

Show- case

Heinen metal doors and frames



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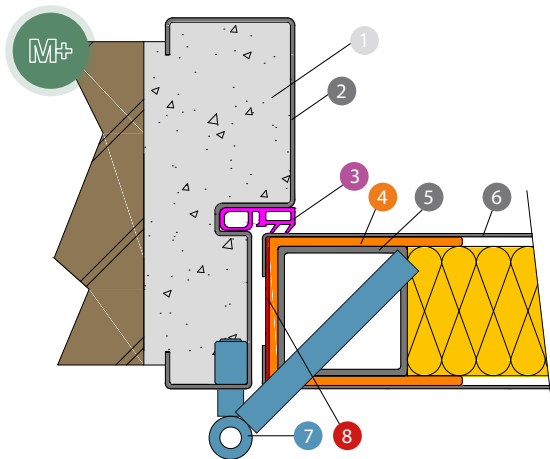
More than 35 years of use 121

Beware! Not Heinen doors..... 122

1 | Metal+ inside



Components of the metal+ door



Metal+ doors have the following basic performance features



Frequency of use:

1,000,000 open/close cycles (maximum level)



Mechanical resistance:

M+7 (maximum level)



Service life:

15-year warranty on the door set



Burglary resistance:

RC2 (subject to conditions)



Acoustic performance:

Basic soundproofing $R_w = 30$ dB



Air tightness:

Level L1



Thermal insulation:

T4: average $U \approx 1.9$ W/m²K
(with automatic door bottom seal)



Combining bespoke performance features

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.

Fire resistance

EI1 : 30 – 60 – 120 – 180
EI2 : 30 – 60 – 120 – 180 – 240
E(W) : 30 – 60 – 120 – 180 – 240 (+ 300 for single doors)
HCM120 EI2 240 (N3)

Blast-proof

(on demand)

Thermal insulation

EN 10077-1 & EN 10077-2
T3, T4, T5

Burglary resistance

EN 1627-1630
RC2, RC3, RC4, RC5
AE20
NF P20-551 & NF P20-311
Niv.5 cat.B / Niv.5 cat.B+

Electromagnetic shielding

(on demand)

Airtightness

EN 1026 & EN 12207
L1, L2, L3, L4

Acoustic performance

EN 717-1 : R_w (C ; Ctr) dB (A)
36 (-1 ; -2) à 55 (-2 ; -7)

Anti-panic

EN 179 & EN 1125
(emergency exit devices)

Watertightness

EN 1027 & EN 12208
E0 à E9 + E750

Bullet-proof

EN 1522-1523
FB4, FB5, FB6, FB7
AK47

Smoke tightness

EN 1634-3
Sa, Sm (200 °C)

Wind resistance

EN 12211 & EN 12210
VC3

2 | **Product range**

Hung doors

(INDOOR OR OUTDOOR)



Double doors

WITHOUT PRIORITY



Swing doors



Surface - mounted door



Double door one leaf turning in and the other out



Frames and Glazed units



Réseau Express Régional

XXL doors





With fire certificate

> 4 x 4 m



Sliding security doors





Hatches



3.1 | Culture, sports & education

MEETING & EVENTS HALLS
ARTS & CULTURAL CENTRES
CONFERENCE CENTRES
CONCERT HALLS
YOUTH CLUBS
SPORTS CENTRES
FOOTBALL STADIUMS
SWIMMING POOLS
SCHOOLS & UNIVERSITIES
MUSEUMS



