



COMPLAN

COMPLAN SERIES







MODELS

COMPLAN 1

single hinged leaf

COMPLAN 2

double hinged leaf



MODELS

COMPLAN 1 COMPLAN 2

description

More than fire safety, more than acoustic performance, more than durability, COMPLAN offers design and freedom to explore.

COMPLAN is a fire-resistant hinged metal door, available in single- or double-leaf configurations, with a coplanar leaf and frame on both sides, ensuring perfect alignment with the walls where it is installed.

The frame is made of 2 mm thick folded electro-zinc coated steel profiles, welded to each other.

The leaf, with a door stop edge on all three sides of the frame, is made of two 1.25 mm thick electro-zinc coated steel panels and incorporates thermal insulating materials and intumescent joints, according to the TRIA constructive system, ensuring the required tightness against smoke, flames and hot gases, as well as the thermal insulation performance required by applicable legislation and the most demanding European standards and regulatory references.

With fire resistance classifications of EI30, E30, EI60 and E60, COMPLAN also offers optional acoustic performance of 46/47 dB in the single-leaf model, COMPLAN 1, and 44/42 dB in the double-leaf model, COMPLAN 2.

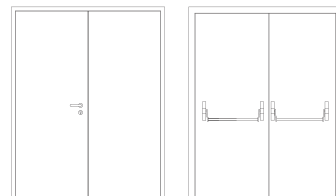
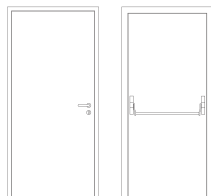
The movement of the leaf is ensured by a concealed pivotant 90-135-3D hinge system, hidden inside the frame and providing three-axis adjustment.

The coplanar leaf and frame allow perfect alignment with the walls where the door is installed, whether they are simply painted or finished with different materials, harmonising with the other finishes that make up each space and environment.

The concealed door closer and hinges further enhance the exceptional elegance of this door, complementing the environments in which it is integrated and making COMPLAN the ideal solution for prestigious interiors and the most refined and demanding design applications.

COMPLAN 1 | COMPLAN 2 allows finishes with a thickness of up to 15 mm on both faces, with a total weight of up to 80 kg per leaf for occasional use, or up to 35 kg per leaf for intensive/moderate use (reference values).

specification



model | typology

COMPLAN 1 | single hinged leaf

COMPLAN 2 | double hinged leaf

classification achieved when tested

Fire Resistance Classification

Standard: Test - EN 1634-1 / Classification - EN 13501-2

E 30 / E 60

EI₂ 30 / EI₂ 60

E 30 / E 60

EI₂ 30 / EI₂ 60

Can be combined with other performance properties:

Acoustic Performance

Standard: Test - ISO 717-1 / Classification - EN ISO 10140-2

46 dB / 47 dB

42 dB / 44 dB

dimensions (mm)

W x H (standard) ⁽¹⁾

800 / 900 x 2000 / 2100

1400 / 1600 / 1800 x 2000 / 2100

W maximum

917 (EI 60) / 1055 (EI 30)

1795 (EI 60) / 2064 (EI 30)

H maximum

2673 (EI 60) / 3074 (EI30)

2300 (EI 60) / 2645 (EI 30)

Maximum area ⁽²⁾

2.94 m² (EI30) / 2.45 m² (EI60)

4.95 m² (EI30) / 4.12 m² (EI60)

external frame (standard)

W + 184 x H + 92

W + 184 x H + 92

other dimensions

upon request

upon request

⁽¹⁾ W x H = width x height = free passage

⁽²⁾ Width and height shall be considered in conjunction with the indicated maximum area

construction

leaf thickness (mm)

69

69

leaf weight (kg/m²)

38

38

hinges (per leaf)

3

3

standard vision panel (mm)

Ø 300 / 300 x 400 ⁽³⁾

Ø 300 / 300 x 400 ⁽³⁾

finishing (standard)

Electro-zinc coated steel for painting / powder coating in a RAL colour to be specified

