structo

WALL
SYSTEMS

FITS PERFECTLY WITH

WALL PANELS

DOOR– STX

Maximum total height:	3100 mm
Maximum dimensions of the door frame (width x height):	1090 x 2390 mm
Standard door frame depths:	95 mm 123 mm

DOOR- STX | TECHNICAL DESCRIPTION

DOOR-STX is a wooden door where door panel is in the same plane as door moldings when viewed from the outside. Fits perfectly with wall panels.

The door can be ordered opening both in and outwards, and in both cases, the door panel is in the same plane as door moldings when viewed from the outside.

Standard single-panel door frame widths are: M7 (690mm), M8 (790mm), M9 (890mm), M10 (990mm).

The standard door frame height is M21 (2090mm). It is also possible to order paired doors, doors with glass openings and doors of special size.

The standard door frame depths are 95mm and 123mm.

The standard door types are:

- SU-010X only outwards opening door (thickness of the door panel is 45mm).

- SU-050X inwards or outwards opening door (thickness of the door panel is 54,5mm).

- SU-060X inwards or outwards opening door (thickness of the door panel is 66,5mm).

Outside MDF 10mm door moldings are glued to the frame with splines.
Standard dimensions for outside moldings are:

- 10x70mm (vertical) and 10x85mm (horizontal) in case of inwards opening door.

- 10x60mm (both vertical and horizontal) in case of outwards opening door.

It's possible to order outer moldings up to 1200mm wide. Inner moldings are not included and have to be ordered separately.

We are using following veneers:

- quarter sliced veneer (radial cut) or

- flat cut or plain sliced veneer (tangential cut).

Those veneer strips are then joined together to make spliced veneer faces (wide veneer sheets). Our standard method is book match. It's possible to choose from over 40 different veneer species from Europe, Africa and America.

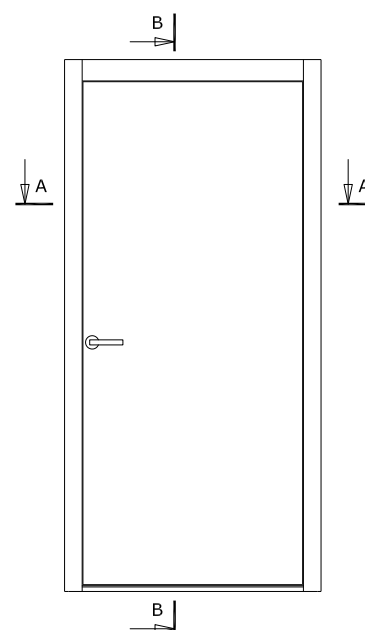Thresholds are made of oak. It is also possible to order an automatically descending seal.

Possible coatings for door panels and panels are:

- painted according to RAL, NCS or Tikkurila colour catalogues.

- covered with natural or technical veneer, which may be stained and varnished, varnished with tinted varnish or painted.