Party Hall Zottegem



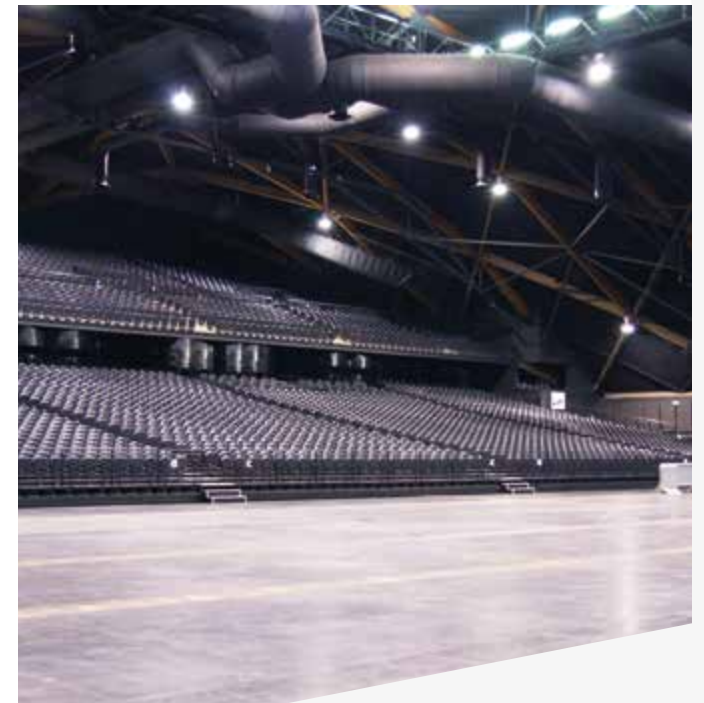


Palais 12



Acoustic performance

Emergency exits





Nekkerhal



De Singel Antwerp





Ancienne Belgique





Bronks Theater Brussels , Academie Gent



Spikerelle Avelgem





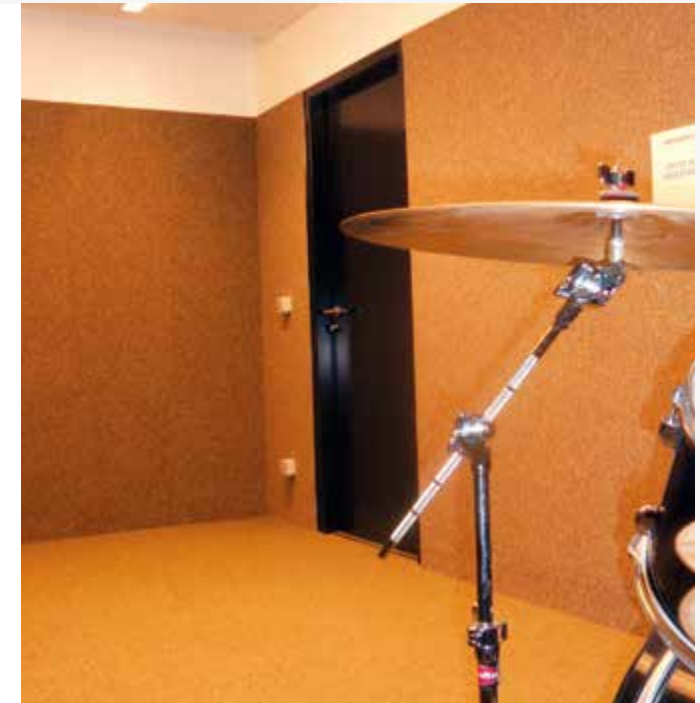
Cultural Center De Panne

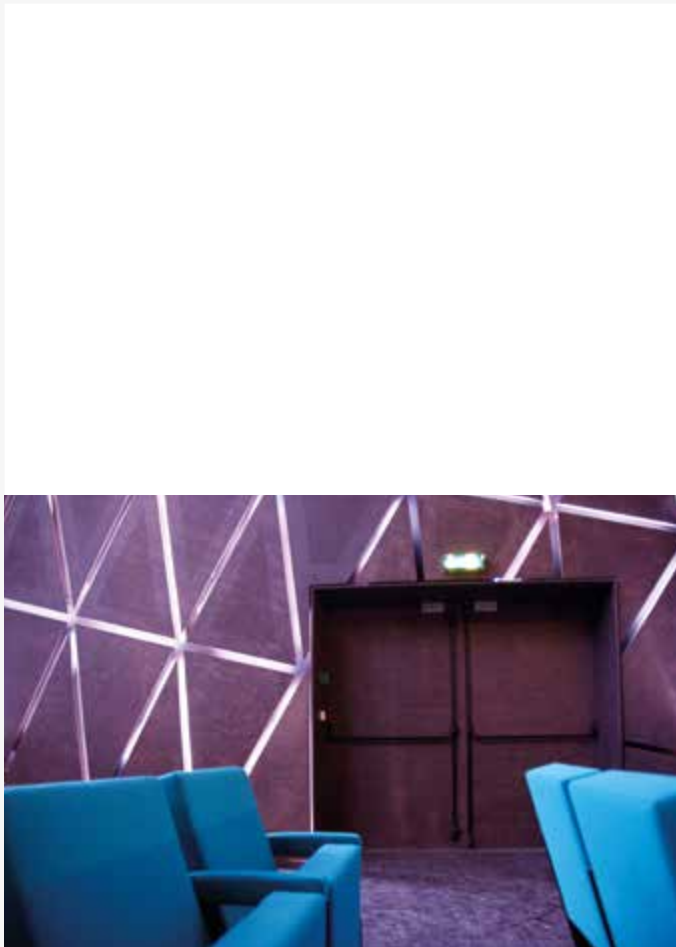


Up to Rw 55 dB



Het Depot Leuven





Kursaal Oostende





High school



Acoustic Fire doors



Royal Music Academy Brussels





Party Hall Zottegem



Art Academy Ghent



Acoustic Fire doors



Ghent University

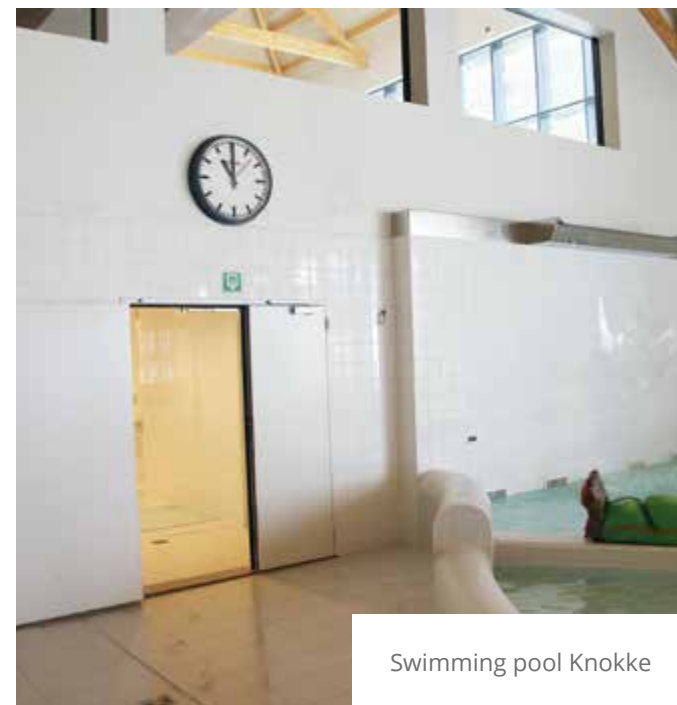


Vlaamse Televisiemaatschappij Leuven



Stainless steel

316



Swimming pool Knokke



Youth Center Temse



Youth Center Izegem



Sport Center Wingene & Fléron





Sports Center Izegem

3.2 | Stores

SHOPPING MALLS
RETAIL UNITS
MULTIMEDIA STORES
FOOD & NON-FOOD
FURNITURE STORES





Docks Bruxsel, Médiacité Liège, K in Kortrijk



Burglary-resistant
Acoustic
Emergency exits

















Frequency of use:
f8 1.000.000 cycles



Fire doors



Distribution centers





3.3 | Car-parks



Parking Centrum Blankenberge





Parking Centrum Blankenberge, Parking Brussels Airport, Parking Brederode Brussels



