

structo

WALL
SYSTEMS



TIMELESS SOLUTION WHICH
WILL LOOK FRESH EVEN
AFTER YEARS

PORTA-R

Maximum height of the portal if side panels are in one piece: * coloured	2790 mm*
Maximum height of the portal if side panels are divided into two parts: * only with 120mm thickness	3600 mm*
Maximum external dimensions of the door frame (width x height): * with SU-050 door panel	1090 x 2390 mm*
Standard portal thicknesses:	92 mm 120 mm



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PORTA-R | TECHNICAL DESCRIPTION



PORTA-R is a portal with MDF carcass and wooden frame, in which the door frame is not visible from the outside and there is no need to use moldings.

The portal has a mounting margin of 5-40mm at the top and 0-20mm on both sides, which is why it is easy to install even if the construction openings are not the same size.

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

Standard single-panel door frame widths are: M7 (690mm), M8 (790mm), M9 (890mm), M10 (990mm), M11 (1090mm).

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

The standard door type is SU-050 (thickness of the door panel is 53mm), but the SU-060 door for increasing soundproofing (thickness of the door panel is 66,5mm) can also be chosen.

Side sections are ideal for connectors, switches, cabling, etc.

MDF 10mm panels of one side are glued to the carcass with splines, for attaching the other side (usually, the outer side) both splines or openable clip-system can be chosen.

The minimum width of the side panel when installing electrical accessories is 195 mm when viewed from the outside (170mm from the inside).

To increase the soundproofing, mineral wool and up to 2 layers of MDF/plasterboard are installed between the carcass.

If necessary, an acoustic air duct for the transfer air can be ordered above and/or next to the door (Sound Screen).

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

Possible coatings for panels and door 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.

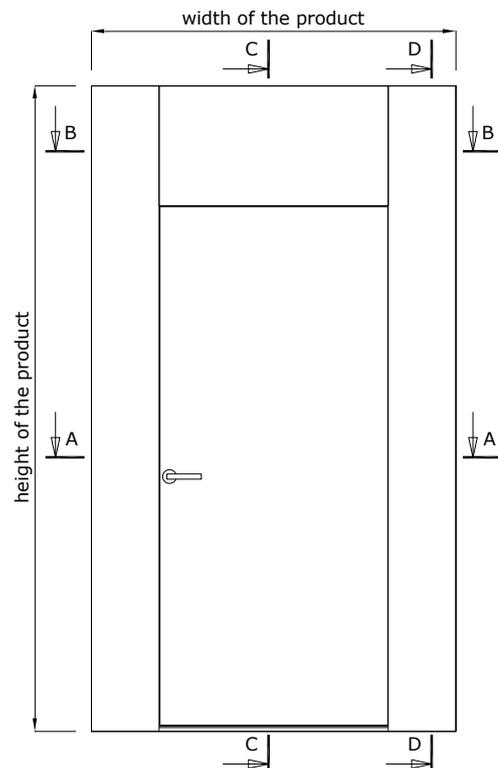
Door frames can be either painted or veneered.