The standard lock case is ASSA 565-50 and the counterpart ASSA 2864. It is also possible to order other lock cases and counterparts.
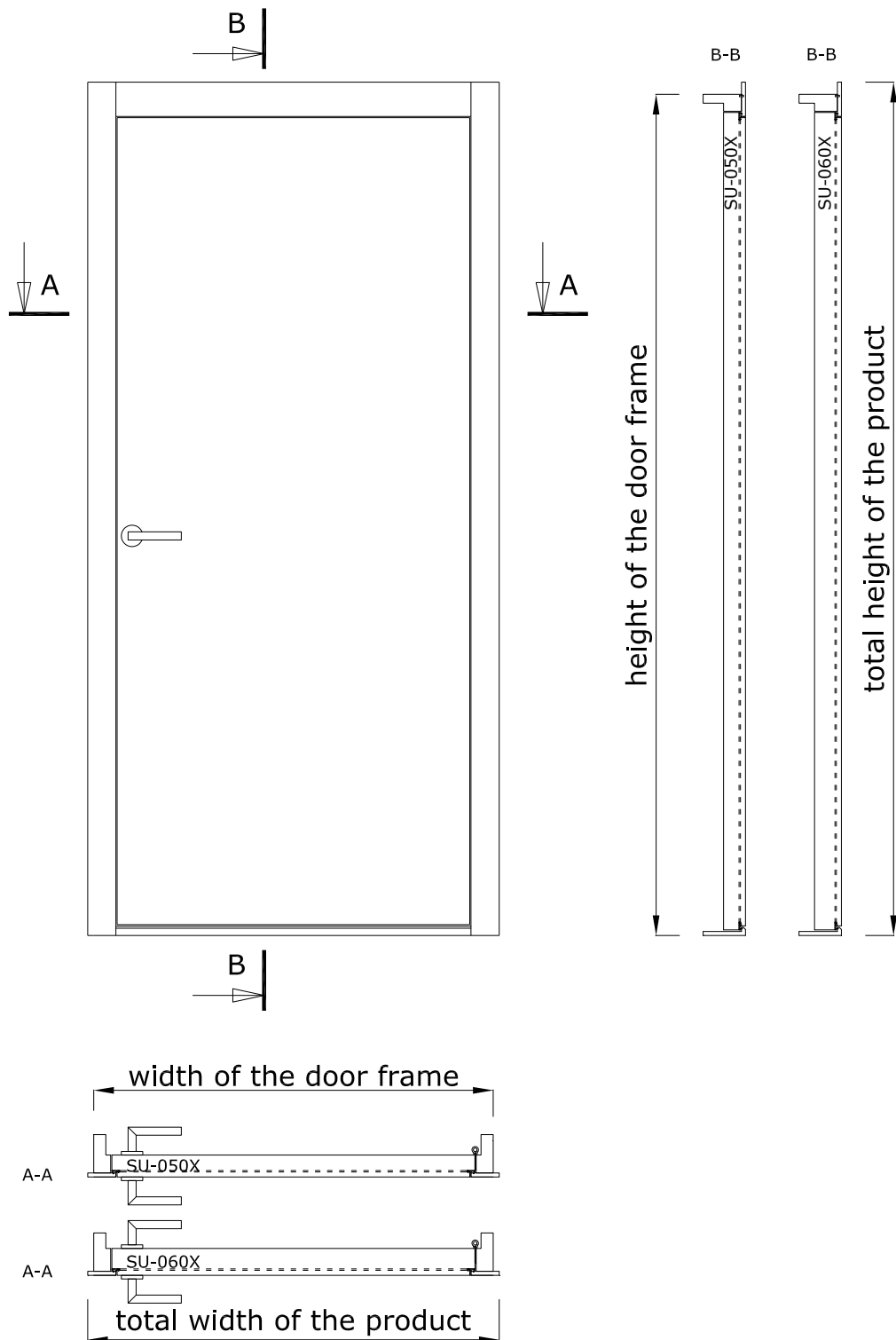
The standard solution uses Abloy 3248 hinges. Other hinges can also be used (incl. hidden hinges).

Structures adjacent to the product must be strong enough to allow profiles to be attached to them.

Maximum total height:	3100 mm
Maximum dimensions of the door frame (width x height):	1090 x 2390 mm
Minimum solid door panel width:	250 mm
Minimum door panel width with a glass opening:	560 mm

DOOR- STX | WITH INWARDS OPENING DOOR

B

A

A

B

B-B

B-B

SU-050X

SU-060X

height of the door frame

total height of the product

width of the door frame

A-A   SU-050X

A-A   SU-060X

total width of the product

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A SPATIAL WAY OF THINKING — QUALITY DESIGN FROM ESTONIA

CONNECTION WITH CEILING (95MM DOOR FRAME)

