

INTERNAL DOORS



WIŚNIEWSKI

GATES | WINDOWS | DOORS | FENCES

INTERIOR DOORS ENIRO

ENIRO are steel apartment entrance doors with an HDF-lined leaf, combining excellent technical performance with extensive design possibilities.

The collection includes decors that reflect the latest architectural trends.

Standard equipment includes a three-point lock with a lock cylinder, four anti-burglary bolts, two 3D hinges, and a wooden threshold – ensuring door tightness, user comfort, and, together with the threshold and double sealing, very good noise protection.

SAFETY

The RC3 anti-burglary classification of the ENIRO doors is certified by the Building Research Institute (ITB).

FIRE PROTECTION

The ENIRO doors provide maximum safety and durability in extreme conditions. They can be manufactured with the EI30 fire rating.

SOUND INSULATION

The ENIRO doors reduce noise from the outside to provide acoustic comfort.



ENIRO door models



ENIRO 01



ENIRO 02



ENIRO 03



ENIRO 04



ENIRO 05



ENIRO 06



ENIRO 07



ENIRO 08



ENIRO 09



ENIRO 10



ENIRO 11



ENIRO 12



ENIRO 13



ENIRO 14



ENIRO 15



ENIRO 16



ENIRO 17



ENIRO 18



ENIRO 19



ENIRO 20



ENIRO entrance doors

CHARACTERISTICS



Description

The ENIRO single-leaf apartment entrance doors consist of an opening frame made of galvanized steel sheet with a thickness of 1.5 [mm] and a 64 [mm] thick leaf composed of two galvanized steel sheets 0.75 [mm] thick, infilled with high-density mineral wool.

Leaf and opening frame

The leaf is finished on both sides with a 6 [mm] thick laminated MDF FIBRAPLAST panel manufactured by FINSA.

The opening frame is always painted in black, while the MDF panels can be finished in any decor from the current FINSA collection.

Double gaskets installed in both the leaf and the opening frame ensure excellent acoustic performance, contributing to even greater user comfort.

Dimension

The ENIRO doors are available in standard dimensions:

- width: 900 [mm] or 1,000 [mm] clear passage,
- height: 2,000 [mm] or 2,200 [mm] clear passage.

Depending on the installation method, the following wall openings must be prepared for the specified clear passage dimensions:

Opening frame type	Dimensions of a single-leaf door in a standard version	
	Recommended dimensions of the installation opening depending on the clear passage	
	So	Ho
Standard + subframe in front of the opening	Sj + 140 [mm]	Hj + 80 [mm]
Standard + subframe in the opening	Sj + 164 [mm]	Hj + 93 [mm]
Standard directly in front of the opening	Sj + 75 [mm]	Hj + 52 [mm]

Designations

- So** – opening width,
Sj – clear passage width (ordering dimension),
Sp – external width of the installation subframe,
Emin – space required for opening the leaf at a 90° angle,
Ho – opening height,
Hj – clear passage height (ordering dimension),
Sp – external height of the installation subframe.

Accessories

The ENIRO doors are equipped as standard with a three-point lock with a lock cylinder, four anti-burglary bolts, two 3D hinges, and a wooden threshold.

The standard hardware includes the CERES handle-handle hardware in stainless steel colour.

Optionally, the doors can be fitted with:

- lock cylinder with a knob,
- panoramic spyhole,
- electronic spyhole,
- threshold cover in black or stainless steel.

Infill

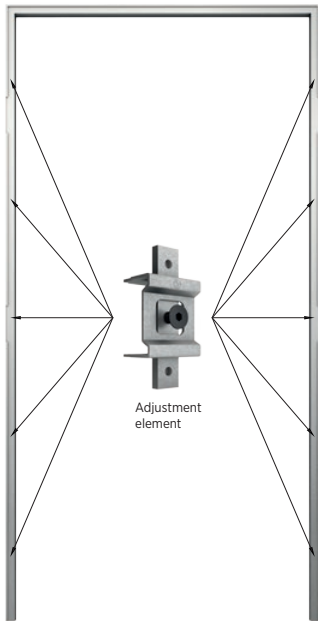
The ENIRO door features a 64 [mm] thick leaf made of two sheets of 0.75 [mm] thick galvanized steel.