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

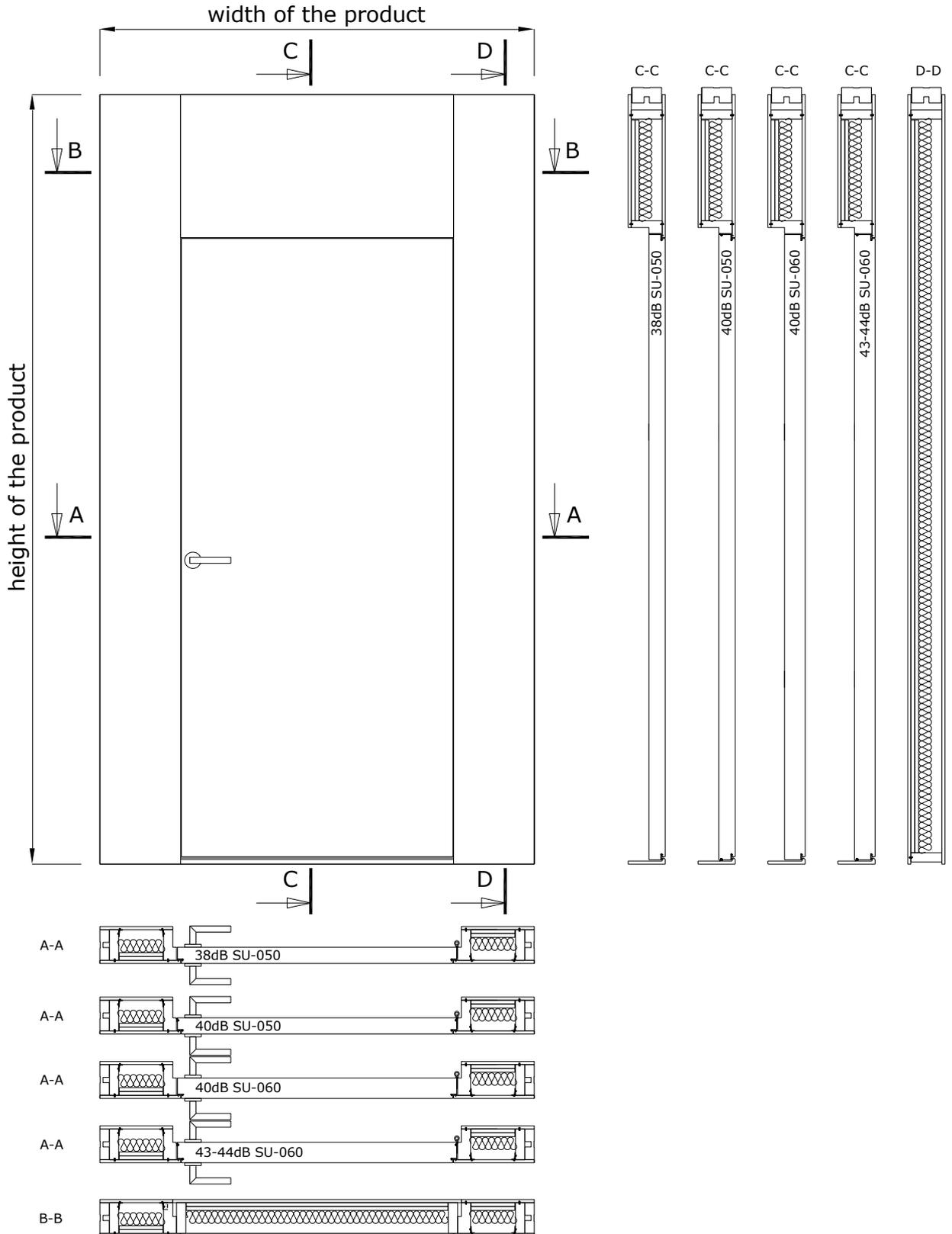
The standard lock case is ASSA 565-50 and the counterpart ASSA 2864. It is also possible to order other lock cases and counterparts.

The standard solution uses Abloy 3248 hinges. Other hinges can also be used (incl. hidden hinges).

