



INTERNAL STEEL DOORS



PERICOLO TECNICO
TAVOLA ALLA PERSONE



INTERNAL

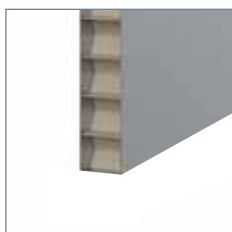
BASIC INFORMATION ABOUT INTERNAL STEEL DOORS

PRODUCT OF
PORTA STEEL

DESIGN PATTERNS

- Solid
- Glazed
- Double

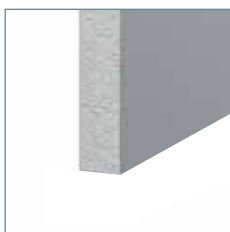
CORE TYPES



HONEYCOMB

This core reduces door weight, presents high mechanical resistance to pressure, offers an attractive price with universal applications.

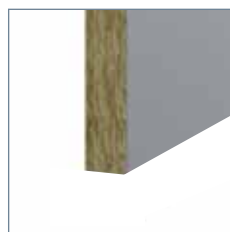
Available in the following collections:
Metal BASIC, Metal SOLID



STYROFOAM

The core ensures structural stability, thermal insulation, resistance to moisture, improved mechanical parameters.

Available in the following collections:
Metal BASIC, Metal SOLID



MINERAL WOOL

This core ensures thermal and acoustic insulation, non flammability, structural stability and improved mechanical parameters.

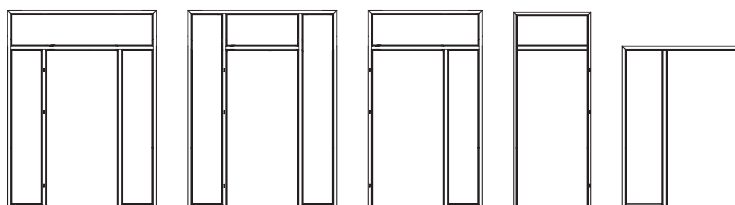
Available in the following collections:
Metal SOLID, EI30, EI60

SEALS

Made of high quality plastic of very good mechanical properties and good shape memory, what guarantees optimal utility parameters.

TRANSOMS

For use with Metal BASIC and Metal SOLID door leaves.
There are upper, lateral, upper and lateral transoms





ACCESSORIES

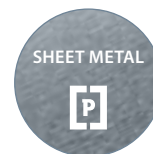
of main European manufacturers (see pp. 48-49)

- Locks
- Anti-panic locks
- Hinges
- Surface self-closers (rail, arm)
- Integrated strikes, stainless steel sheet metal strikes
- Electric strikes
- Electric jumpers
- Thresholds
- Panels








FINISH TYPES

for more information (see p. 10)

- Galvanised sheet metal
- Coated sheet metal
- Polyester paint
- PVC-laminated steel sheet metal
- Stainless steel



PARAMETERS

| | MECHANICAL CLASS | | | FIRE RESISTANCE | | | ACOUSTIC INSULATION |
|-------------------------------------|--|--|--|---|--|---|---|
| |  klasa 1 |  klasa 2 |  klasa 3 |  EI 30 |  EI 60 |  Sa, Sm |  Rw 37dB D, 35 |
| UNIVERSAL DOORS TO UTILITY PREMISES | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| Metal BASIC door | ○ | ● | ○ | ○ | ○ | ○ | ○ |
| Metal SOLID door | ○ | ○ | ● | ○ | ○ | ○ | ○ |
| EI 30 door | ○ | ● | ○ | ● | ○ | ○ | ○ |
| EI 60 door STANDARD type | ○ | ○ | ● | ○ | ● | ○ | ○ |
| EI 60 door Type 1 | ○ | ○ | ● | ○ | ● | ● | ● |

MECHANICAL CLASS Door mechanical resistance to vertical loads, static torsion and impacts; corresponding to normal use, depending on performance conditions (light-, medium-, heavy- and very heavy duty).

FIRE RESISTANCE The ability to stop flame spreading for a definite time period, 30 and 60 minutes for EI30 and EI60 class, respectively.

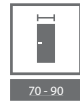
SMOKE-PROOFNESS Defines door resistance (tightness) to smoke permeability in room and increased (to 200 oC) temperature.

ACOUSTIC INSULATION Defined by Rw and D coefficient of acoustic insulation, indicates the decibel level of outdoor noise which the door will be able to attenuate.

UNIVERSAL DOORS TO UTILITY PREMISES

AT-15-8081/2016, ITB WARSAW

Heavy-duty, galvanised, multi-purpose door. Symmetrical design and universal fittings (lock, hinges) make it possible to install the door in left- and right-hand applications.



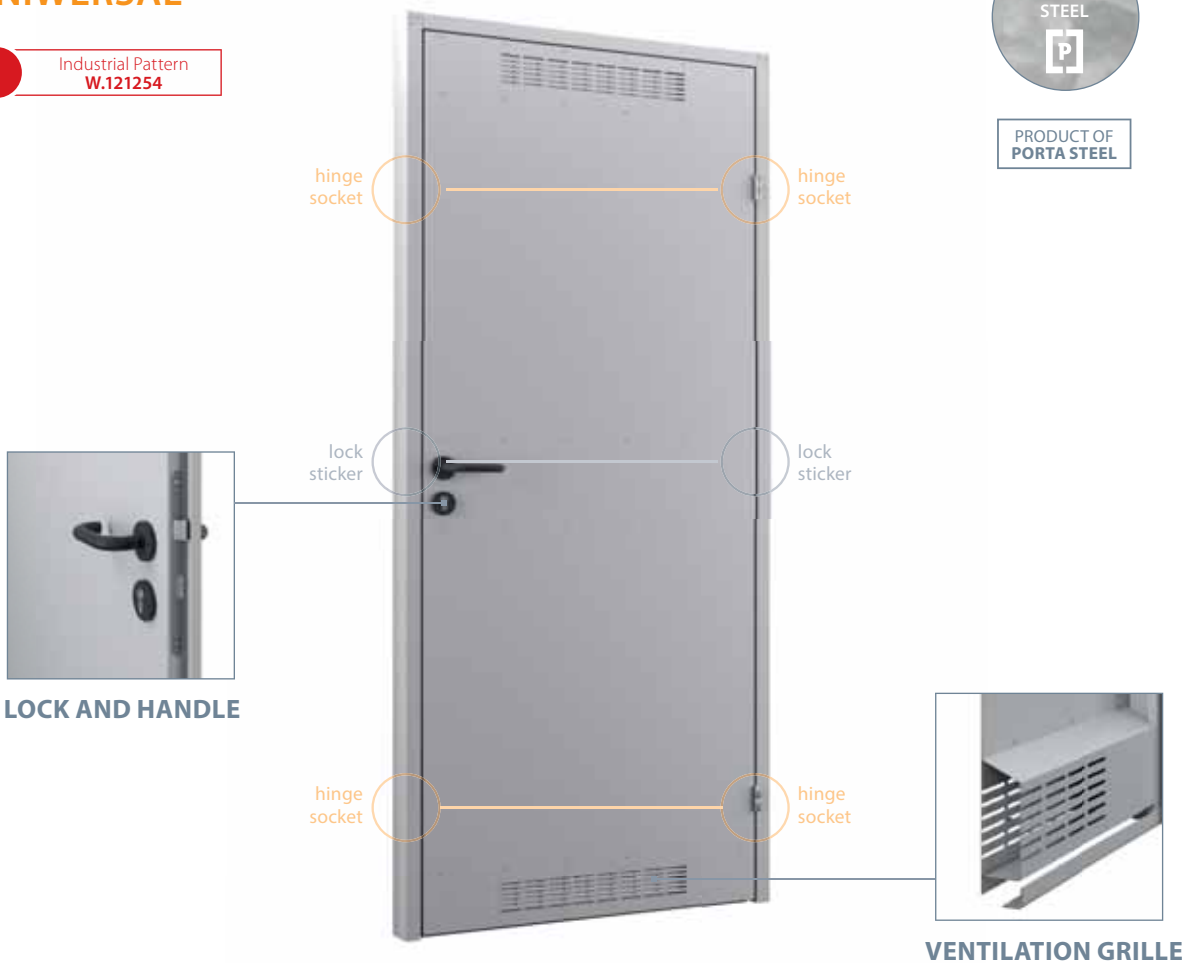
LEFT – OR RIGHT – HAND VERSION? UNIVERSAL



