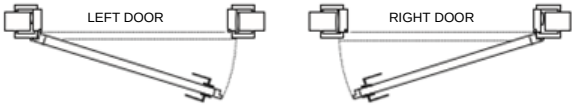
INSTALLATION INSTRUCTIONS FOR INTERIOR ENTRY DOORS

WARNING: THE PRODUCT CONTAINS WOOD-BASED MATERIALS – PROTECT FROM MOISTURE AND WETTING!

The door set consists of the door leaf and door frame, in accordance with the order.

DOOR LEAF AND DOOR FRAME DIRECTION



BEFORE ASSEMBLY

1. Start the installation after the wet construction work inside the building has been completed.
2. The relative humidity in the building should not exceed 60%.
3. Unpack and check the product for conformity with the order. Refrain from assembling any defective product.
4. Prepare an opening in the wall with the following specifications:
   - determine the floor level,
   - ensure vertical and horizontal (equal diagonals),
   - opening wider than the outer dimension of the door by approx. 30 mm,
   - opening higher than the outer dimension of the door by approx. 15 mm.
5. It is recommended to use qualified installation teams.
6. Carry out the work in accordance with best construction practices.

ASSEMBLY

1. Assemble the door frame according to the assembly instructions provided with it (not applicable to doors purchased with a pre-assembled door frame).
2. Apply neutral silicone (not sanitary!) to the bottom unbonded surface of the door frame (base in contact with the substrate).
3. Align the door frame within the wall opening, ensuring correct left-right orientation and maintaining uniform gaps between the door frame and the wall.
4. Stabilise the door frame in the opening using spacer blocks (between the frame and the masonry) at the height of the top hinge, the lock, and the threshold. Additionally, place two spacer blocks on both sides of the jamb lintel. Secure struts (e.g., with soft flannel) to prevent frame damage.
5. Use wedges, set the uprights in two planes, also checking the level of the door frame lintel.
6. Fit the door leaf, check its functionality and fit against to the door frame.
7. Remove the door leaf and remove the seal from the door frame.
8. Drill Ø6 holes in the door frame (under the seal) for mm fastening screws. In doors of class RC2 and RC3 (e.g.: Forteca), use a minimum of four steel fixing screws per side with a minimum length of 130 mm and a diameter of 7 mm is required. Screw spacing measured from the bottom edge of the door frame: 1/ 180 mm; 2/ 730 mm; 3/ 1280 mm; 4/ 1835 mm. Fix a minimum of one screw in the lintel.
9. Use a concrete drill Ø6 mm in diameter, drill the holes in the masonry to a minimum depth of 100 mm.
10. Secure the door frame with expansion bolts suitable for the substrate and approved for use and marketing (B or CE marking). Mounting with assembly plates (anchors) is permissible.
11. Fit the door leaf and gaskets into the door frame, ensuring proper contact. Adjust the door frame or hinges if necessary. The maximum reveal and seal deflection is 3 mm.
12. Using additional spacer strips between the spacer blocks is recommended to prevent door frame deformation due to foam expansion.
13. Evenly fill the joints on both sides of the frame with low-expansion installation foam, following the manufacturer's recommendations.
14. Remove excess foam and wedges after a minimum of 24 hours.
15. Install additional joint finishes, e.g. ties, quarter rounds, cover strips.
16. Check the operation of the door again by making unnecessary adjustments. Check the operability of the locks by locking the door 3 times.
17. Protect the junctions between the door frame and the floor with silicone (not applicable to installation on textile floor coverings). Protect the wooden threshold with wood preservatives. Attention: Only agents suitable for door frames, with neutral curing system (oxime base) and low solvent content may be used. The use of sanitary sealants and other preparations containing, among other things, acetic acid is strictly forbidden.
18. Install fittings (handles, knobs, escutcheons, peephole) in accordance with their instructions. Attention: Reduced functional properties must be rectified immediately by qualified installers. Failure to observe the rules of the trade may result in irreparable damage (cracks, deformations, abrasions).

OPENING DIMENSIONS IN THE WALL (dimensions in mm)

	WIDTH				HEIGHT*	
"1-LEAF DOORS"	"80N"	"80"	"90E**"	"100"	PL	CZ
FORTECA with wooden/MDF frame	892	936	1036	1136	2088	–
FORTECA with adjustable steel frame	865	910	1022	1110	2070	–
FORTECA with large angular steel frame	840	885	997	1085	2060	–
HERSE SET with fixed wooden/MDF frame	872	912	1016	1112	2072	2025
HERSE SET with adjustable wooden/MDF frame	–	888	992	1082	2060	2013
HERSE SET with adjustable steel frame	855	895	999	1095	2066	2019
HERSE SET with large angular steel frame	841	881	985	1081	2059	2012
HERSE SET with United steel frame	–	899	1015	1099	2077	2030

* the symbol is placed on the product's commercial label (above the EAN code). The above dimensions do not account for the factory shortening
** investment width (90ES - for the steel frame)