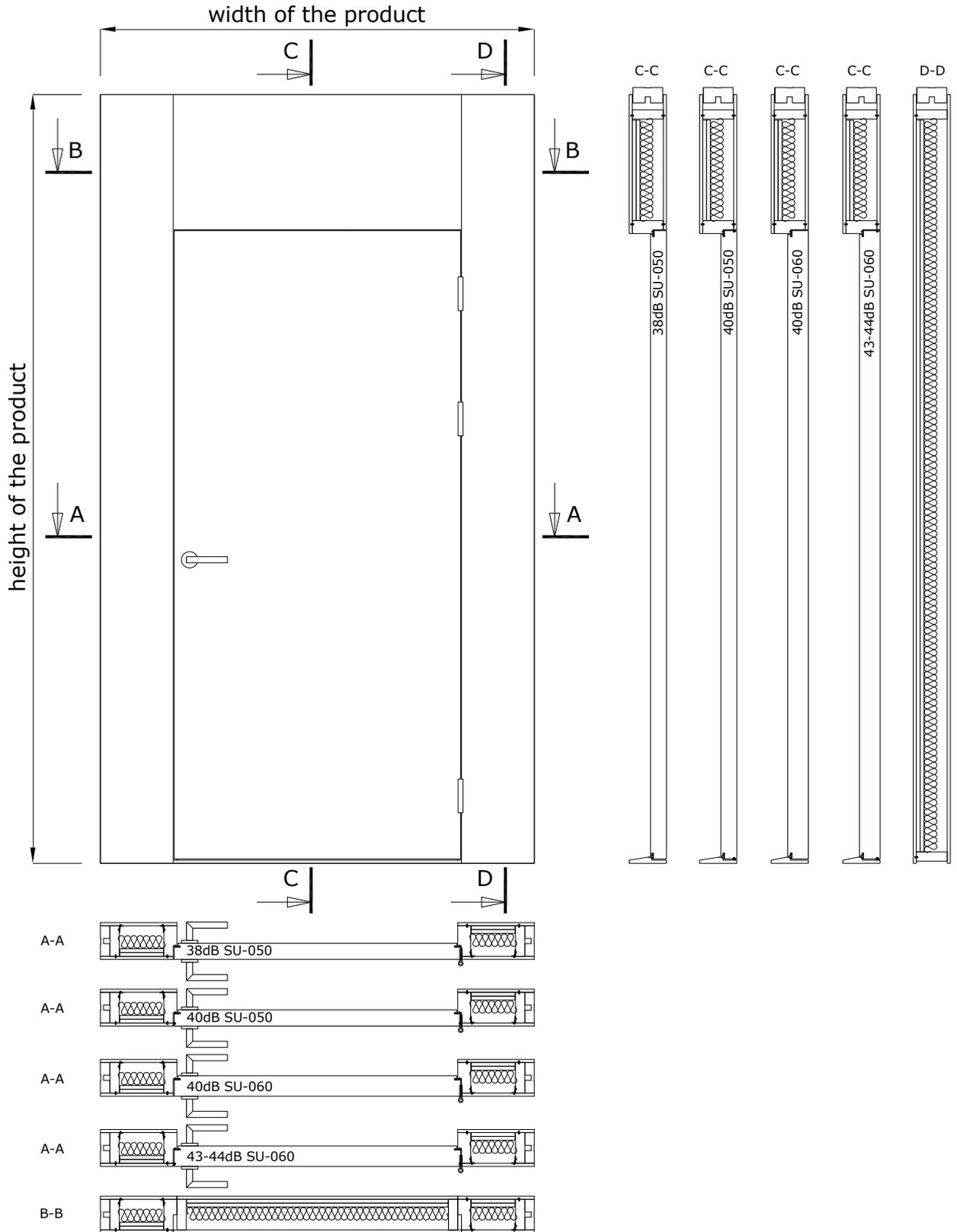
Maximum height of the portal if side panels are in one piece: * coloured	2790 mm*
Maximum height of the portal if side panels are divided into two parts: * only with 120mm thickness	3600 mm*
Maximum external dimensions of the door frame (width x height): * with SU-050 door panel	1090 x 2390 mm*
Minimum solid door panel width:	250 mm
Minimum door panel width with a glass opening:	560 mm
Standard portal thicknesses:	92 mm 120 mm