Industrial Pattern
W.121254



PRODUCT OF
PORTA STEEL



MODELS

SOLID



front of the
door leaf



back of the
door leaf

MODEL 2 (VENTILATED)



front of the
door leaf



back of the
door leaf

Door kit components

• **Door leaf** (painted sheet metal, zinc-coated) • **Door frame** (painted sheet metal, zinc-coated)
• **Two standard pintle hinges** • **Patented cylinder lock** • **Handles** with escutcheons

Additional options

• **Ventilation grille**

Door frame included in the price

• **Angle-bar metal door frame**, 48 mm profile
Made of 0.8 mm sheet metal, zinc-coated on both sides

Non-standard dimensions



| | |
|------------------------------------|------------------------------------|
| Height with varnished door frame | H_s = max. 2430 mm, min. 1300 mm |
| Height with zinc-coated door frame | H_s = max. 2080 mm, min. 2030 mm |
| Width | S_s = max. 1015 mm, min. 315 mm |

COLOURS

POLYESTER PAINT ★★★★★☆



ZINC-COATED SHEET METAL ★★★★★☆



Porta KONTRAKT allows you to adapt the door to your individual needs.



4 ASSETS IN 1
SEE MORE



www.porta.com.pl/dm/uniwersalne_montaz.wmv

Metal BASIC

AT-15-8081/2016, ITB WARSAW, HYGIENIC CERTIFICATE 55/322/58/2014



An economical solution with top performance parameters maintained.
Zinc-coated steel design guarantees high levels of durability and reliability.



PRODUCT OF
PORTA STEEL



METAL FRAME REBATE



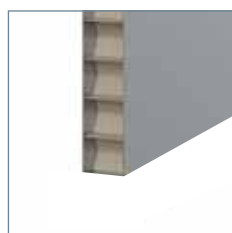
LOCK AND HANDLE



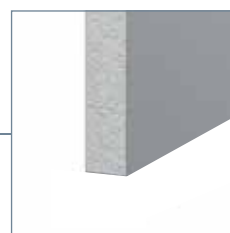
**SPOT-WELDED DOOR FRAME
(44 MM PROFILE, AS THE SMALL
ANGLE-BAR VERSION)**



PINTLE HINGES



CORE OPTIONS
HONEYCOMB



CORE OPTIONS
POLYSTYRENE

Door set components

- **Door leaf** (0.5 mm painted sheet metal with a polyester film, zinc-coated)
- **Door frame** (painted, zinc-coated steel) • **Two** standard pintle **hinges**
- Patented cylinder **lock** • Handles with escutcheons

Door leaf elements

- **Door leaf** (0.5 mm painted sheet metal with a polyester film, zinc-coated)
- **Two** standard pintle **hinges** • Patented cylinder **lock** • Handles with escutcheons

Accessories

- Ventilation grille • Sleeves

Door frame included in the price

- Metal angle-bar door frame, 44 mm profile (as the Small Angle-bar). Made of 1.2 mm sheet metal, zinccoated on both sides. Equipped with a closing seal.
- Door frame available in the left- and right-hand version, for placement on a finished floor surface.

Non-standard dimensions

| | |
|------------------------------------|---|
| Height with painted door frame | $H_s = \text{max. } 2080 \text{ mm, min. } 1300 \text{ mm}$ |
| Height with zinc-coated door frame | $H_s = \text{max. } 2080 \text{ mm, min. } 2030 \text{ mm}$ |
| Width | $S_s = \text{max. } 1162 \text{ mm, min. } 352 \text{ mm}$ |

Notes

- Metal BASIC door is made acc. to the investment standard (see the table of dimensions, p. 50).
- Metal BASIC door leaf can be made acc. to the investment standard and the Polish standard

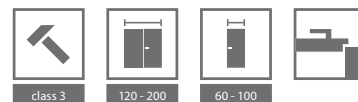
COLOURS

COATED SHEET ★★★★★☆**ZINC-COATED STEEL ★★★★★☆**

Porta KONTRAKT allows you to adapt the door to your individual needs.

Metal SOLID

AT-15-8081/2016, ITB WARSAW, HYGIENIC CERTIFICATE 55/322/58/2014



A broad range of applications at residential buildings and flats, intended for use also in heavy-duty conditions. High-quality paint finish available in any colour makes the product perfectly suited for specific needs of individual customers.



MODELS



Door leaf elements

- Door leaf (0,6 mm powder-coated sheet metal, zinc-coated)
- Two or three pintle hinges standard • Patented cylinder lock
- Transparent or mat tempered glass (models 1-5)

Accessories



- Ventilation grille • Sleeves • Handle with escutcheon (EDEL)

Door frames

- Angle-bar SMALL, Angle-bar LARGE, Angle-bar LARGE FOLDING door frame.
- ADJUSTABLE (standard), ADJUSTABLE PS „with sharp edges“ door frame

Non-standard dimensions



| | |
|--|------------------------------------|
| Height with painted door frame | H_s = max. 2430 mm, min. 530 mm |
| Height with laminated door frame | H_s = max. 2040 mm, min. 530 mm |
| Height with assembled stainless steel door frame | H_s = max. 2080 mm, min. 530 mm |
| Door leaf width (polyester paint) | S_s = max. 1244 mm, min. 344 mm |
| Door leaf width (PVC coated sheet metal) | S_s = maks. 1044 mm, min. 344 mm |
| Door leaf width (stainless steel) | S_s = maks. 1162 mm, min. 344 mm |

Supplementary costs

- Size „100“ (zinc-coated door leaves)
- Size „100“ (acid-proof steel door leaves)
- PVC-laminated door leaves (Golden Oak, Mahogany, Walnut)
- PVC-laminated door leaves (Anthracite)

- Ventilation sleeves or grille (zinc-coated leaves)
- Patented lock handle with escutcheon (EDEL)
- WC handle with escutcheon (EDEL)

COLOURS

ZINC-COATED STEEL ★★★★★☆



POLYESTER PAINT ★★★★★☆



PVC-LAMINATED STEEL SHEET ★★★★★☆

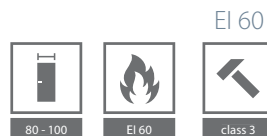
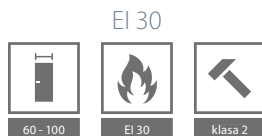


ACID-PROOF STEEL ★★★★★★



Porta KONTRAKT allows you to adapt the door to your individual needs.