B-B

92
66

beam 45x45

possible to integrate DOOR-STX with wall panels

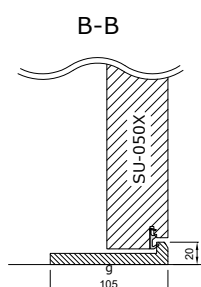95
85

outer molding 10x85mm

54.5

SU-050X
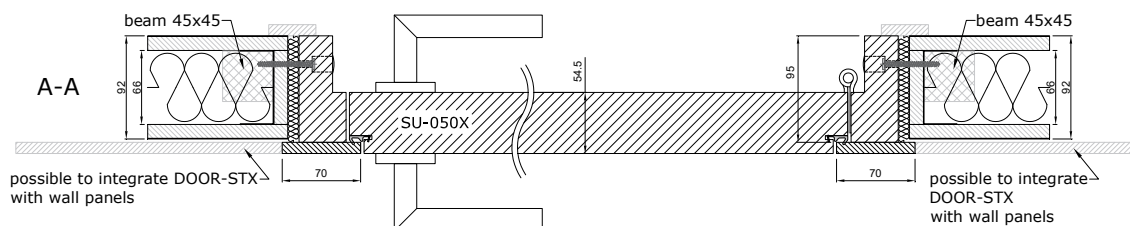
105

g - glued connection
⌐ - QL3096, RAL9005 black, RAL9003 white, RAL7001 silver gray, RAL8017 bronze
⌐ - QL3094, RAL9005 black, RAL9003 white, RAL7001 silver gray, RAL8017 bronze
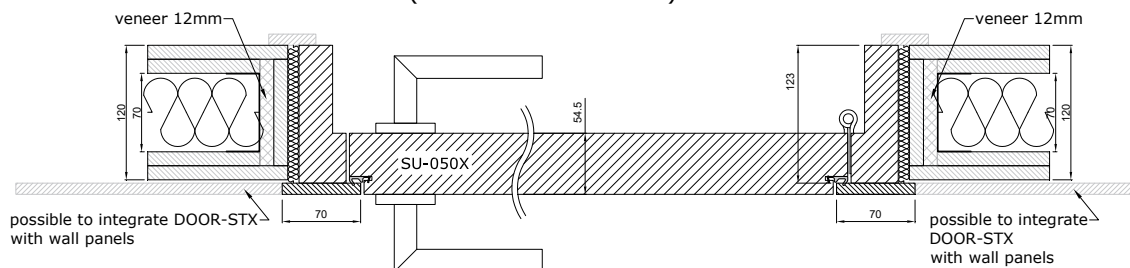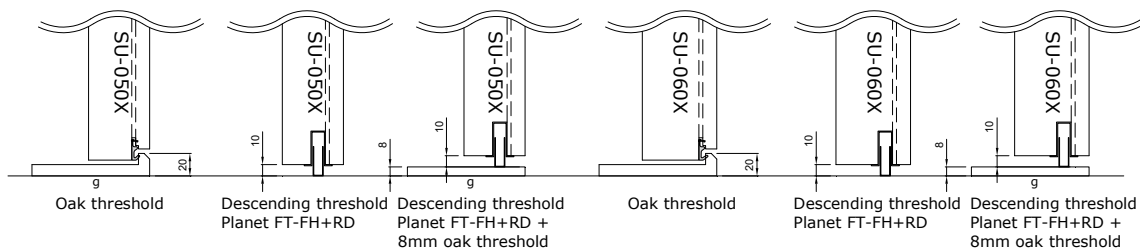
CONNECTION WITH FLOOR (95MM DOOR FRAME)

B-B

SU-050X

20

g
105

CONNECTION WITH WALL (95MM DOOR FRAME)

A-A

beam 45x45

92
66

54.5

SU-050X

95

beam 45x45

66
92

possible to integrate DOOR-STX with wall panels

70

70

possible to integrate DOOR-STX with wall panels

CONNECTION WITH WALL (123MM DOOR FRAME)