The leaf is finished on both sides with a 6 [mm] thick laminated MDF FIBRAPLAST panel manufactured by FINSA.

The leaf lining panels are fixed with steel profiles made of 0.75 [mm] thick galvanized steel sheet, powder-coated in black, and riveted to the door leaf. The leaf is infilled with high-density mineral wool.



Subframe



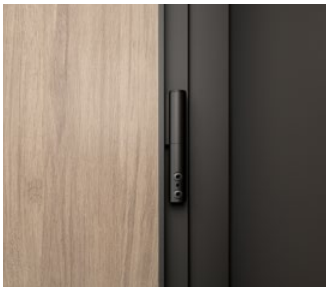
Optionally, the door can be equipped with a special subframe that facilitates installation. The subframe is made of 1.5 [mm] thick galvanized steel sheet and is mounted directly to the wall using ten flat oval head mounting screws.

It is equipped with mounting brackets with two-axis adjustment. The proper opening frame is indirectly fixed to the installation subframe using ten M8x25 countersunk screws.

The space between the opening frame and the installation subframe should be infilled with mineral wool. The 10 [mm] gap between the wall and the subframe must be infilled with concrete mortar and supported locally with mounting shims.

ACCESSORIES

HINGES



3D hinges – coated in black.

The ENIRO doors are equipped as standard with two 3D hinges coated in black. The hinges are positioned on the opening side of the door – for inswing doors, the hinges will be mounted on the inside of the room.

ANTI-BURGLARY BOLTS



Anti-burglary bolt

As standard, the ENIRO doors are fitted with three anti-burglary bolts.

THRESHOLD SOLUTIONS

The ENIRO doors are equipped as standard with a wooden threshold, which can optionally be fitted with additional covers in stainless steel colour or made of galvanized sheet coated in black.