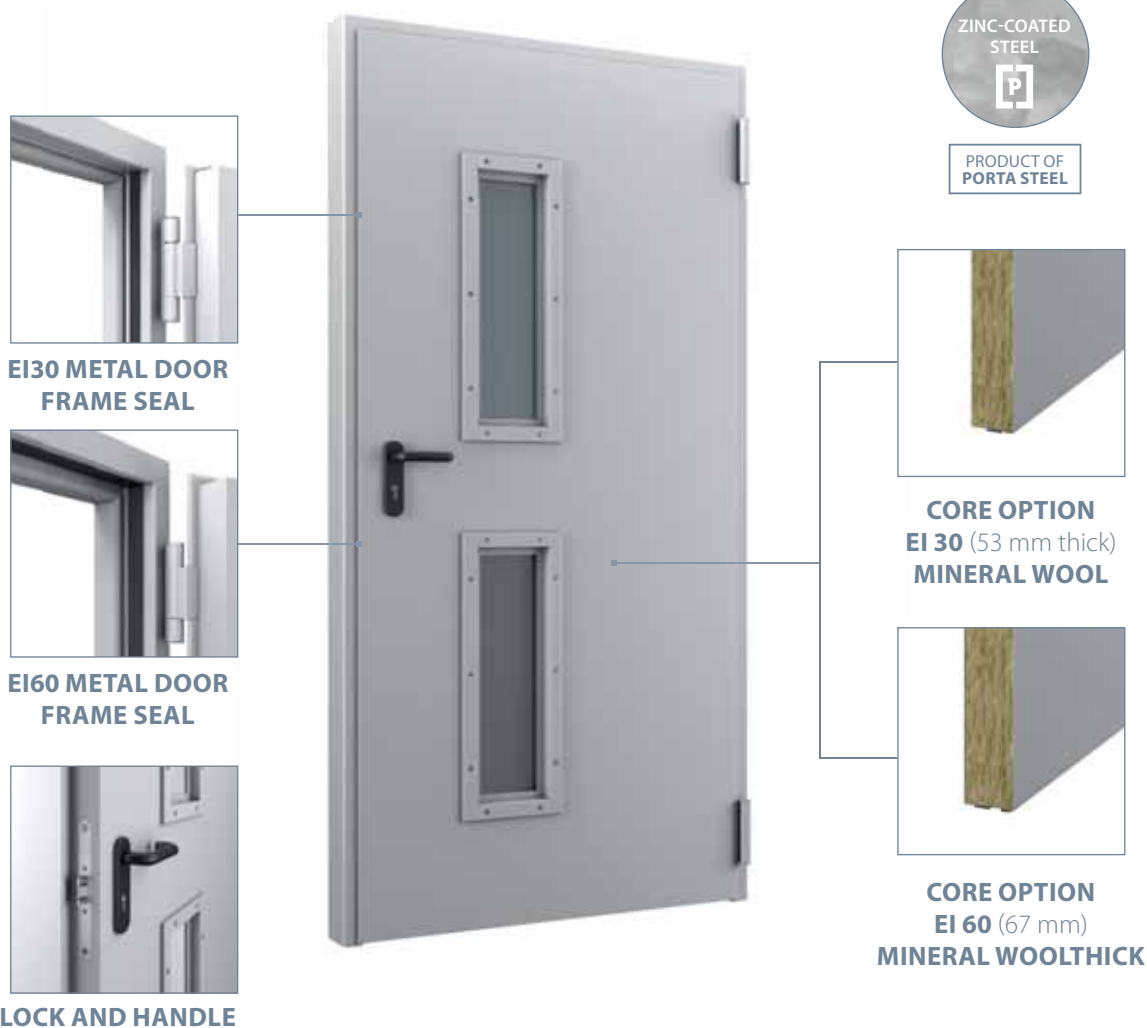
Metal EI 30, EI 60



TYPE 1 only

AT-15-7236/2016, ITB WARSAW, HYGIENIC CERTIFICATE 55/322/58/2014

Fire resistant door, available in two protection versions – fire resistance for 30 or 60 minutes, outdoor and indoor applications, in EI₂60 version with threshold, smoke proof and with Rw 37 dB acoustic insulation (type 1). Uncompromised protection where necessary!



MODELS



Door leaf elements

• **Door leaf** (0.8 mm galvanised sheet metal with painted coating) • **Door frame** (1.5 mm galvanised sheet metal with painted coating) • **Two steel bolted hinges**, including one spring-loaded • **Lock** for lock cylinder • **Set of handles with escutcheons** (separately ordered) • **TYPE 1 EI 60 metal door - smoke proof and Rw 37dB in a kit with threshold** in door frame, optional preparation for surface self-closer and eyehole

Accessories

• **Additional upper lock** for lock cylinder • **Anti-panic bars** possible in handle - handle and handle - anti-panic bar configurations
• **Additionally for EI 60:** • **ventilation grille** (door without smoke proofness parameter) • **Electric strikes:**
- **standard version** on the primary lock - **reversing action** on additional upper latch lock

Door frame included in the price

• **Metal angular door frame with profile width of 84 mm (EI30) and 110 mm (EI60)**, made of 1.5 mm steel sheet metal, hot galvanised on both sides. Provided with a closing seal and a swelling seal
• **Possible order of metal door frame in two versions:**
- directional door frame (in left- and right-hand version) for placement on finished floor surface
- level "0", a threshold for extra charge (EI 30 and EI 60)
- universal door frame - to be mounted in floor screed - level of "-30"
TYPE 1 - EI 60 metal, smoke proof and Rw 37 dB door - with threshold

Non-standard dimensions

| | |
|-------------|---|
| Metal EI 30 | $H_s = \text{max. } 2090 \text{ mm, min. } 1572 \text{ mm}$ |
| Metal EI 60 | $H_s = \text{max. } 2200 \text{ mm, min. } 1650 \text{ mm}$ |
| Metal EI 30 | $S_s = \text{max. } 1080 \text{ mm, min. } 570 \text{ mm}$ |
| Metal EI 60 | $S_s = \text{max. } 1116 \text{ mm, min. } 558 \text{ mm}$ |

Supplementary costs

- Size „100“ for metal door leaves (EI 60)
- Fire resistant eyehole
- Metal threshold (only for EI 30)
- Strengthening for additional self-closer

Notes

• For entrance doors: in glazed designs, it is necessary to apply window pane with special parameters - the price and lead time to be agreed with the Contract Department of the PORTA Company. A possibility to use an extended profile - up to 390 mm - the price and lead time to be agreed with the Contract Department of the PORTA Company.

COLOURS

POLYESTER PAINT ★★★★★☆

Porta KONTRAKT allows you to adapt the door to your individual needs.