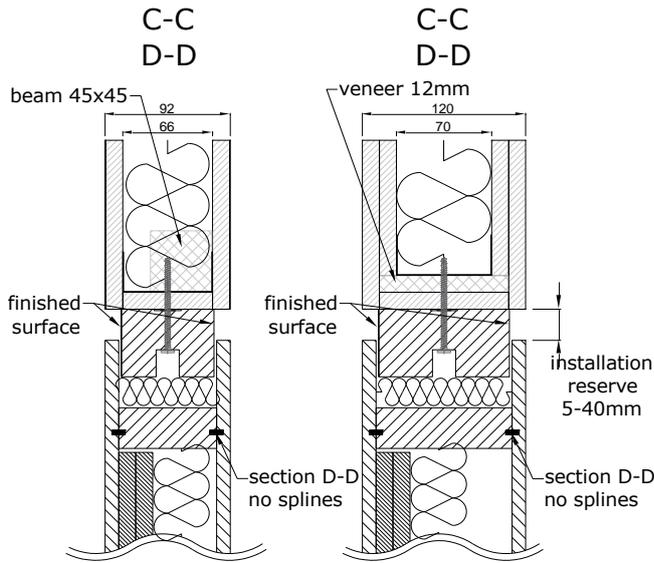
PORTA-R WITH INWARDS OPENING DOOR



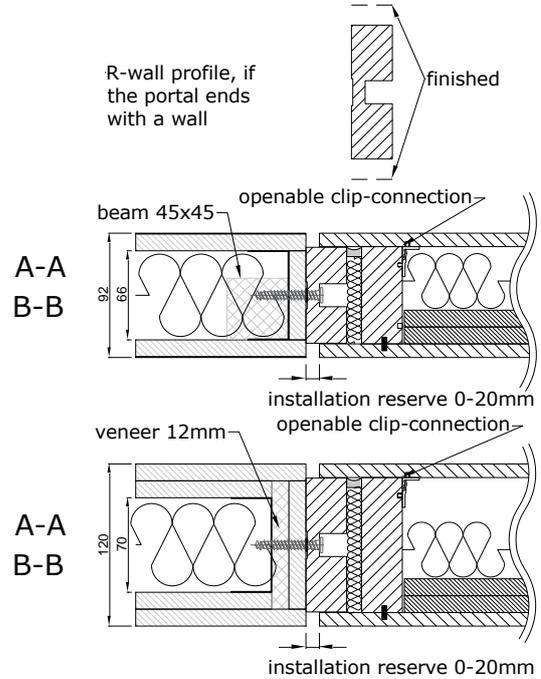
PORTA-R | WITH OUTWARDS OPENING DOOR



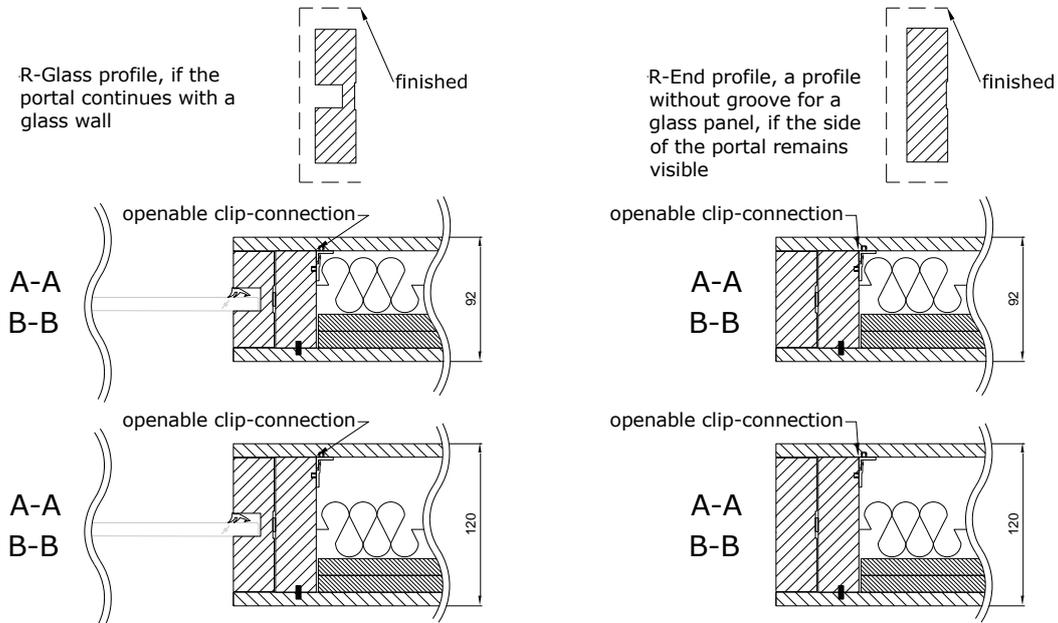
CONNECTION WITH CEILING



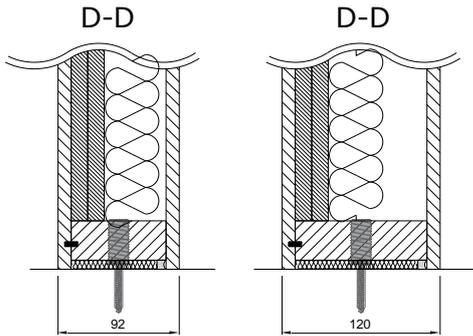
CONNECTION WITH WALL



CONNECTION WITH WALL