veneer 12mm

120
70

54.5

SU-050X

123

veneer 12mm

70
120

possible to integrate DOOR-STX with wall panels

70

70

possible to integrate DOOR-STX with wall panels

INWARDS OPENING DOOR THRESHOLDS

SU-050X

20

g

Oak threshold

SU-050X

10

Descending threshold Planet FT-FH+RD

SU-050X

10
8

Descending threshold Planet FT-FH+RD + 8mm oak threshold

SU-090X

Oak threshold

SU-090X

20
10

Descending threshold Planet FT-FH+RD

SU-090X

10
8

Descending threshold Planet FT-FH+RD + 8mm oak threshold

DOOR- STX | WITH OUTWARDS OPENING DOOR

B

A | A

B

B-B | B-B | B-B

SU-010X | SU-050X | SU-060X

height of the door frame

total height of the product

width of the door frame

A-A SU-010X

A-A SU-050X

A-A SU-060X

total width of the product
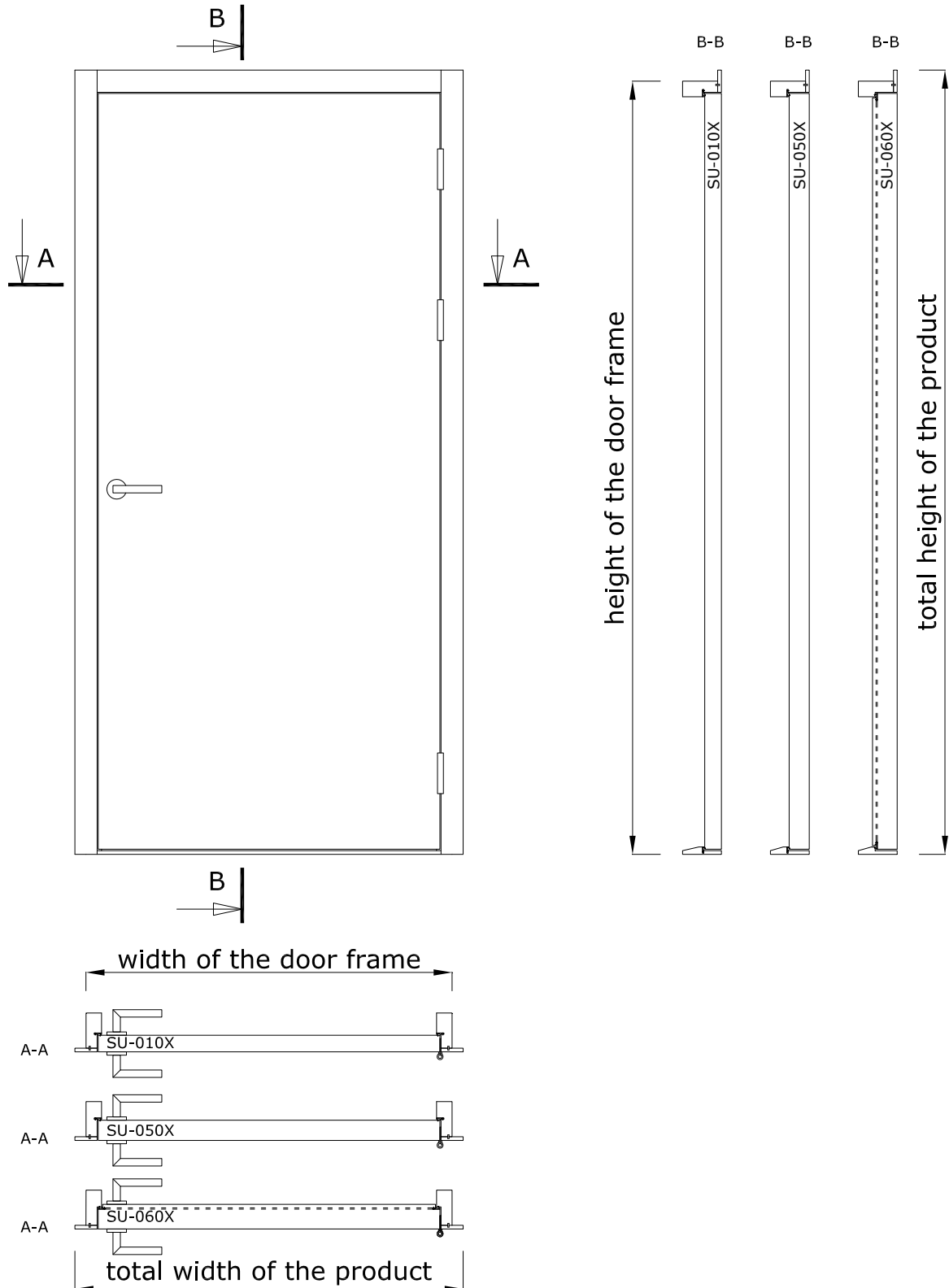
+372 666 5017

info@structo.ee

www.structo.ee

CONNECTION WITH CEILING (95MM DOOR FRAME)