EI 60 doors are available as two types:

Standard type:
60-minute fire resistance,
mechanical class 3

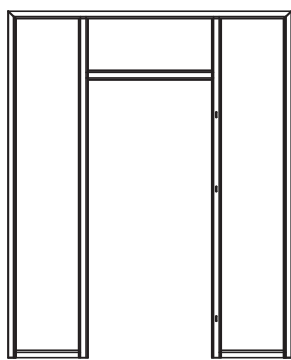
Type 1:
features of Standard type
doors, smoke resistance Sa, Sm

TRANSOMS

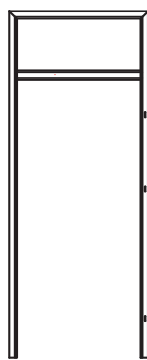


Transoms, made in the same profile system, perfectly complement the offer of metal door frames. The transoms enable - in a simple and functional way - to provide additional illumination to a room, separated by a wall, or to isolate rooms, while maintaining visual communication among them. Such solutions are found at office premises, hospitals and schools. The state-of-the-art machinery of the Porta Company enables production of metal transoms in various configurations, both as separate structures and combined with door frames. Combined transoms are available in one of the upper, lateral left and right transom variants or may be installed in all these variants together, i.e., as one assembly. Regarding the products, presented in this publication, the transom-door frame combinations are available for steel door leaves of Metal BASIC and Metal SOLID collections.

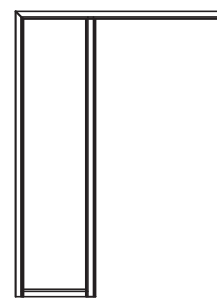
EXAMPLES OF OPTIONS



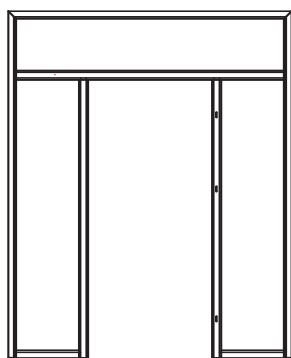
Upper and bilateral transom,
version 1



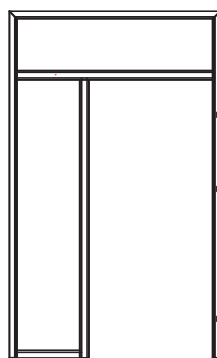
Upper transom



Lateral transom
(right / left)



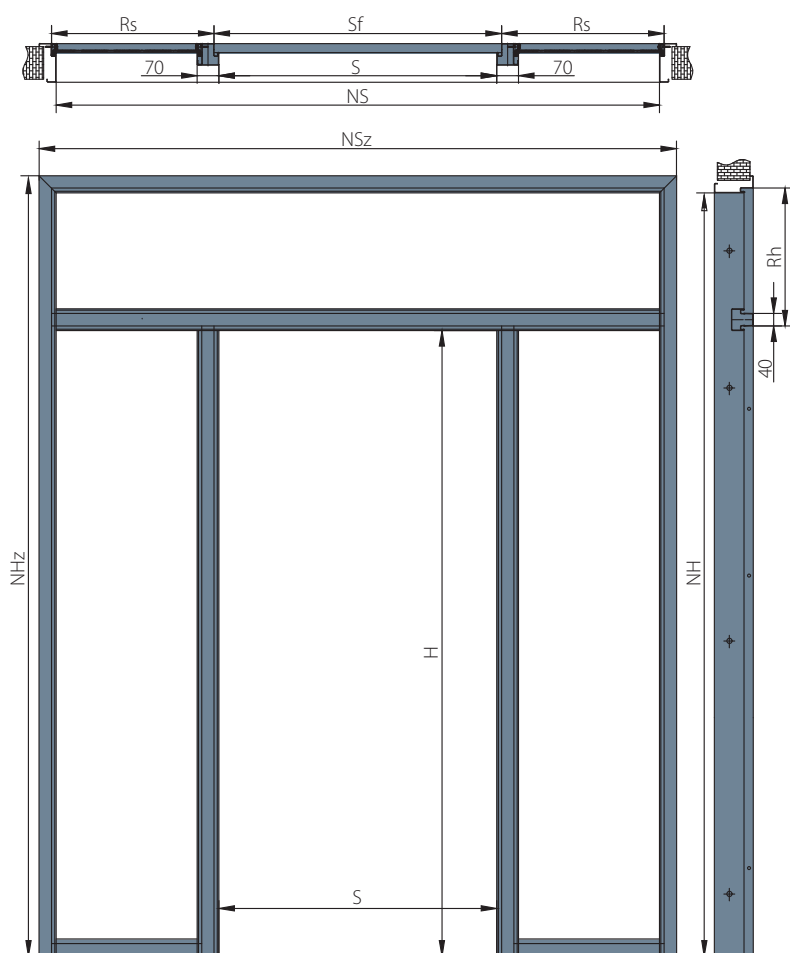
Upper and bilateral transom,
version 2



Upper and lateral transom,
one-sided (right / left)

Transom dimensional scopes (overall dimensions)

| | Min. width [mm] | Max. width [mm] | Min. height [mm] | Max. height. [mm] |
|-----------------------------------|--------------------|--------------------|---------------------|----------------------|
| Door frames for single-leaf doors | 950 | 2200 | 2070 | 3500 |
| Door frames for double-leaf doors | 950 | 2200 | 2070 | 3500 |



LEGEND

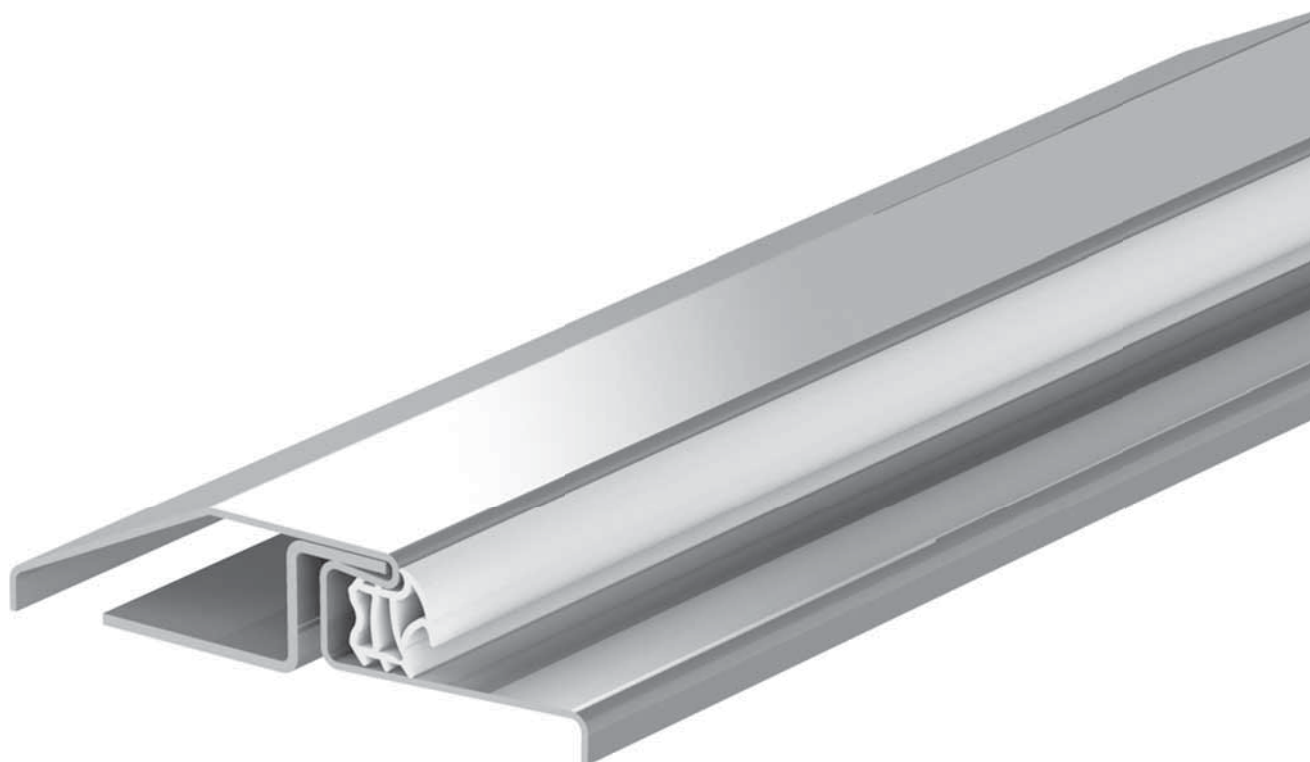
- H - height in door frame lumen
- NH - height in transom lumen
- NH_z - external transom height
- R_h - height extension (transom bar + glazing)
- S - width in door frame lumen
- S_f - width in door frame welt
- NS - width in lumen, together with lateral transom
- NS_z - external transom width
- R_s - width extension (transom bar + glazing)