Frequency of use:
f8 1.000.000 cycles



Fire doors
stainless steel 304



Parking Casino Oostende





Parking Marbeuf Champs-Elysées Paris



EI1 60 Fire resistant
User friendly door
without lock



Parking Zilverpand Brugge



Swing Fire door



IJzerparking Knokke



Parking De Munt Roeselare, Parking De Brouckère Brussels



Parking Roegiers Brussels, Parking Big Market Brussels



User friendly Double Fire door without priority leaf and without lock

Brussels Airport, Parking 't Zand Brugge



Parking Industrie Brussels



Parking Turnova Turnhout



M+7 Highest Class Mechanical Resistance



Parking Gent Zuid

3.4 | Transport

RAILWAY STATIONS
AIRPORTS
HARBORS
SUBWAYS
TUNNELS
HIGHWAY SERVICE AREAS
SIGNAL BOXES FOR RAILWAYS
AND WATERWAYS





Train Station Guillemins Liège



Tunnel Leopold II

HCM120 / EI2 240

EI2 240

EI1 180

EW 300



Tunnels and Technical rooms A11





Tunnel Leopold II Brussels, Tunnel Wevelgem E403

3.5 | Social

CARE HOMES
HOSPITALS
PSYCHIATRIC HOSPITALS
SOCIAL HOUSING
ORPHANAGES





Care home Maldegem



Psychiatric hospital, Hospital Bruges, Social apartment Leiekaai Gent



UPC Zorg KU Leuven, Social apartment



3.6 | Residential

APARTMENTS
HOTELS
PRIVATE HOUSES
OFFICES
PUBLIC BUILDINGS

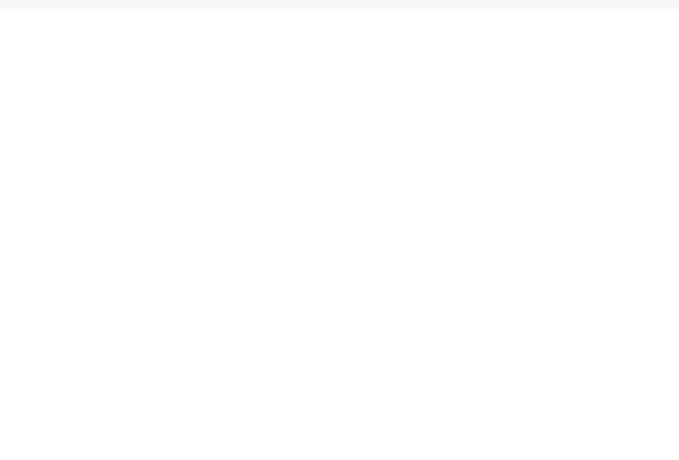


Residential and Public Buildings





European Council



Sibelga offices Brussels





Hotel Vini Divini Brussels, Hotel La Forge Malmedy



Apartment Knokke



3.7 | High security

COURTHOUSES
EMBASSIES
POLICE STATIONS
DEFENCE AND MILITARY
PRISONS
IMMIGRATION DETENTION
CENTRES
JUVENILE DETENTION CENTRE
DATA CENTRES
MUSEUMS
FINANCIAL INSTITUTIONS
CASH-IN-TRANSIT



Ambassade et Consulats
du Royaume de Belgique





Datacenter Proximus, Datacenter University Ghent



Datacenter Zaventem, Nato, Courthouse Antwerp





Up to RC5



Defense Air Force

Cell doors



Local police stations celldoors





Local police stations celldoors



Center for illegal immigrants Bruges, Jail Wortel, Mol, Merksplas



Heinen bullet-proof in a Bunkerkit up to FB6



3.8 | Energy

GREEN ENERGY
BIOMASS POWER PLANTS
NUCLEAR POWER PLANTS
GAS POWER PLANTS
SUBSTATIONS GAS
DISTRIBUTION
SUBSTATIONS ELECTRICITY
DISTRIBUTION





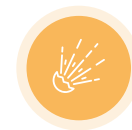


Burglary-resistant Emergency exits





Fire doors up to 4 hours!



Blast-proof

Gassco, Electrawinds, Oostende



High Voltage rooms





3.9 | Industry

HEAVY INDUSTRY

- PAPER
- PETROCHEMICAL
- STEEL
- CEMENT
- WASTE INDUSTRY

INDUSTRY WITH HIGH VALUE:

- PHARMACEUTICAL
- FOOD
- CARS
- TEXTILE
- CHEMICALS
- ELECTRONICS



Finishing doors:
Skinplate white,
Stainless steel 304 - 316







Colruyt Vlevico



Brewery Vanhonsebrouck



Firedoors EI 60
Stainless Steel 316



Kitchen ING Bank, Jademo meat industry



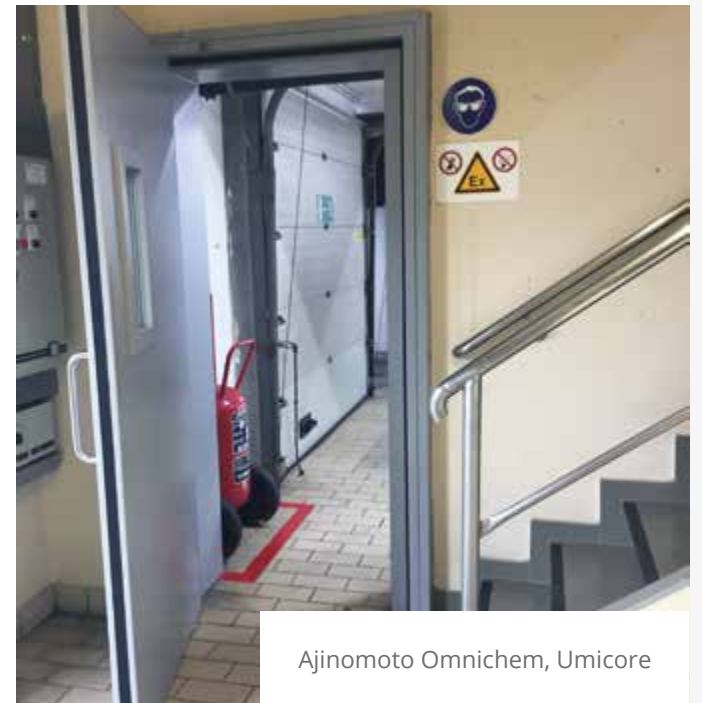
Food industry





Audi, Case New Holland





Ajinomoto Omnicem, Umicore

4 | Accessories



Tresholds

ACOUSTIC SOLUTIONS

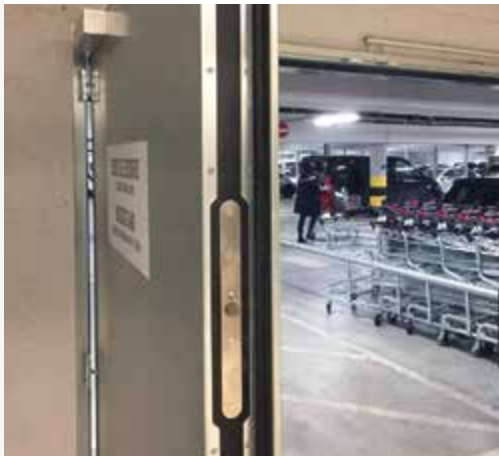


Handles





Anti-panic



Door-closer



Access control







Ventilation (also in external Fire doors)