B-B

beam 45x45

possible to integrate DOOR-STX with wall panels

outer molding 10x60mm
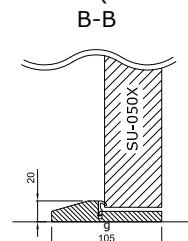
SU-050X

92
66
60
95
54.5
105

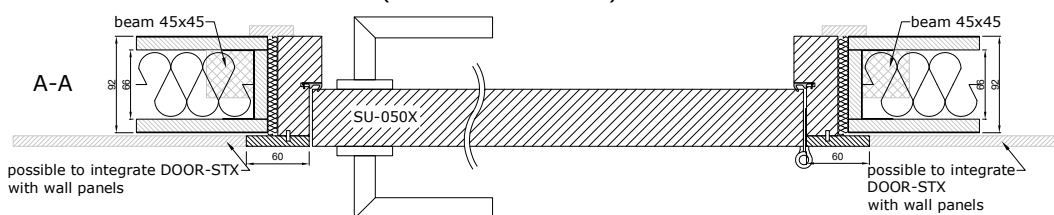g - glued connection
- QL3096, RAL9005 black, RAL9003 white, RAL7001 silver gray, RAL8017 bronze
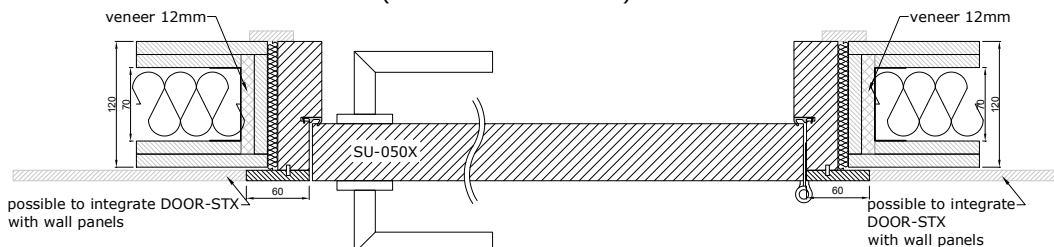- QL3094, RAL9005 black, RAL9003 white, RAL7001 silver gray, RAL8017 bronze

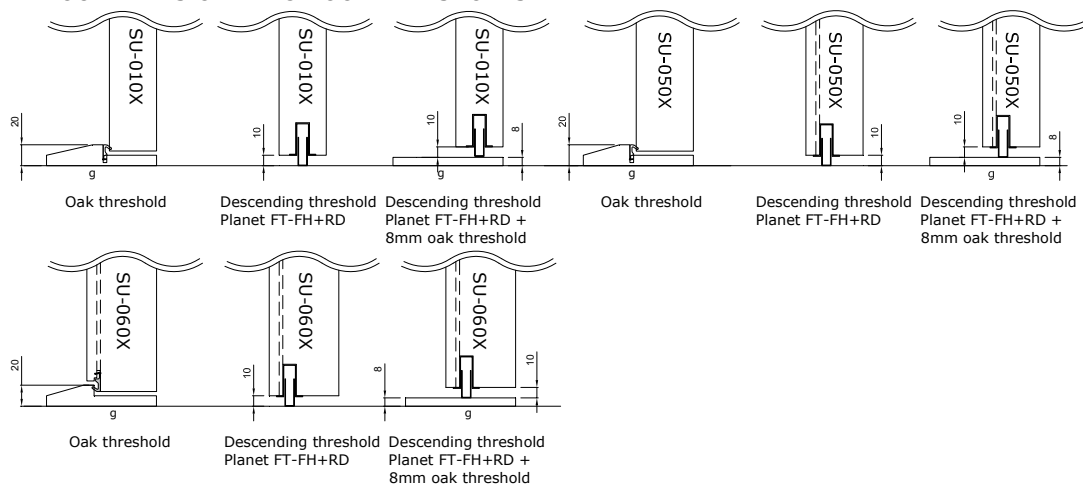## CONNECTION WITH FLOOR (95MM DOOR FRAME)

B-B

SU-050X

20
g
105

CONNECTION WITH WALL (95MM DOOR FRAME)