THRESHOLDS



Stainless steel thresholds perfectly complement the offer of Porta doors. A rich offer of profiles is tailored to structures of door leaves and door frames, both wooden and metal. Simultaneously, the threshold itself is distinguished by high aesthetics, being an interesting element of interior design. The threshold enables to separate rooms in a simple and functional way, while ensuring better acoustic insulation vs. solutions without threshold. The state-of-the-art machinery of the Porta Company enables production of thresholds in various configurations, both for single- and double-leaf doors. Profile shapes are adapted to door leaves in rebated and non rebated versions. The threshold provides a natural completion of door frame and increases the functionality of the entire door assembly.

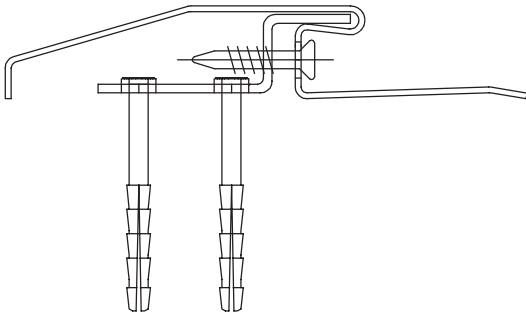


Threshold applications in PORTA doors

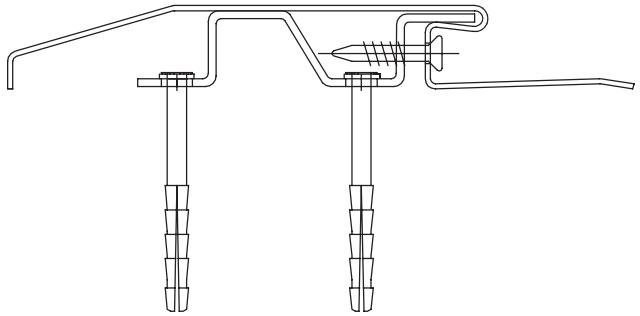
| Threshold version | Profile [mm] | Application | Proposed application |
|-------------------|--------------|----------------------------------|--|
| Indoor | 90 | entrance doors AGAT, OPAL, KWARC | metal doors, wooden and industrial doors |
| Indoor | 120 | entrance doors AGAT, OPAL, KWARC | metal doors, wooden and industrial doors |
| GRANIT | 120 | entrance doors GRANIT | |
| Metal EI 30 | 83,5 | EI 30 metal door | it is possible to match any door type |
| Metal EI 60 | 105 | EI 60 metal door | it is possible to match any door type |

 **ATTENTION!** Solution details to be agreed with the Contract Department of the Porta Company – structural changes may be necessary in selected threshold profile.

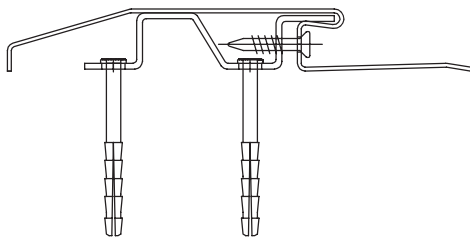
THRESHOLD TYPES



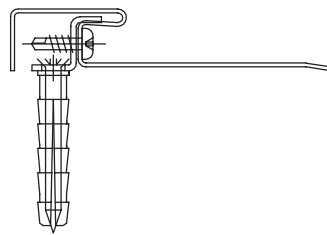
90 mm,
internal doors



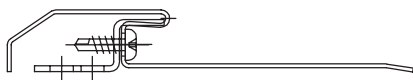
120 mm,
internal doors



120 mm,
GRANIT



83,5 mm,
Metal EI 30



105 mm,
Metal EI 60

ATTENTION! Every threshold has got a seal, masking the assembly of its components.

PANELS



Stainless steel panels, mounted on door leaf surfaces, perfectly complement the offer of Porta doors. Depending on version, the panels may be used as door leaf protection in its lower part, which is most often exposed to contact(s) with users, as well as in the upper region of the lock. A rich offer of panels includes versions which provide air exchange through holes in ventilation grilles, sleeves or integrated ventilation panels. The state-of-the-art machinery of the Porta Company enables broad matching of panel sizes and their integration with any accessories which can be mounted on the door. It is very important, taking into account the broad scope of door applications, including investments at office buildings, hospitals, schools and hotels, as well as in other objects where the customer needs additional door surface protection for the character of given environment.

PROTECTION PANELS



Kick-panel



Ventilation panel



Push-panel



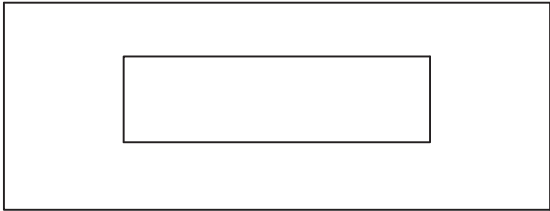
Panel applications in PORTA doors

| Sheet metal type | Thickness [mm] | Application | Proposed application K |
|-------------------------------|----------------|-------------|--|
| 1.4301 (V2A) acc. to EN 10088 | 0,6 | ENDURO door | metal doors, wooden and industrial doors |
| 1.4404 (V4A) acc. to EN 10088 | 0,8 | AQUA door | metal doors, wooden and industrial doors |

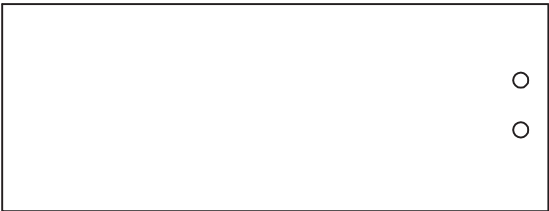
PROTECTION PANEL TYPES



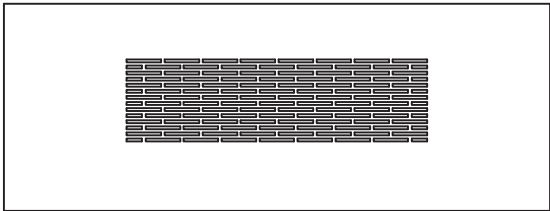
Kick-panel



Kick-panel (ventilation grille)