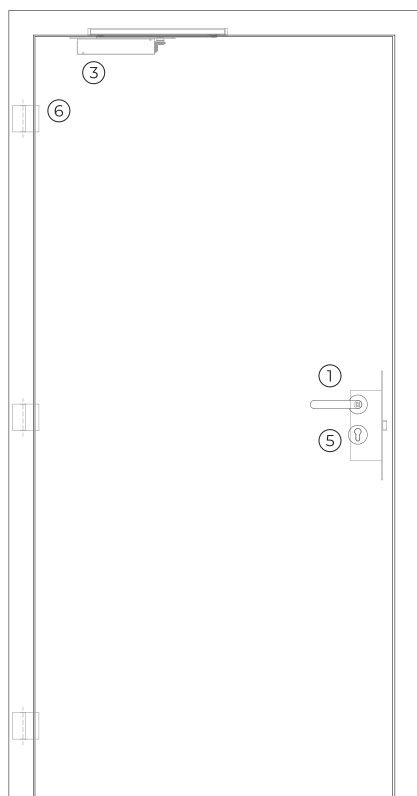
Electro-zinc coated steel for painting / powder coating in a RAL colour to be specified

finishing (optional)

Wood veneer or HPL finishes up to 0.8 mm thick

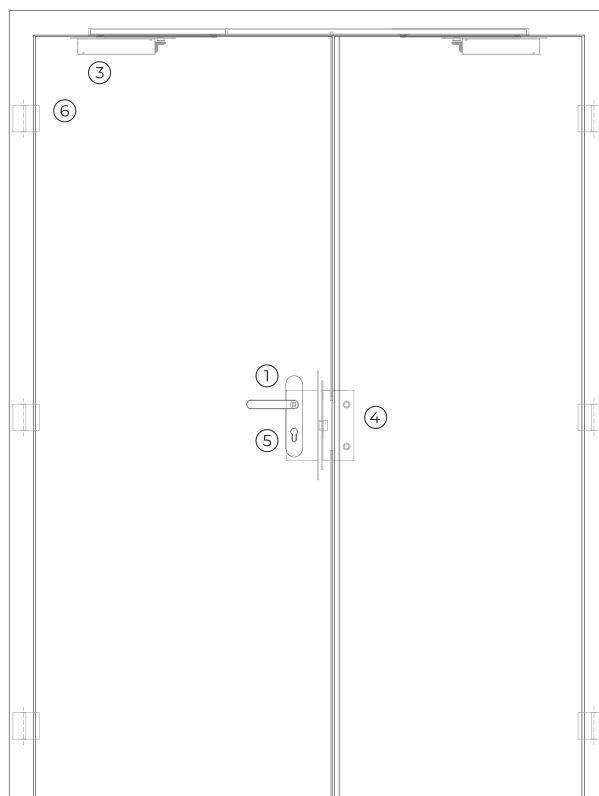
Wood veneer or HPL finishes up to 0.8 mm thick

