

PIU Wood Line Model 4.2 is a modern line of door at standard height of 202cm with aluminium frame 4.2 and wooden leaf in CPL laminate in colours: white, anthracite, black or prepared for wall painting. Raw aluminium frame prepared for painting or finished in black brushed. Model 4.2 is adjusted for PIU aluminium baseboards flushed with wall (PIU S Line).



PIU DOOR SYSTEM	Aluminium frame 4.2 and door-leaf made of wooden construction finished with CPL laminate in colours: white, anthracite, black or prepared for wall paint
APPLICATION	Inner door
SIZE	Height: 202 cm / Width: 70+, 80+, 90+ cm
FRAME CONSTRUCTION	Model 4.2, multi-chamber aluminium structure of exceptionally high rigidity; used on masonry or plasterboard walls; raw aluminium lub brushed black
OPENING TYPES	2 types of door frame: opening inwards (type A), opening outwards (type B) – giving the possibility flushed to wall door leads despite the different opening directions; in case of different opening directions the door height is always the same on the side where the door are flushed with wall
DOOR-LEAF CONSTRUCTION	Wooden standard construction
REBATED	Rebated (inward) / Non-rebated (outward)
WALL THICKNESS	Min. 75 mm
DOOR-LEAF FINISHING	For wall paint or ready in white, anthracite, black CPL laminate
LOCK	Concealed magnetic lock; able to adjust for any possible type of locking: handle, master-key, toilet, patent lock
HINGES	Concealed, with adjustment in 3 dimensions. The door opens outwards, with an opening range of up to 180°
SEALS	Rubber seals in colours: white, grey and black
COUNTRY OF ORIGIN	Poland
MANUFACTURER	PIU Design Sp. z o.o.

Chart 1 – FRAME HEIGHT CHART – MODEL 4.2

TYPE A – opening inwards and TYPE B – opening outwards

STANDARD HEIGHT (cm) A i B	FRAME OPENING HEIGHT (cm)		FRAME TOTAL HEIGHT (cm)		HOLE IN THE WALL (cm)
	A	B	A	B	
202 cm	202	201	206,2	205,2	209

Chart 2 – FRAME WIDTH CHART – MODEL 4.2

TYPE A – opening inwards and TYPE B – opening outwards

STANDARD WIDTH (cm)	FRAME OPENING WIDTH (cm)	SZEROKOŚĆ SKRZYDŁA	FRAME TOTAL WIDTH (cm)	HOLE IN THE WALL (cm)
70+ cm	73	74,4	81,4	84
80+ cm	83	84,4	91,4	94
90+ cm	93	94,4	101,4	104

GUIDELINES FOR DOOR FRAME ASSEMBLY

The frame should be mounted on the initial building stage (or renovation)

- In the masonry wall** size of the door apertures must be adjusted according to the height and width charts for the proper door frame type. An installation of the doorframe in the hole should predict the surface of door flushed to wall. The frame should be mounted in the appropriate level, predicting the height of the finished floor. Mounting anchors, used for installation in pre-prepared doorways, as well as plaster mesh for installation under the plaster on the flushed to wall side, are delivered in set with the door frame. Doorways should have a margin, circa 10cm without plaster in order to install in it a plaster mesh. Foam for installation and insulation, added to the frame, should be applied locally in order to immobilise the frame during the mounting. Then the clearance between the frame and the wall should be filled with mortar in order to gain a rigid connection between the frame and the wall.
- In the plasterboard wall** there must be made a door aperture construction from profiles intended for door mounting. Steel profile for door frames (UA stud) must be installed according to the size of the appropriate type of the door frame, ceiling and floor to acquire it's rigidity. The frame should be mounted in the appropriate level, predicting the height of the finished floor. The wall cannot be closed with plasterboard in order to have the possibility of tightening the doorframe on the inner side with self-drilling screws, that gives the mounted frame it rigidity. Foam for installation and insulation should be applied along edges of the frame, between the frame and the wall. While mounting plasterboards, the edges contacting with frame should be cut at the angle of 45-50° from the flushed to wall side. Interlining should be used on the edges of the frame

PIU FRAME INVENTORY

Frame set consists of:

- raw or brushed black door frame profiles
- primer for raw aluminium, for repainting after degreasing
- corner for joining frames profiles
- assembly beams
- set of screws for door frames assembly and for mounting hardware
- magnetic lock with latch strike plate
- hinges with adjustment in 3 dimensions
- rubber seal: white, grey
- assembly anchors for masonry or plastered walls
- installation grate for masonry wall

Fig. 1 – SCHEME OF FRAME HEIGHT DIFFERENCE TYPE A AND TYPE B
In order of having the same visible door height on the flushing with the wall side, with different opening direction doors, opening height and the frame is lower by 12 mm with the door opening outwards (TYPE B)

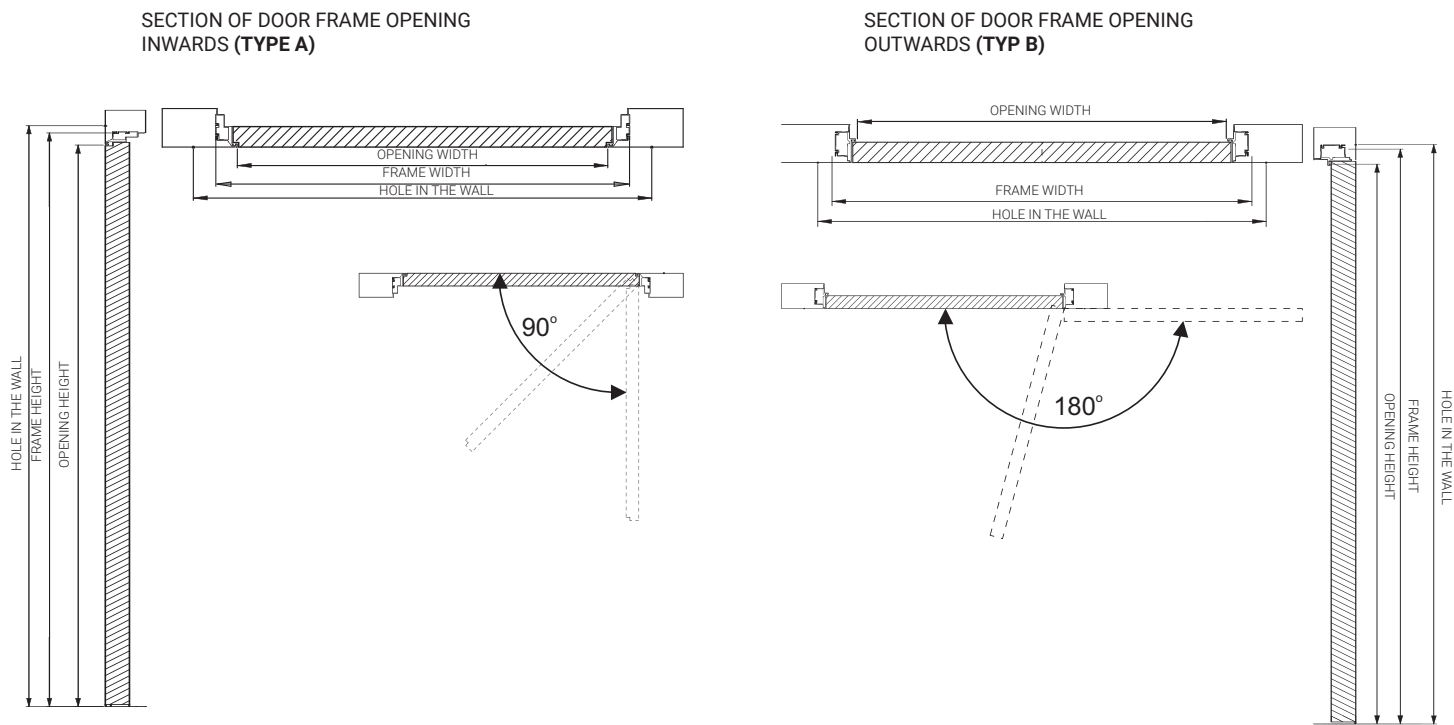


Fig. 2 – PIU DOORS OPENING DIRECTIONS ACCORDING TO FRAME TYPE A I TYPE B



* in situation of joint floors, connection should be made 2,5cm from the flushed in the wall side into the interior of the room

Fig. 3 – PIU 4.2 FRAME SET ELEMENTS

