



TUNNEL | HCM 120/EI2-240 | SINGLE HINGED DOOR

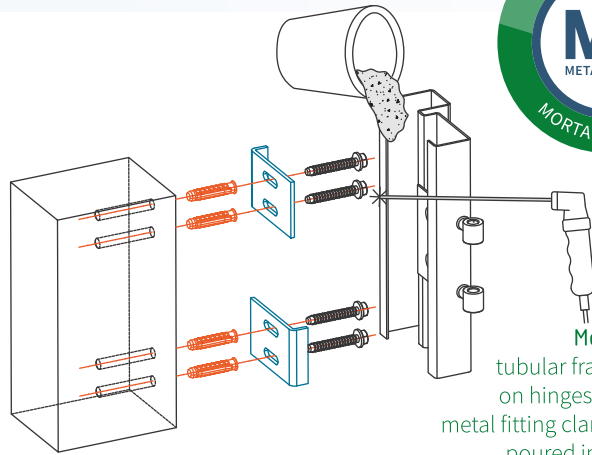
FTHE 0011 | Fire resistance HCM 120/CN 240 (N3)
fire resistant at the non-hinge side

Fire resistance

Tests carried out by Efectis. *Efectis*

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

Basic performance features of the door HCM120/EI2 240



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



Fire resistance (EN 1634-1)
HCM 120 / EI2 240

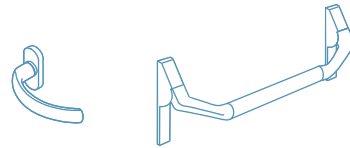


Airtightness
Niveau L1

Possible combinations

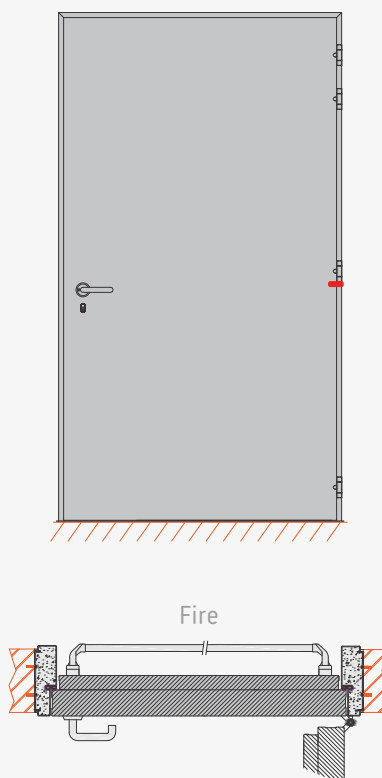


Anti-panic
Pushbar or handle.



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

CROSS-SECTION HCM 120 / EI2 240 SINGLE DOOR (DRHE 0011)



DOOR DIMENSIONS *(always customised)*

Single door

Maximum dimensions	Width	Height
Leaf	1450	2652
Opening	1560	2730

Dimensions minimales	Width	Height
Leaf	580	1592
Opening	690	1670

Calculation of clear passage (excluding combinations):

FP 180° = Width of opening - 140

FP 90° = Width of opening - 270

FP = Height of opening - 90

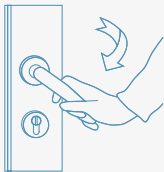
Construction support with a minimum thickness of 200 mm and a minimum density of 2200 kg / m³.

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

*Provided authorisation is given to apply the size extension rules contained in standards EN 1634-1, annex B, and EN 15269-2
Maximum surface: 3,2m².

SECURITY LOCKS

Mechanical systems

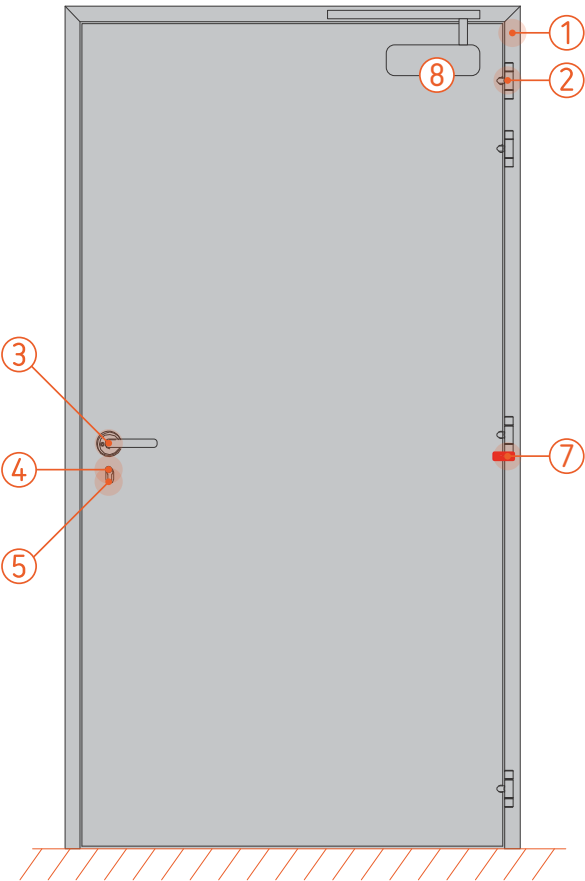


ABLOY EL160 , EL360

ABLOY EL160, single-point lock.
Mechanical lock with automatic locking.

Automatic locking

FITTINGS



BASIC FITTINGS

- 1 | **Door frame and leaf finish**
Magnetis® 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 TS4000 CP or 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

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

Heinen product sheet | TUNNEL | HCM 120/EI2-240 | SINGLE HINGED DOOR | 2024-02-27_FTHe 0011 - V12EN

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