⁽³⁾ not applied when required acoustic requirement



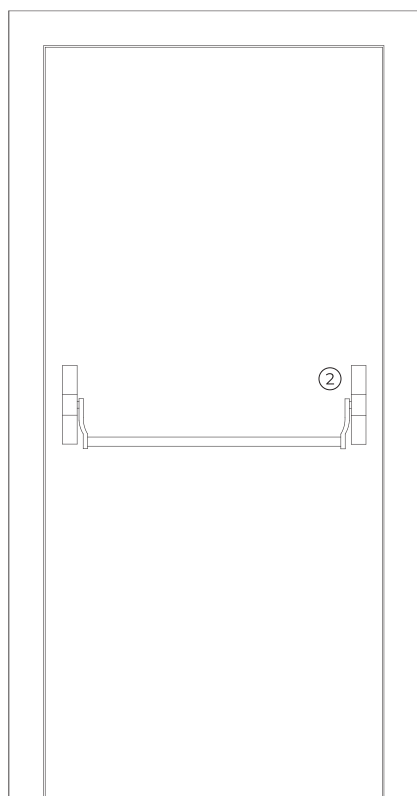
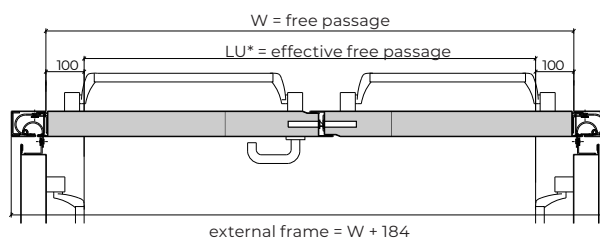
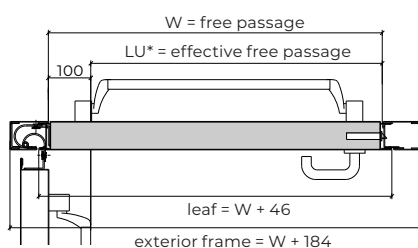
exterior view

COMPLAN 1

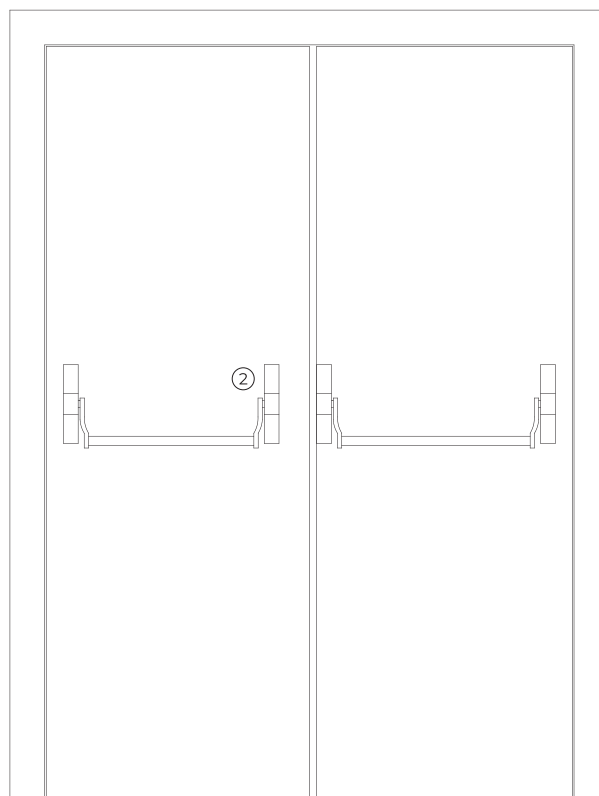


exterior view

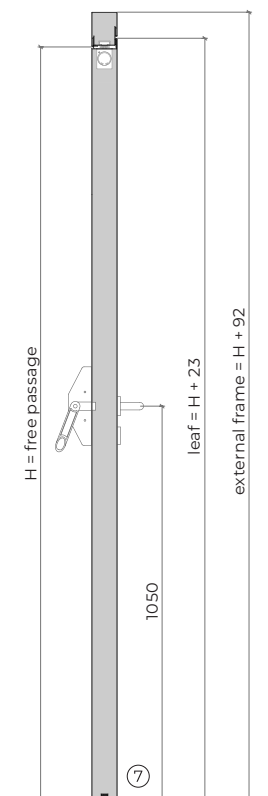
COMPLAN 2



interior view

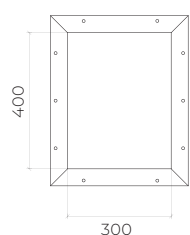


interior view

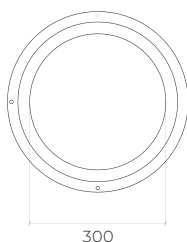


vertical section

optionals



front view



front view

accessories and hardware

COMPLAN 1

COMPLAN 2

handle / anti-panic bar ⁽⁴⁾

- | | | |
|---|----------|--|
| 1 | standard | Anti-panic lever handle, black or stainless steel. |
| 2 | standard | Panic exit bar with support housing and operating bar
(black-black / black-red / black-green / silver-silver / stainless steel-stainless steel)
⁽⁴⁾ alternatively, the door may be equipped with a pair of handles. |