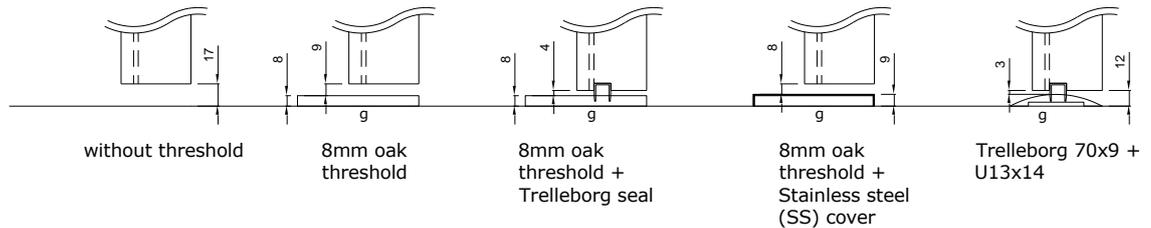


CONNECTION WITH FLOOR

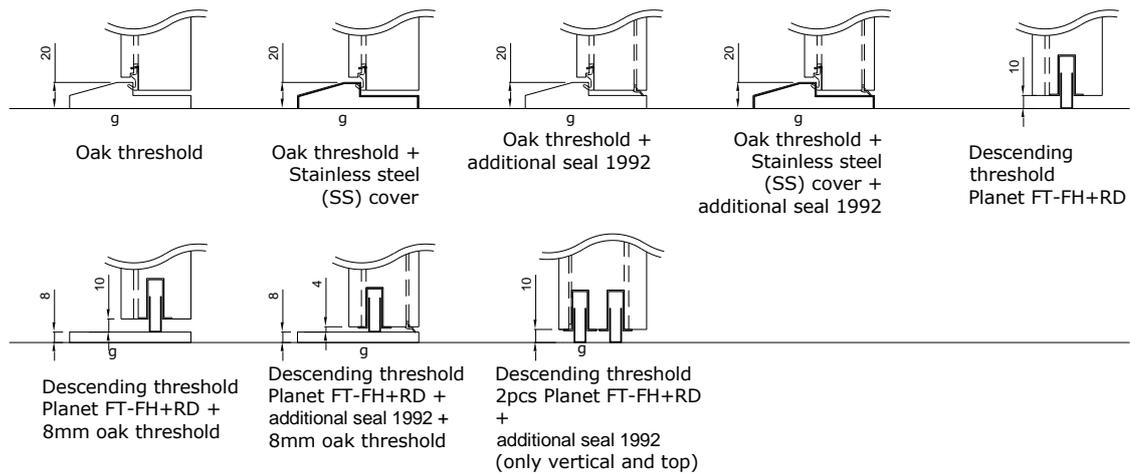


- g - glued connection
- | - seal, FIX-SEAL/S 3x10mm, black
- ▭ - mastic sealant (optional when better soundproofing is required)
- ↙ - QL3096, RAL9005 black RAL9003 white, RAL7001 silver gray, RAL8017 bronze
- ↘ - PX4, BLACK/COLOURLESS