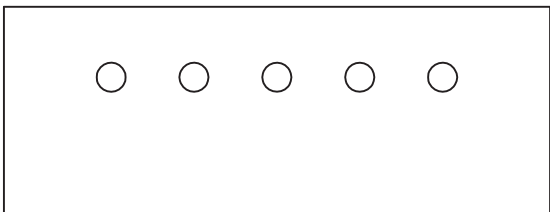
Push-panel (WC lock)



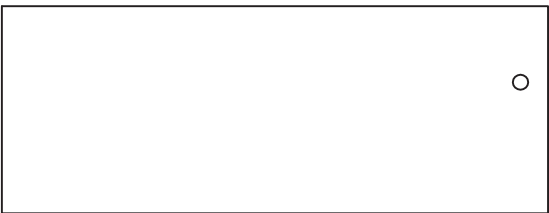
Ventilation panel



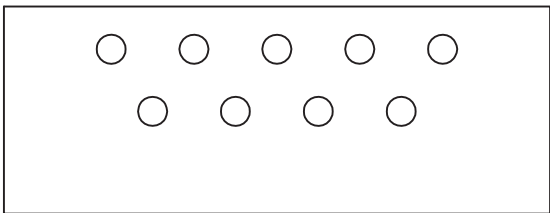
Push-panel (patented lock)



Kick-panel with holes for sleeves
(1 row)



Push-panel (handle only)



Kick-panel with holes for sleeves
(2 rows)



Push-panel (key only)



Kick-panel for door leaf in pendu-
lum version

ACCESORIES FOR INTERNAL DOORS

HINGE EXAMPLES



Seat for type V hinges



ELECTRIC STRIKE FOR SINGLE-LEAF DOORS



Electric strike to support the primary lock

SELF-CLOSERS



Surface arm self-closer



Surface rail self-closer

STAINLESS STEEL PORTHOLE



Stainless steel porthole
Internal diameter of 250 mm for „60“ i „70“ door leaves
and 300 mm for other versions

ELECTROMAGNETIC HOLDER



Wall element



Assembly in unlocked condition



Assembly in locked condition



VENTILATION AND PROTECTION PANELS



Fire resistant grille, powder coated
(manufacturer: Lorient)



Stainless steel grille
(manufacturer: Porta)

ELECTRIC JUMPER



Electric jumper

SEMI-AUTOMATIC FLUSH BOLT



Unlocked assembly



Locked assembly

LOCKS



Primary lock



Roller lock



Upper lock for lock cylinder



Economy lock

ANTI-PANIC LOCKS



Single leaf assembly
(version with handle)

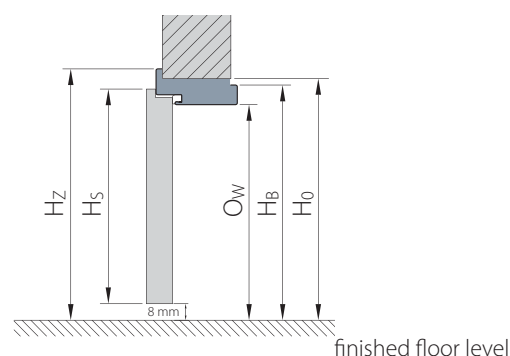
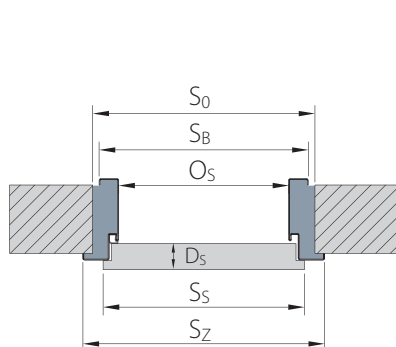


Double-leaf assembly
(version with lever)

Anti-panic function B - the interior handle with classical panic function opens the lock regardless of its closure state; the exterior handle is connected (unbolted lock) or disconnected (bolted lock) mechanically depending on the needs. The coupling of two handles is provided by a divided spindle. The coupling of both handles is ensured by divided spindle. Application: in emergency exit doors of public utility buildings.

INTERNAL

EXPLANATION OF SYMBOLS



LEGEND OF DIMENSIONS

| | |
|-----------|---|
| S_S | total leaf width, including rebates |
| H_S | total leaf height, including rebate |
| D_S | thickness of door leaf |
| S_0 | width of wall opening ready for door frame setting |
| H_0 | height of wall opening ready for door frame setting, measured from the finished floor level |
| O_S | clear width of the door frame |
| O_W | clear height of the door frame (for the doors with athreshold the height of threshold is deducted for this dimension) |
| S_B | width of door frame, door trims exclude |
| H_B | height of door frame, door trims excluded |
| S_Z | total width of door frame, including door trims |
| H_Z | total height of door frame, including door trims |
| $T_{S/W}$ | permissible deviation from width/height of wall opening |

TABLES WITH DIMENSIONS

INDUSTRIAL DOORS

| DOORS | SIZE | S_S | H_S | D_S | S_0 | H_0 | O_S | O_W | S_B | H_B | $S_Z(6)$ | $S_Z(8)$ | H_Z | $T_{S/W}$ |
|---|------|-------|-------|-------|-------|-------|-------|--------|-------|-------|----------|----------|-------|------------------|
| Metal EI 30 | 60 | 700 | 2040 | 53 | 695 | 2065 | 640 | 2037** | 673 | 2053 | 730 | – | 2080 | $\pm 10 / \pm 5$ |
| | 70 | 800 | | | 795 | | 740 | | 773 | | 830 | – | | |
| | 80 | 900 | | | 895 | | 840 | | 873 | | 930 | – | | |
| | 90 | 1000 | | | 995 | | 940 | | 973 | | 1030 | – | | |
| | 100 | 1080 | | | 1075 | | 1020 | | 1053 | | 1110 | – | | |
| Metal EI 60 | 80 | 916 | 2060 | 67 | 930 | 2075 | 841 | 2029** | 911 | 2074 | 977 | – | 2097 | $\pm 10 / \pm 5$ |
| | 90 | 1016 | | | 1030 | | 941 | | 1011 | | 1077 | – | | |
| | 100 | 1116 | | | 1130 | | 1041 | | 1111 | | 1177 | – | | |
| Universal doors for utility rooms | 70 | 715 | 2017 | 40 * | 760 | 2050 | 700 | 2018 | 739 | 2038 | 796 | – | 2066 | $\pm 10 / \pm 5$ |
| | 80 | 815 | | | 860 | | 800 | | 839 | | 896 | – | | |
| | 90 | 915 | | | 960 | | 900 | | 939 | | 996 | – | | |
| Metal BASIC with SMALL angle-bar door frame | 80 | 852 | 2030 | 40 | 860 | 2045 | 804 | 2016 | 837 | 2033 | 894 | – | 2061 | $\pm 10 / \pm 5$ |
| | 90 | 952 | | | 960 | | 904 | | 937 | | 994 | – | | |
| | 100 | 1052 | | | 1060 | | 1004 | | 1037 | | 1094 | – | | |

* Door leaf thickness, measured on vertical edges (door leaf without core, opened from the closing side).