hydraulic door closer

- | | | | |
|---|----------|---|--|
| 3 | standard | Concealed overhead door closer with single slide arm. | Concealed overhead door closer with double slide arm and integrated closing sequence selector. |
|---|----------|---|--|

lock / counter lock

- | | | | |
|---|----------|---------------------------------------|---|
| 4 | standard | 1-point locking anti-panic lock case. | 1-point locking anti-panic lock case + auxiliary lock case. |
|---|----------|---------------------------------------|---|

cylinder

- | | | |
|---|----------|--|
| 5 | standard | European profile cylinder
1/2 European profile cylinder (for use with anti-panic accessories) |
|---|----------|--|

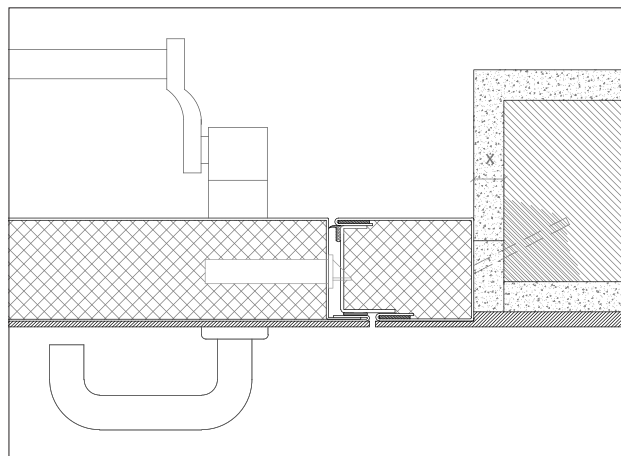
hinges

- | | | |
|---|----------|--|
| 6 | standard | Up to 4 concealed 90-135-3 hinges, integrated into the system (per leaf) |
|---|----------|--|

others

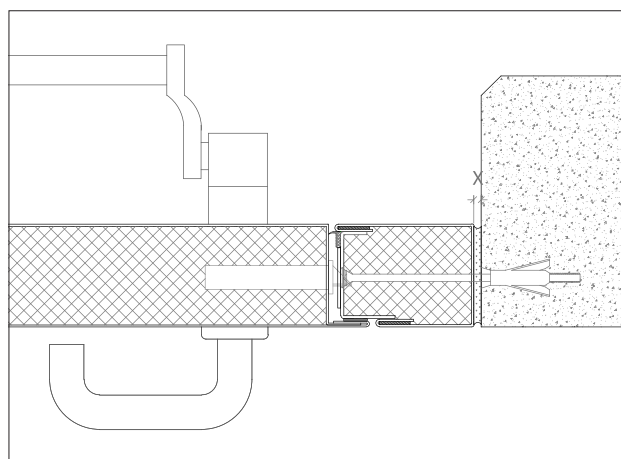
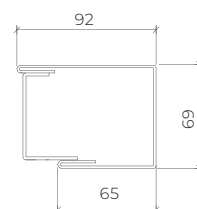
- | | |
|-----------|--|
| optionals | Automatic drop seal, applicable when acoustic performance is required. |
| optionals | Standard vision panel.
Access control available upon request. |