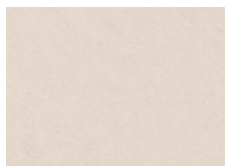


AVAILABLE COLOURS

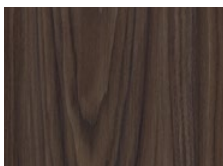
Film coatings



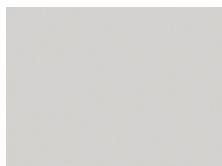
Alpaca Balm
656B



Creta Marfil
9AS



Diana Walnut Boreal
665B



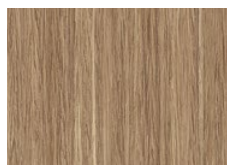
Gris Calcio
34W



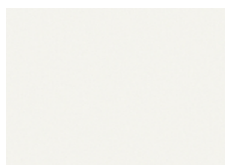
Gris Rioja
197



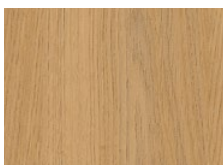
Gris Vesubio
4AT



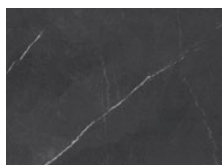
Ibuku Natural Yoku
685B



LBE Blanco Extra
LBE



Lissa Oak Mesura Kraft
CLH



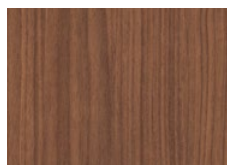
Mármol Hades
1AT



Merino SOFT III
653B



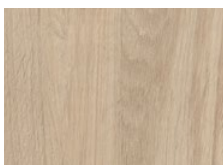
Negro SOFT III
231



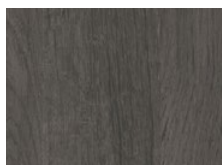
Nogal Canaletto Mesura Kraft
03C



Nogal Slow Atlas Kraft
5AE



Roble Aurora Atlas Kraft
98V



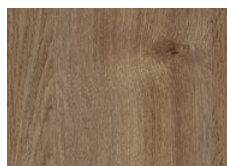
Roble Azabache
75V



Roble Hera Altas Kraft
41G



Roble Natural
910



Roble Romance
274B

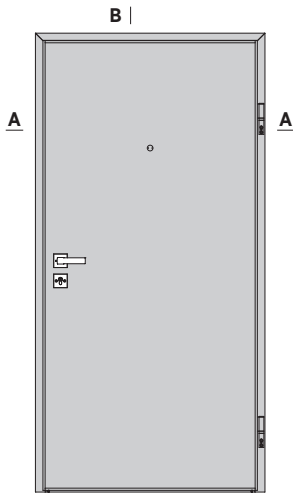


Siena Balm
657B

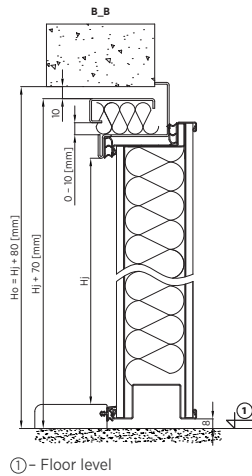


CROSS-SECTIONS

Inswing doors

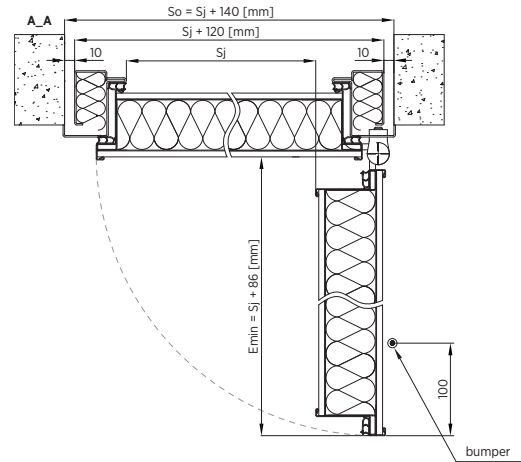


ENIRO doors – installation in front of the opening



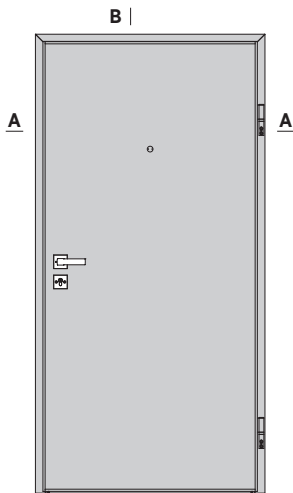
① – Floor level

Vertical cross-section of the ENIRO door with a subframe – installation in front of the opening

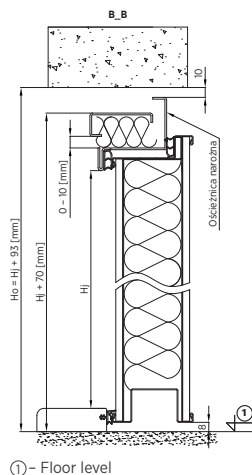


Horizontal cross-section of the ENIRO door with a subframe – installation in front of the opening