** The application of metal threshold will reduce the specified dimension by 16 mm.

ENTRANCE DOOR

| DOORS | SIZE | S_S | H_S | D_S | S_0 | H_0 | O_S | O_W | S_B | H_B | S_Z | H_Z | $T_{S/W}$ |
|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| Steel SAFE RC2 Steel SAFE RC3 | 80 | 868 | 2037 | 54 | 900 | 2065 | 820 | 2023* | 880 | 2053 | 930 | 2078 | $\pm 10 / \pm 5$ |
| | 90 | 968 | | | 1000 | | 920 | | 980 | | 1030 | | |
| | 100 | 1068 | | | 1100 | | 1020 | | 1080 | | 1130 | | |
| Steel SAFE RC2 THERMO Steel SAFE RC3 THERMO | 80 | 868 | 2037 | 54 | 900 | 2065 | 822 | 2023* | 882 | 2053 | 932 | 2078 | $\pm 10 / \pm 5$ |
| | 90 | 968 | | | 1000 | | 922 | | 982 | | 1032 | | |
| | 100 | 1068 | | | 1100 | | 1022 | | 1082 | | 1132 | | |
| Steel ENERGY PROTECT | 80 | 868 | 2037 | 66 | 900 | 2065 | 822 | 2023* | 882 | 2053 | 932 | 2078 | $\pm 10 / \pm 5$ |
| | 90 | 968 | | | 1000 | | 922 | | 982 | | 1032 | | |
| | 100 | 1068 | | | 1100 | | 1022 | | 1082 | | 1132 | | |
| Steel ARCTIC PASSIVE | 80 | 868 | 2049 | 56 | 940 | 2099 | 820 | 2002 | 920 | 2089 | 924 | 2091 | $\pm 10 / \pm 5$ |
| | 90 | 968 | | | 1040 | | 920 | | 1020 | | 1024 | | |
| | 100 | 1068 | | | 1140 | | 1020 | | 1120 | | 1124 | | |

* The application of metal threshold will reduce the specified O_W dimension by 16 mm.

METAL DOOR FRAMES

| DOOR FRAME TYPE | SIZE | S _s | H _s | D _s | S ₀ | H ₀ | O _s | O _w ** | S _B | H _B | S _Z | H _Z | T _{SW} |
|--|------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|-----------------|
| with SMALL ANGULAR door frame | 60 | 644 | 2030 | 40 | 650 | 2045 | 596 | 2016 | 629 | 2033 | 686 | 2061 | ±10 / ±5 |
| | 70 | 744 | | | 750 | | 696 | | 729 | | 786 | | |
| | 80* | 844 | | | 850 | | 796 | | 829 | | 886 | | |
| | 90* | 944 | | | 950 | | 896 | | 929 | | 986 | | |
| | 100 | 1044 | | | 1050 | | 996 | | 1029 | | 1086 | | |
| with door frames: LARGE ANGULAR for brick walls AND LARGE ANGULAR ASSEMBLED of stainless steel | 60 | 644 | 2030 | 40 | 675 | 2055 | 596 | 2016 | 656 | 2046 | 686 | 2061 | ±10 / ±5 |
| | 70 | 744 | | | 775 | | 696 | | 756 | | 786 | | |
| | 80* | 844 | | | 875 | | 796 | | 856 | | 886 | | |
| | 90* | 944 | | | 975 | | 896 | | 956 | | 986 | | |
| | 100 | 1044 | | | 1075 | | 996 | | 1056 | | 1086 | | |
| | 110 | 1144 | | | 1175 | | 1096 | | 1156 | | 1186 | | |
| with LARGE ANGULAR ASSEMBLED door frame in PVC finish | 60 | 644 | 2030 | 40 | 675 | 2055 | 596 | 2016 | 656 | 2046 | 706 | 2071 | ±10 / ±5 |
| | 70 | 744 | | | 775 | | 696 | | 756 | | 806 | | |
| | 80* | 844 | | | 875 | | 796 | | 856 | | 906 | | |
| | 90* | 944 | | | 975 | | 896 | | 956 | | 1006 | | |
| | 100 | 1044 | | | 1075 | | 996 | | 1056 | | 1106 | | |
| | 110 | 1144 | | | 1175 | | 1096 | | 1156 | | 1206 | | |
| with LARGE ANGULAR door frame for plasterboard walls | 60 | 644 | 2030 | 40 | 680 | 2055 | 596 | 2016 | 656 | 2046 | 686 | 2061 | +10 / +5 |
| | 70 | 744 | | | 780 | | 696 | | 756 | | 786 | | |
| | 80* | 844 | | | 880 | | 796 | | 856 | | 886 | | |
| | 90* | 944 | | | 980 | | 896 | | 956 | | 986 | | |
| | 100 | 1044 | | | 1080 | | 996 | | 1056 | | 1086 | | |
| | 110 | 1144 | | | 1180 | | 1096 | | 1156 | | 1186 | | |
| with ADJUSTABLE door frame | 60 | 644 | 2030 | 40 | 700 | 2070 | 596 | 2016 | 680 | 2058 | 716 | 2076 | -10 / -5 |
| | 70 | 744 | | | 800 | | 696 | | 780 | | 816 | | |
| | 80* | 844 | | | 900 | | 796 | | 880 | | 916 | | |
| | 90* | 944 | | | 1000 | | 896 | | 980 | | 1016 | | |
| | 100 | 1044 | | | 1100 | | 996 | | 1080 | | 1116 | | |
| | 110 | 1144 | | | 1200 | | 1096 | | 1180 | | 1216 | | |
| with ADJUSTABLE door frame (PS "for edge") | 60 | 644 | 2030 | 40 | 700 | 2070 | 596 | 2016 | 679 | 2058 | 736 | 2086 | -10/-5 |
| | 70 | 744 | | | 800 | | 696 | | 779 | | 836 | | |
| | 80* | 844 | | | 900 | | 796 | | 879 | | 936 | | |
| | 90* | 944 | | | 1000 | | 896 | | 979 | | 1036 | | |
| | 100 | 1044 | | | 1100 | | 996 | | 1079 | | 1136 | | |

* Orders acc. to the investment standard (passage lumen of 800, 900 mm) – available as standard – without extra charge (investment standard 8 mm should be added to S_y).

Please, remember also to properly select the size of door leaves, dedicated to the assembly.

** The application of metal threshold will reduce the specified dimension by 16 mm.

COMMENTS:

- Dimension tolerance acc. to PN: up to 1 m: ± 1 mm, above 1 m: ± 2 mm.
- In order to obtain S₀ dimension for double leaf door, it is necessary:
 - a) for rebated door leaves: up to S₀ dimension, provided in Table 1 for single door leaf (rebated), add S_s dimension of the second door leaf (rebated) or of a (rebated) side panel – it applies to the assembly with the Porta SYSTEM door frame for rebated door leaves: to S₀ dimension, specified in Table 1 for single door leaf (rebated), add S_s dimension of the second door leaf (rebated) or of a side panel (rebated) and reduce the obtained value additionally by 10 mm – it applies to options with the other door frames.
 - b) for non rebated door leaves: to S₀ dimension, specified in Table 1 for single door leaf (non rebated), add S_s dimension of the second door leaf (non rebated) or of side panel (non rebated), increased by 16 mm.
- Side panels for rebated doors, available in natural finish, are offered in "40" size, where S_s=444, H_s=2030.
- The door frames are designed to be mounted on finished floor. In case of metal door frames, it is possible to order their longer version (by 30 mm) to be mounted in the floor screed. Then, the specified H_B and H_Z dimensions should be increased by 30 mm ("30" level).
- The door leaf dimension, specified in the table for internal door leaves, applies to both rebated and sliding leaf versions.
- Porta SYSTEM integrated with upper transom, dimensions: H_y, H_B and H_Z +302 mm.
- Using the PROJEKT door frame, enlarge the hole in brick wall S₀ by 25 mm and the height H₀ by 15 mm (the tolerance or results ±10 mm / ±5 mm).