details



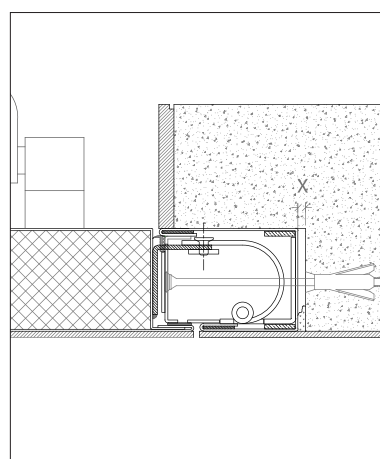
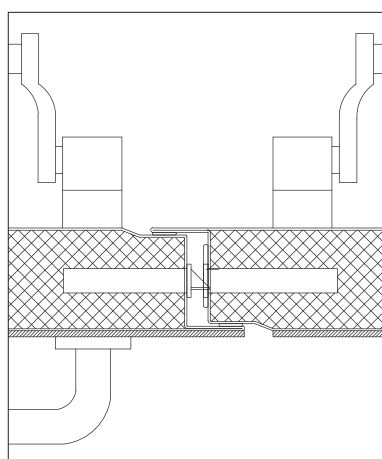
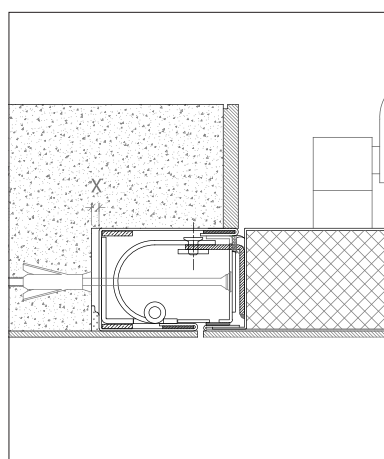
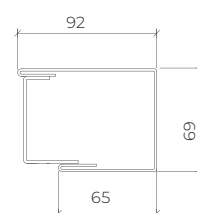
$X > 20$ mm (steel rod fixation)

standard frame | masonry wall mounting | steel rod fixation | plaster and wood finishes



$X \geq 5 - 10$ mm (for fixing with metal wall plugs according to wall type)

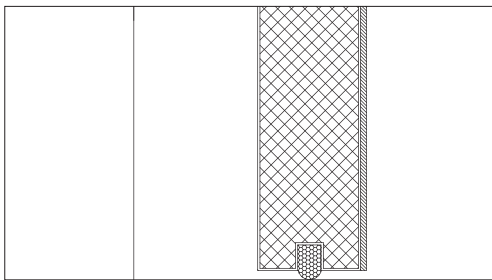
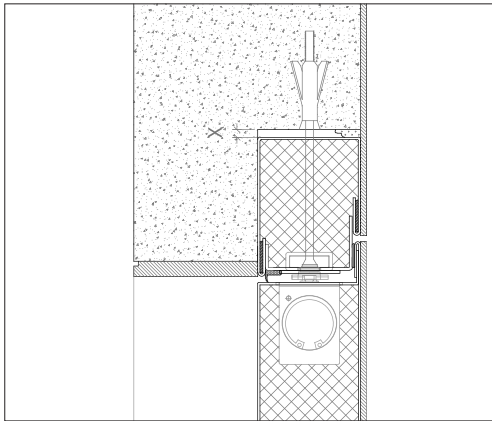
standard frame | concrete wall mounting | metal wall plugs fixation | plaster and wood finishes



$X \geq 5 - 10$ mm (for fixing with metal wall plugs according to wall type)

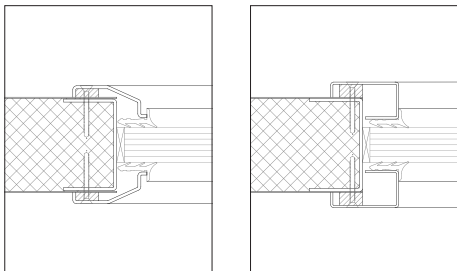
standard frame | concrete wall mounting | metal wall plugs fixation | plaster and wood finishes

note: there are certain elements – namely intumescent and acoustic seals and / or leaf and frame fillings – shown in details, that can be suppressed depending on the technical requirements of the door.



standard frame | concrete wall mounting | metal wall plugs
fixation | plaster and wood finishes | hidden door closer

types of vision panels



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VERS.**10.26**