Inswing doors – installation in the opening

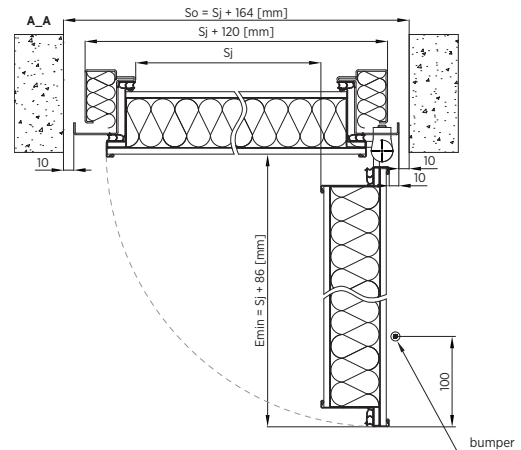


ENIRO door – installation in the opening



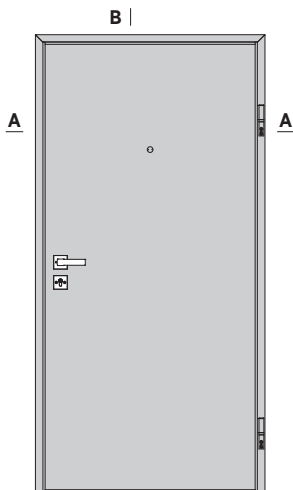
① – Floor level

Vertical cross-section of the ENIRO door with a subframe – installation in the opening

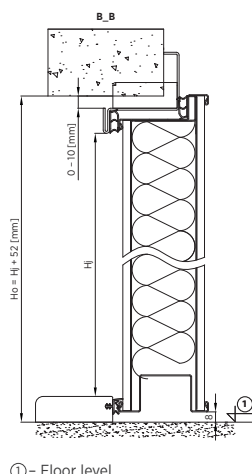


Horizontal cross-section of the door with a subframe – installation in the opening

Inswing doors – direct installation

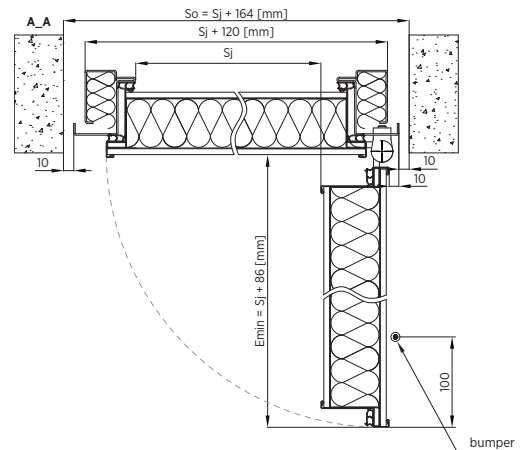


ENIRO door – installation in the opening



① – Floor level

Vertical cross-section of the door without a subframe – installation in front of the opening