Electrical grounding



Permanent open doors



Backplate



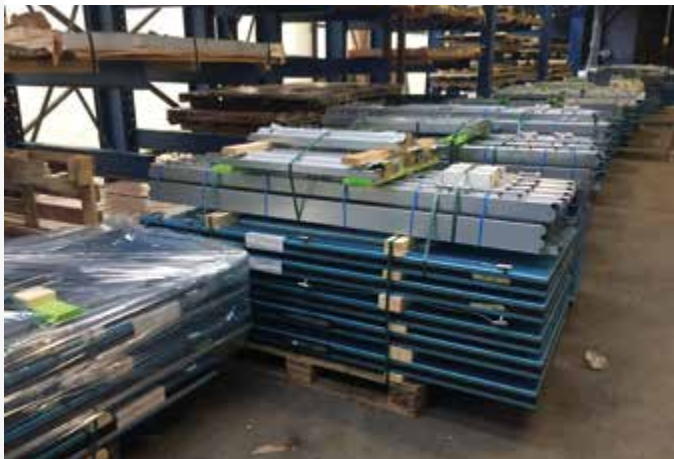
External doors options



Varia

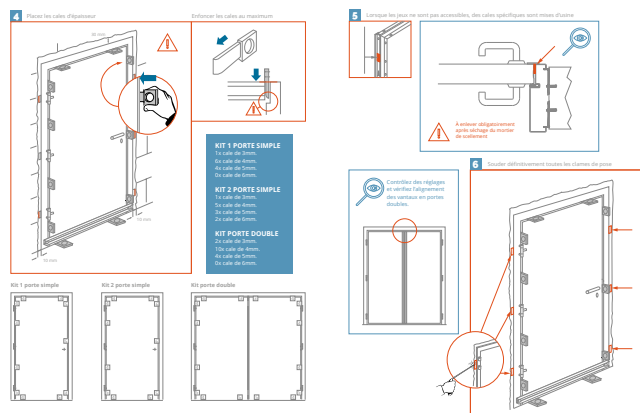








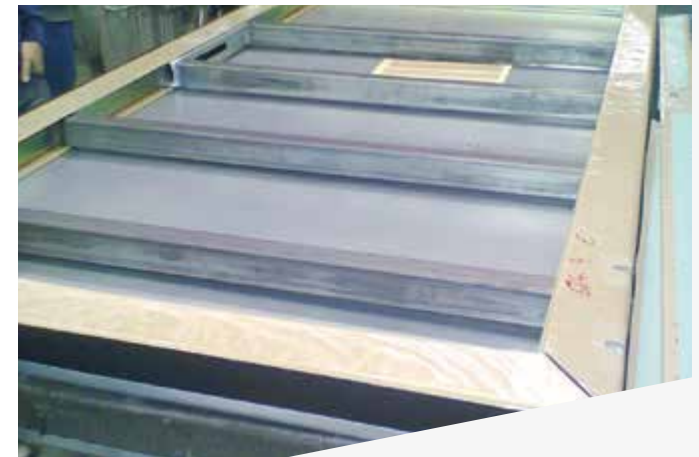
5 | Installation





6 | Heinen experience

Heinen doors are always made to measure and repairable in case of damages

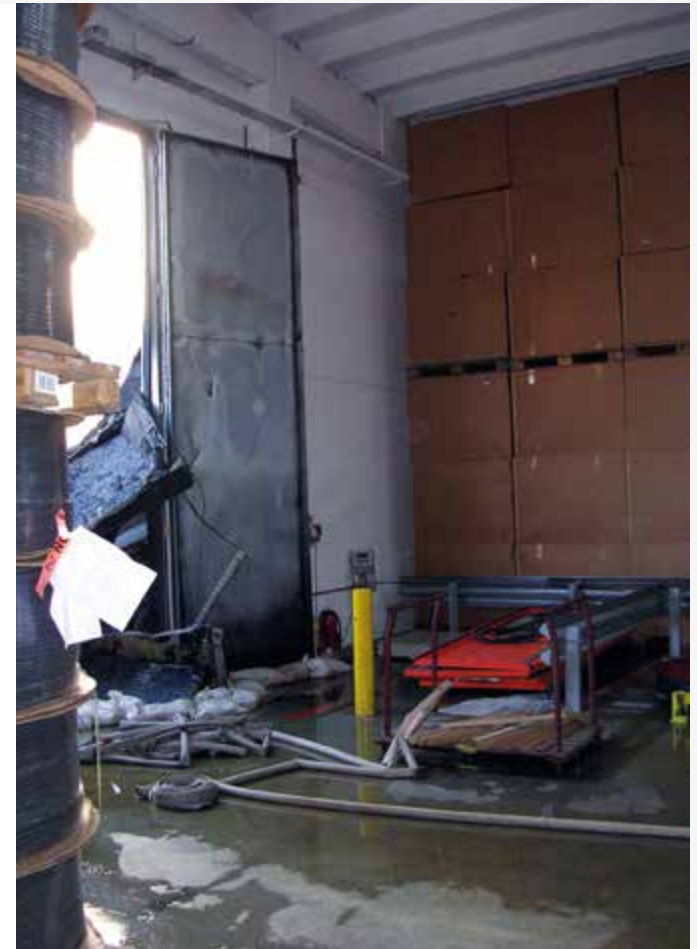


Simulated fire test





Real fire feedback





Burglary feedback



More than 25 to 35 years of use





Beware! Not Heinen doors!

SEALING AGAINST COLD SMOKE? PROTECTION INTUMESCENT MATERIALS?
RESISTANCE? WARRANTY? SAFETY?



Not Heinen doors!





SERVICE AND TECHNOLOGY FOR YOUR SECURITY

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