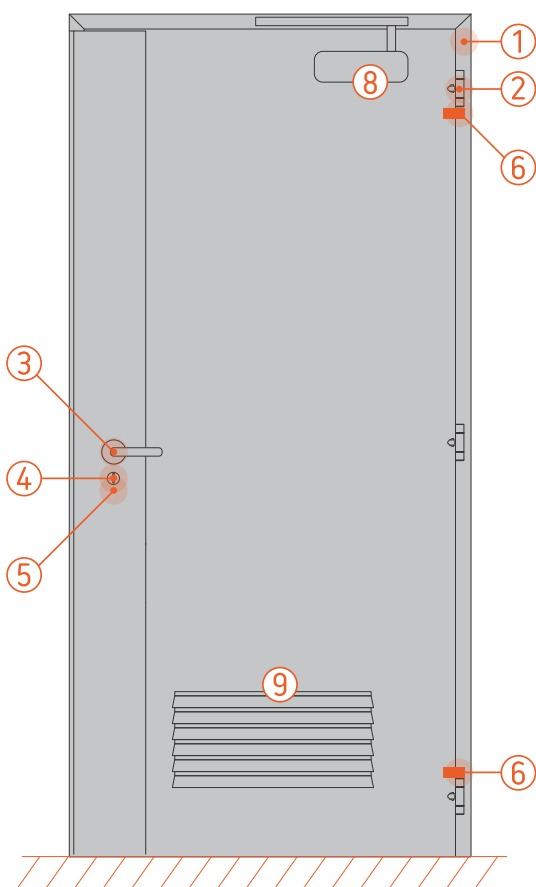


Thermal insulation

Up to 1.5 W/m²K possible, with thermal break



FITTINGS



BASIC FITTINGS

- 1 | **Door frame and leaf finish**
Magnelis® 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**
EN 1627 compliant (class 6.2 in accordance with EN 1303).
- 5 | **Backplate**
Protection rotor.
- 6 | **Security stud system**
Burglary resistance hinge side: two security studs.
Burglary resistance non-hinge side: not necessary.
- 7 | **Lock**
Security 1 point.

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.
- 3 | **Handles**
Handles, doorknobs, pull handles etc. in aluminium or stainless steel.
- 8 | **Door closer**
With scissor arm or sliding arm, fitted on the hinge or non-hinge side, invisibly integrated, with or without closure selectors, open position maintained etc.
- 9 | **Ventilation**
RC4 compliant ventilation grilles without combination of performance features.
Maximum width = leaf - 2 x 105, customised height.
- 10 | **Security locks**
See locks.
- 11 | **Remote surveillance**
Indication of leaf position, locking latch position, indication of leaf status.
- 12 | **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 | RC4 | SINGLE & DOUBLE HINGED DOOR | 2024-03-14_FTHe 0122 - V10EN

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