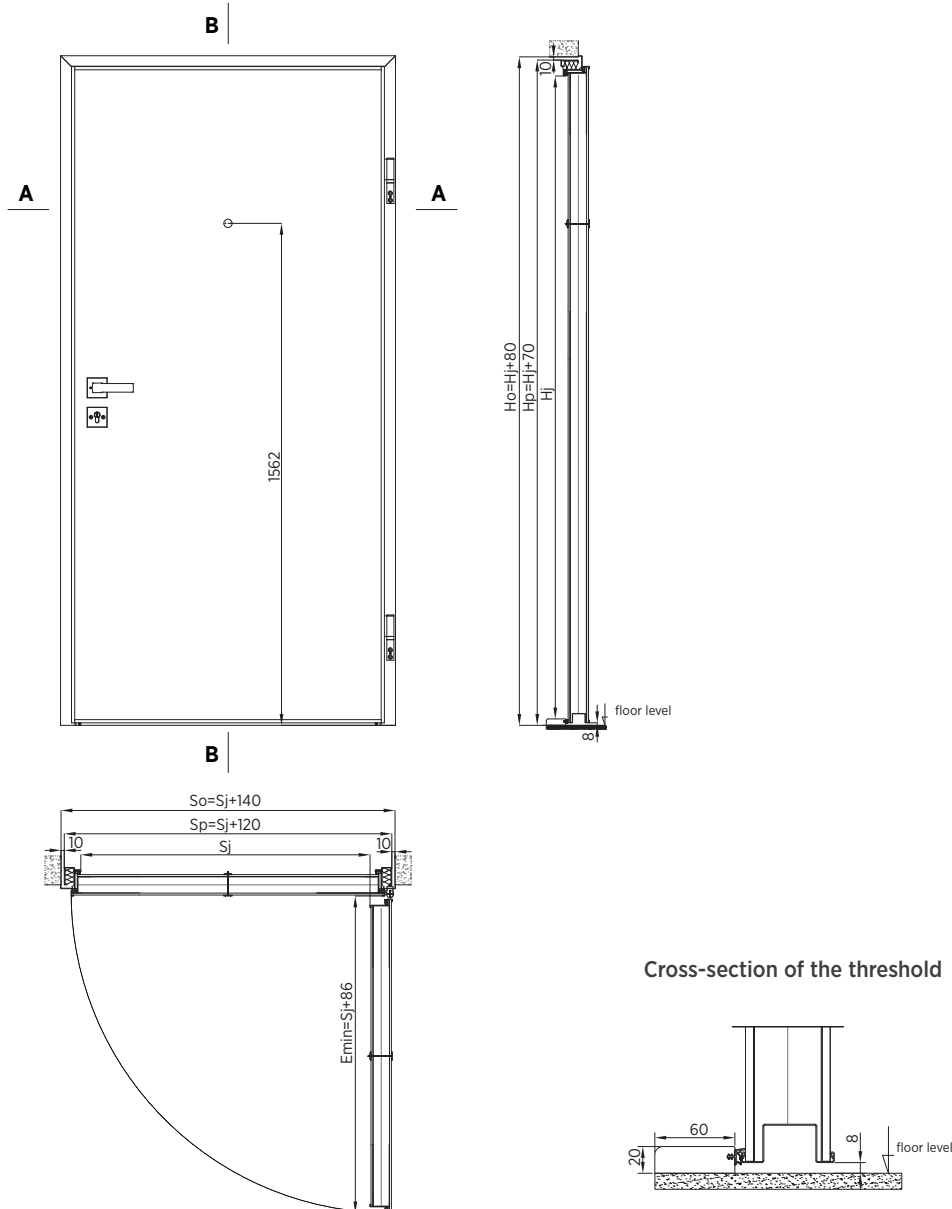
Horizontal cross-section of the door without a subframe – installation in front of the opening^①^① – For door installation without a subframe (installation in front of the opening), spot recesses must be made for the protective covers of the lock latch, anti-burglary bolts, and recesses for mounting anchors and hinge pockets. These spot recesses in the wall should be at least 30 [mm] wide and at least 10 [mm] high.



TECHNICAL DESCRIPTION AND INSTALLATION CONDITIONS

SELECTION OF DOOR DIMENSIONS

Indirect installation with an installation subframe, in front of the opening



Cross-section of the threshold

Recommended dimensions of the installation opening depending on the clear passage		External dimensions of the subframe depending on the clear passage	
So	Ho	Sp	Hp
Sj+140 [mm]	Hj+80 [mm]	Sj+120 [mm]	Hj+70 [mm]

So - opening width,
Sj - clear passage width (ordering dimension),
Sp - external width of the installation subframe,
Ho - opening height,
Hj - clear passage height (ordering dimension),
Hp - external height of the installation subframe,
Emin - space required to open the leaf at an angle of 90°.