A-A

beam 45x45

beam 45x45

SU-050X

possible to integrate DOOR-STX with wall panels

possible to integrate DOOR-STX with wall panels

92
66
60
60

CONNECTION WITH WALL (123MM DOOR FRAME)

veneer 12mm

veneer 12mm

SU-050X

possible to integrate DOOR-STX with wall panels

possible to integrate DOOR-STX with wall panels

120
70
60
60

OUTWARDS OPENING DOOR THRESHOLDS

SU-010X	SU-010X	SU-010X	SU-050X	SU-050X	SU-050X
20	10	10 / 8	20	10	10 / 8
g	g	g	g	g	g
Oak threshold	Descending threshold Planet FT-FH+RD	Descending threshold Planet FT-FH+RD + 8mm oak threshold	Oak threshold	Descending threshold Planet FT-FH+RD	Descending threshold Planet FT-FH+RD + 8mm oak threshold

SU-060X	SU-060X	SU-060X
20	10	8 / 10
g	g	g
Oak threshold	Descending threshold Planet FT-FH+RD	Descending threshold Planet FT-FH+RD + 8mm oak threshold

DOOR- STX | DOOR PANELS WITH GLASS OPENINGS

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A SPATIAL WAY OF THINKING — QUALITY DESIGN FROM ESTONIA
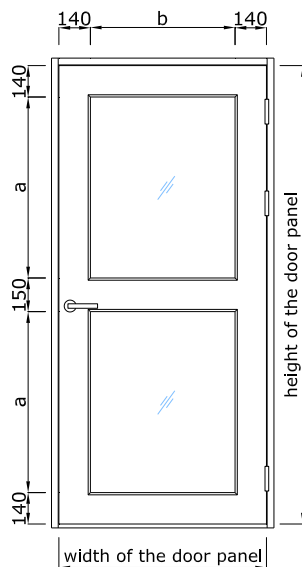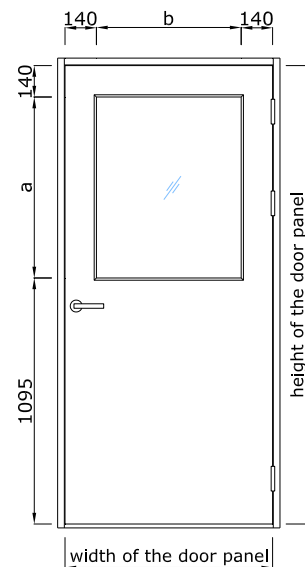
G01

a = height of the door panel - 280mm
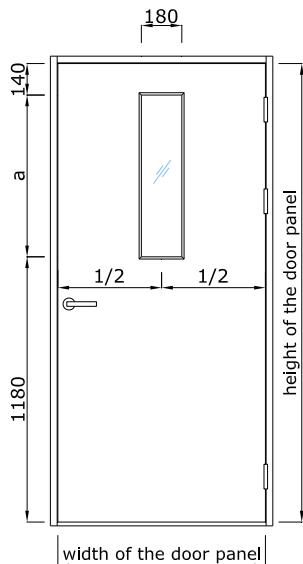b = width of the door panel - 280mm

G03

a = (height of the door panel - 430mm) / 2
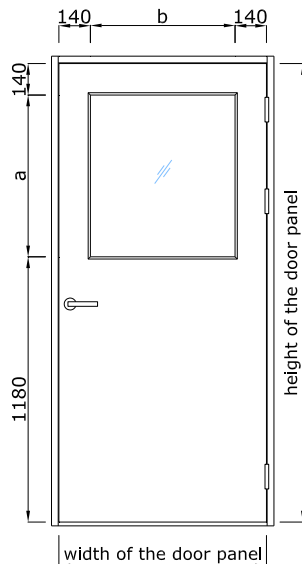b = width of the door panel - 280mm

G21

a = height of the door panel - 1235mm
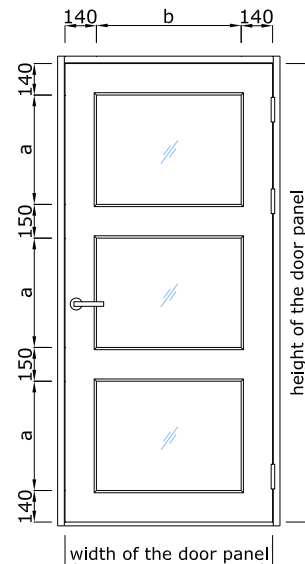b = width of the door panel - 280mm

G23

a = height of the door panel - 1320mm

G24

a = height of the door panel - 1320mm
b = width of the door panel - 280mm

G30

a = (height of the door panel - 580mm) / 3
b = width of the door panel - 280mm