PORTA'S COMPREHENSIVE OFFER

A wide selection of Porta doors allows you to choose the right product according to both the customer's taste and needs. We continuously follow the trends in design, to make our offer valid and attractive. We make sure that the product colours meet the customer's tastes. At the same time we pay attention to detail, which is why Porta is a brand that combines functional solutions with high quality.



INTERIOR DOORS in synthetic veneers

We offer a wide range of door designs and veneers for houses, apartments, lofts and offices. Both lovers of classic designs as well as people interested in the latest trends will find a product meeting their needs in our offer.



INTERIOR DOORS in natural veneers

For the lovers of good taste, impressive and elegant solutions, we have prepared a collection of doors in natural veneers. Here you can find both traditional and modern doors.



INTERIOR ENTRANCE DOORS

Porta interior entrance doors are available as reinforced doors, fireproof doors and burglarproof doors. It is worth mentioning that the entrance doors have the same colour scheme as the doors to the rooms. Therefore, it is easy to match the colour of the entrance door to the doors inside the apartment.



EXTERIOR ENTRANCE DOORS

Exterior doors complement the style of the building, as well as provide protection against noise, cold and moisture. Porta doors have exceptional thermal insulation properties, which combined with the use of effective anti-theft solutions ensure a sense of security and comfort.



TECHNICAL DOORS

Technical doors are an indispensable complement to the series of doors used in public buildings, shopping malls, cinemas, etc. Such doors can also be found in use in residential houses. A wide range of Porta technical doors allows to meet all the requirements of the building in the area of fire protection and sound insulation.



STEEL DOORS

The use of high-quality galvanised and acid-proof steel allows us to offer doors resistant to weather conditions and aggressive environments in laboratories, swimming pools, etc.

Steel doors are perfect for technical areas of commercial buildings, garages, basements and areas with increased hygienic requirements.



DOOR FRAMES, TRANSOMS

A wide range of Porta door frames, both steel and wooden, makes it possible to match the parameters and properties that meet all the expectations of the designer or user. The same type and colour of the veneer as the door leaf allows us to offer a complete door set with uniform visual and functional parameters.



PANELS, BUILT-IN FURNITURE

Continuously growing interest in door portals and all kinds of built-in furniture was reflected in Porta's product offer. We offer wall panels made of panels with a properly chosen thickness and any size, veneered with the same veneer as the door. This allows us to create complex, visually uniform built-in furniture in the immediate surroundings of the door.

ADAPT INTERNAL DOORS TO FIT YOUR NEEDS

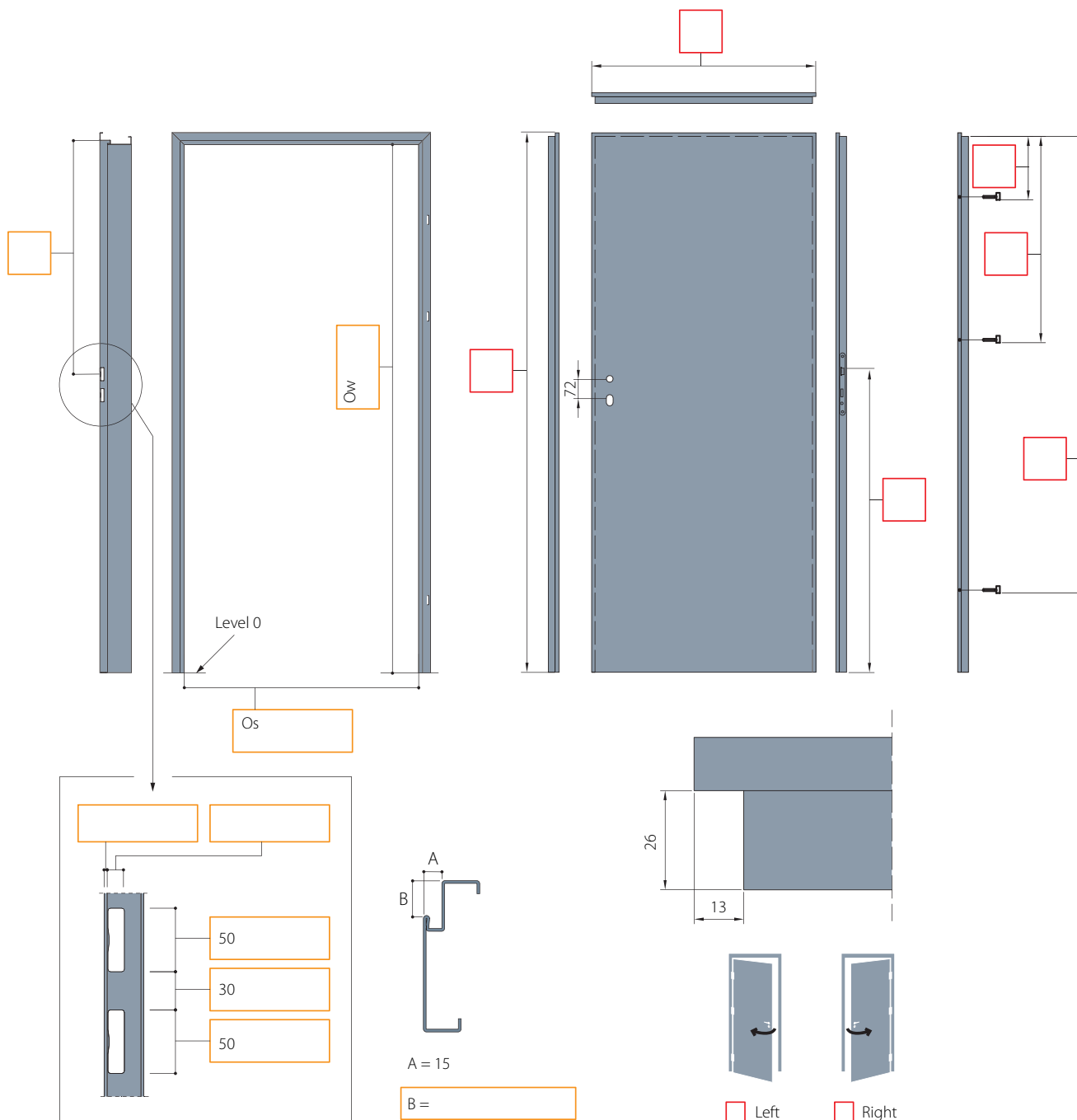
① DOOR FRAME FITTING TO EXISTING DOOR LEAF

OR

② DOOR LEAF FITTING

OR

③ DOOR FITTING TO THE HOLE IN BRICK WALL (Specify Ho, So)



Additional Information:

Ow - height in door frame lumen (measured from the level of finished floor)

Os - width in door frame lumen

Ho - height of brick wall opening ready for door frame setting (measured from the level of finished floor)

So - width of brick wall opening ready for door frame setting

K The processing of orders beyond standard offer is carried out by the dedicated Contract Department



A set consisting of the stainless steel door frame and the stainless steel door leaf used in a medical laboratory.

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