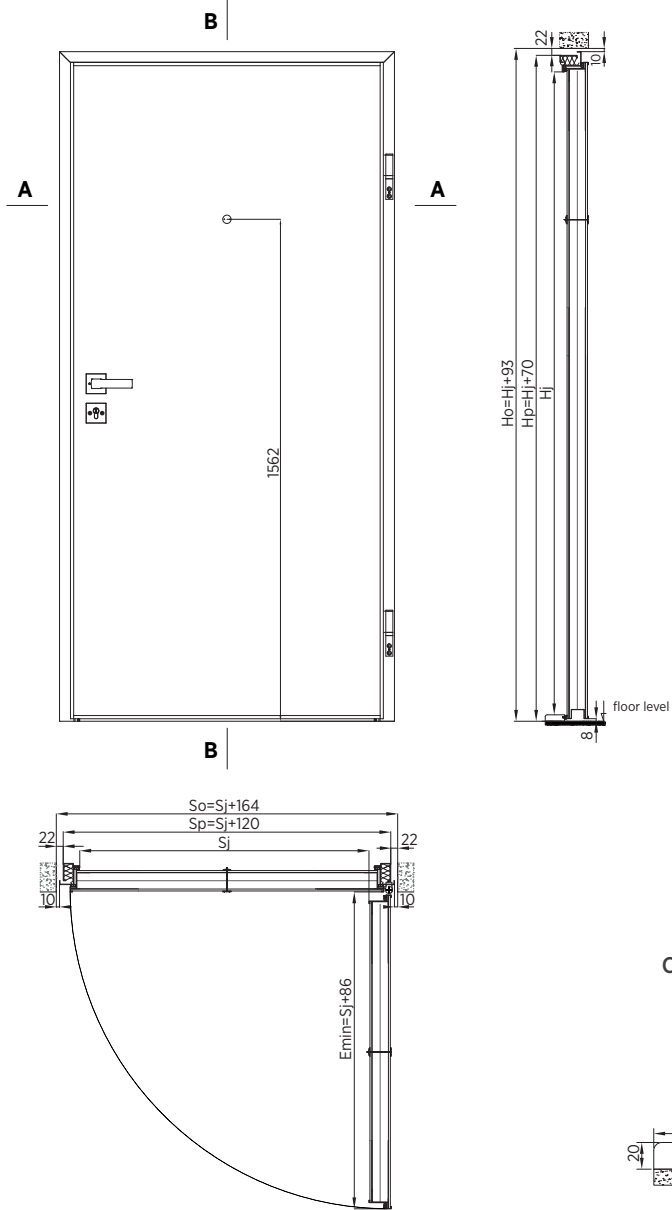
The dimensional relationships specified in the table are values recommended by the manufacturer.

When determining the dimensions of the door, take into consideration the precision with which the opening will be made and the floor level which constitutes the reference for structure height measurement.

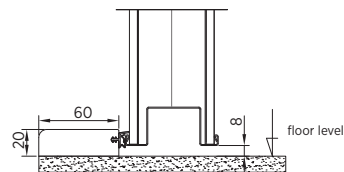
Clear passage measured with the leaf open at an angle of 90° - the dimension does not include the handle.



Indirect installation with an installation subframe, in the opening



Cross-section of the threshold



Recommended dimensions of the installation opening depending on the clear passage		External dimensions of the subframe depending on the clear passage	
So	Ho	Sp	Hp
$Sj+164$ [mm]	$Hj+93$ [mm]	$Sj+142$ [mm]	$Hj+83$ [mm]

So - opening width,
Sj - clear passage width (ordering dimension),
Sp - external width of the installation subframe,
Ho - opening height,
Hj - clear passage height (ordering dimension),
Hp - external height of the installation subframe,
Emin - space required to open the leaf at an angle of 90°.