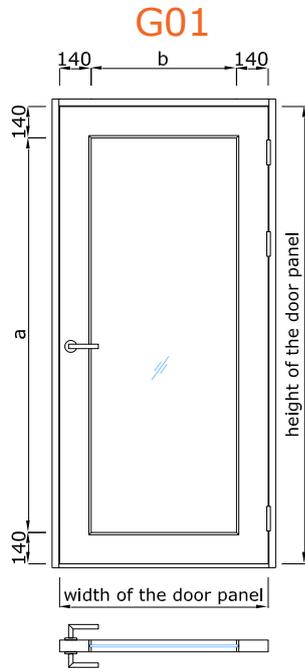
STANDARD THRESHOLD OPTIONS



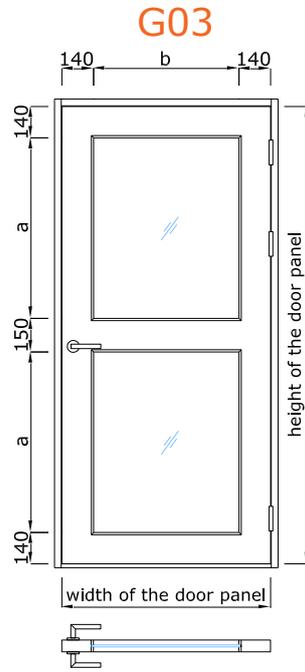
SOUNDPROOF THRESHOLD OPTIONS



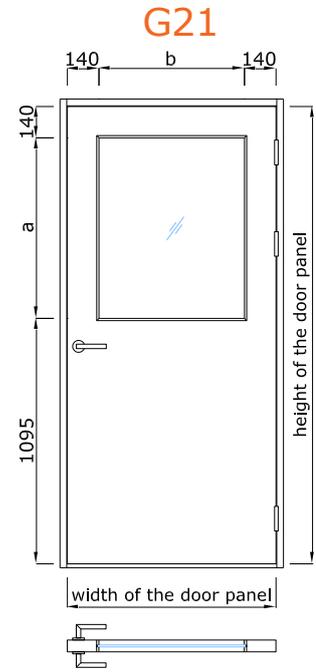
PORTA-R | DOOR PANELS WITH GLASS OPENINGS



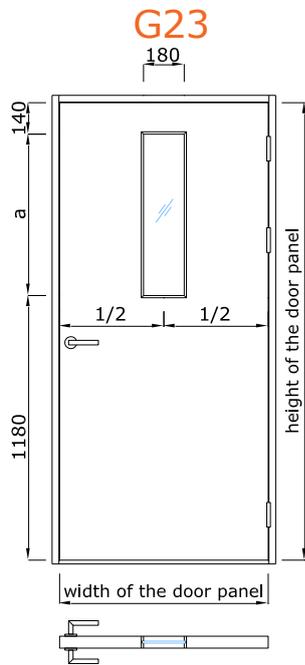
a = height of the door panel - 280mm
b = width of the door panel - 280mm



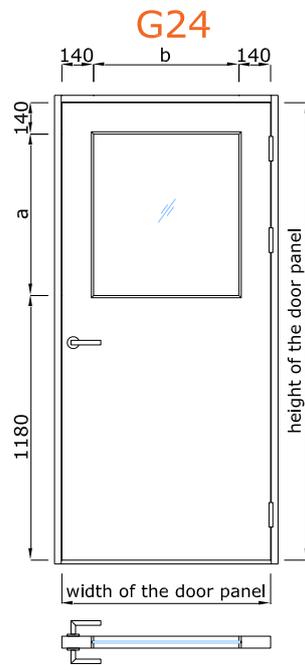
a = (height of the door panel - 430mm) / 2
b = width of the door panel - 280mm



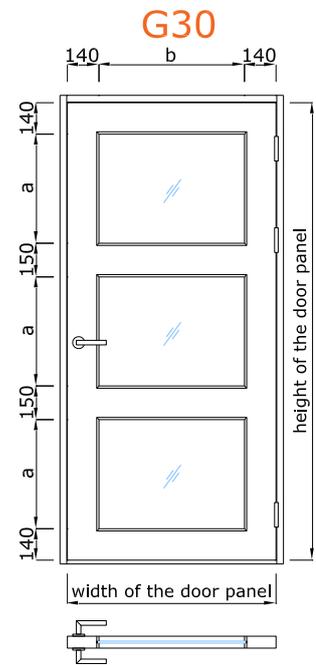
a = height of the door panel - 1235mm
b = width of the door panel - 280mm



a = height of the door panel - 1320mm



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



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