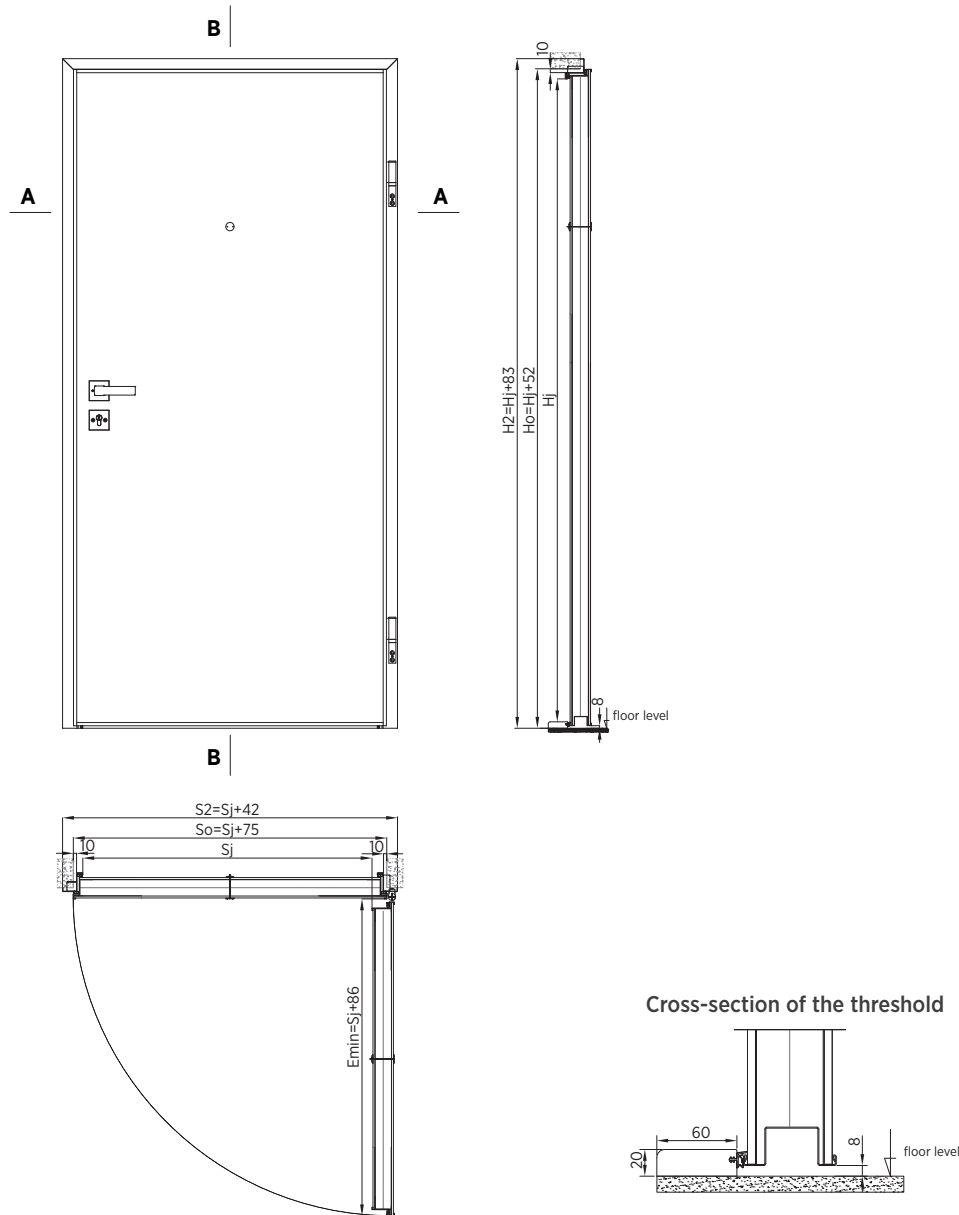
The dimensional relationships specified in the table are values recommended by the manufacturer.

When determining the dimensions of the door, take into consideration the precision with which the opening will be made and the floor level which constitutes the reference for structure height measurement.

Clear passage measured with the leaf open at an angle of 90° - the dimension does not include the handle.



Direct installation through the opening frame



Cross-section of the threshold

Recommended dimensions of the installation opening depending on the clear passage		External dimensions of the subframe depending on the clear passage	
So	Ho	S2	H2
Sj+75 [mm]	Hj+52 [mm]	Sj+142 [mm]	Hj+83 [mm]

So - opening width,
Sj - clear passage width (ordering dimension),
S2 - external width of the installation subframe,
Ho - opening height,
Hj - clear passage height (ordering dimension),
H2 - external height of the installation subframe,
Emin - space required to open the leaf at an angle of 90°.

The dimensional relationships specified in the table are values recommended by the manufacturer.

When determining the dimensions of the door, take into consideration the precision with which the opening will be made and the floor level which constitutes the reference for structure height measurement.

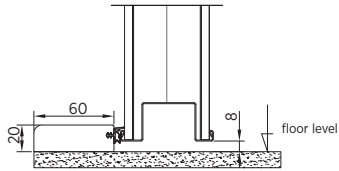
Clear passage measured with the leaf open at an angle of 90° - the dimension does not include the handle.

The specified installation clearance does not include space for cut-out covers, for which spot recesses must be made in the wall.

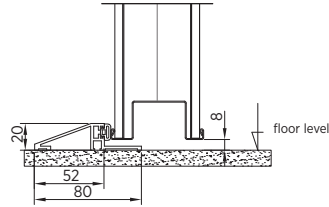


THRESHOLD SOLUTIONS

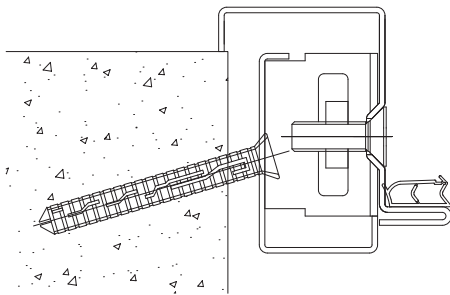
Wooden threshold



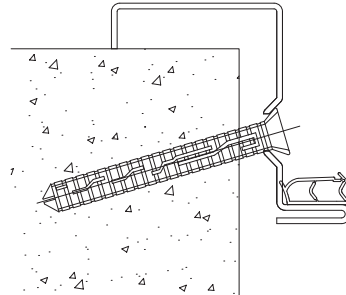
Aluminium threshold



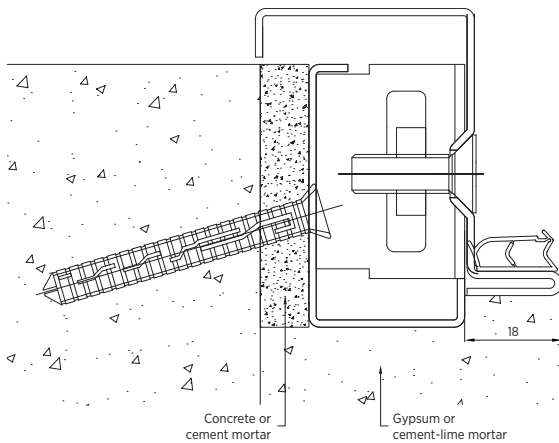
INSTALLATION METHOD



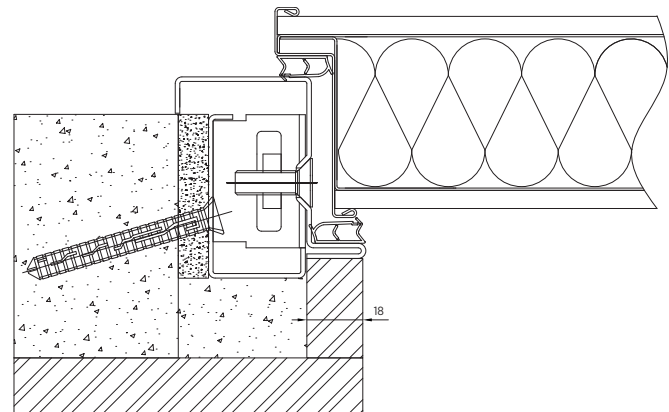
Indirect installation through the subframe



Direct installation through the opening frame



Indirect installation through the subframe of an EI30 door



Example of opening frame installation in an RC3-class door

ENIRO DOOR TESTS

- Sound insulation acc. to PN-EN ISO 10140-2:2021:
 - $R_w = 38$ (-1; -3) dB – doors with an aluminium threshold,
 - $R_w = 40$ (-2; -5) dB – doors with a wooden threshold.
- Fire resistance acc. to PN-EN 16034:2014-11 – class EI₂30.
- RC3 anti-burglary class – PN-EN 1627:2021.



PHOTO GALLERY



ENIRO | 107 | Pino Pasaden Poro

**ENIRO** INTERIOR DOORS

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