

STEEL DOORS



WIŚNIEWSKI

GATES | WINDOWS | DOORS | FENCES

SEAMLESS STEEL DOORS - UTILITY

Intended use: Seamless steel doors for technical rooms and storage units are an excellent solution for multi-family residential buildings, office and healthcare facilities, industrial sites, tourism infrastructure, or technical areas of residential buildings such as boiler rooms or basements.

Thanks to the universal cut-outs in the opening frame, the door can be installed as either left- or right-hand one.

DURABILITY

With state-of-the-art technological solutions combined with materials of the highest class, we get doors with a rigid and durable structure resistant to physical factors and the weather.

UNIVERSAL INSTALLATION

The specially designed structure allows the opening direction to be selected during installation and even changed later if needed.



UTILITY

DOORS FOR TECHNICAL
ROOM AND STORAGE
UNITS



CHARACTERISTICS

General overview

The UTILITY single-leaf internal doors consist of a steel opening frame made of 0.75 [mm] thick galvanized steel sheet with a depth of 60 [mm] and a 40 [mm] thick leaf made from a single galvanized steel sheet, properly shaped and reinforced with steel sheet panels riveted to the leaf.

The doors are available in versions made of galvanized sheet, galvanized sheet coated in one of four standard colours, or powder-coated galvanized sheet.

Special gaskets ensure quiet closing and user comfort. Thanks to specially designed hinges, the doors offer a universal opening direction. They can be installed with the coated side of the leaf facing outward or inward, and as either a left- or right-hand door.

Detailed information

UTILITY single-leaf seamless steel door.

- The leafs of the UTILITY single-leaf solid steel doors are made from 0.75 [mm] thick galvanized steel sheet, 0.75 [mm] galvanized steel sheet with a polyester coating, or 0.75 [mm] thick powder-coated galvanized steel sheet.
- The door leaf is flush-mounted, which – together with a specially designed hinge – ensures a universal opening direction and allows the coated side of the leaf to be installed either on the inside or the outside.
- The opening frames are made from steel sections formed from 0.75 [mm] thick galvanized steel sheet, 0.75 [mm] thick coated galvanized sheet, or 0.75 [mm] thick powder-coated galvanized sheet.
- The frame posts are joined using rivets. The door leafs are installed in the frame on two hinges mounted to the door leaf and the opening frame.
- The holes for screwing in the hinges and for locking are prepared on both sides of the opening frame, so it can be decided during installation whether the door is to have a left or right swing direction. The swing direction can also be changed already during use without the need to remove the opening frame.
- The rebate gasket is made of EPDM and set along the perimeter of the opening frame in the posts and lintel.

VIEWS, DOOR CROSS-SECTIONS

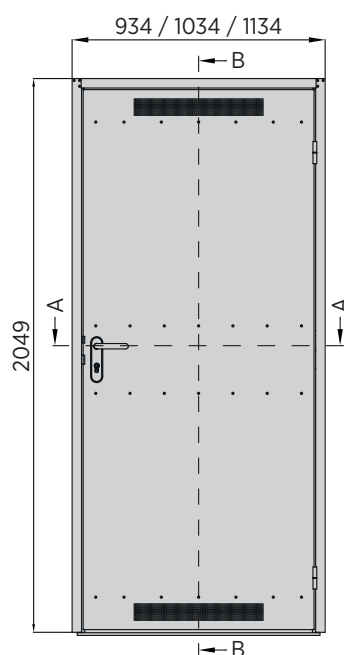


Fig. 1. UTILITY doors for technical rooms

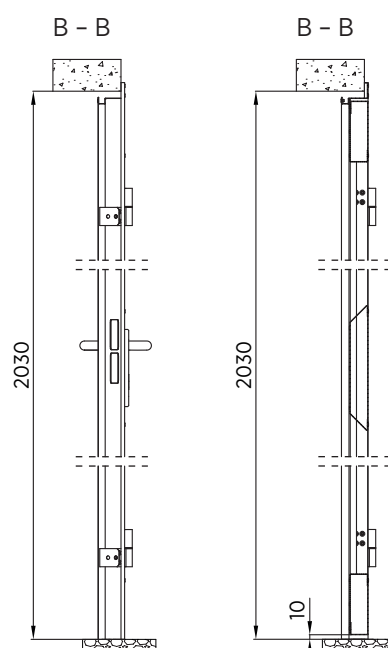


Fig. 2. Vertical cross-section of the UTILITY steel door for technical rooms with a corner frame

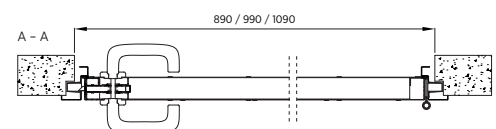


Fig. 3. Horizontal cross-section of the UTILITY steel door for technical rooms with a corner frame



DOOR DIMENSIONS

According to the Polish construction regulations, entrance doors of buildings, general-access utility rooms, and apartments shall have minimum clear passage dimensions of 900 x 2,000 [mm], however, the precise values should be defined in the construction design. The clear passage dimensions of the door leaf are defined for a door with the leaf open at 90° (without the door handle). Any door that fails to meet these dimensional requirements is ordered at the sole responsibility of the customer.

The UTILITY doors are available in standard dimensions:

- door (opening frame) widths available for order within the range: 890 ÷ 1,090 [mm],
- door (opening frame) height available for order: 2,030 [mm].

Dimensions of standard single-leaf doors with a corner frame	
Clear wall opening dimension (So x Ho), [mm]	Clear passage dimension (Sj x Hj), [mm]
890 x 2,030	800 x 2,000
990 x 2,030	900 x 2,000
1,090 x 2,030	1,000 x 2,000

DIMENSIONING

Ordering and installation dimensions

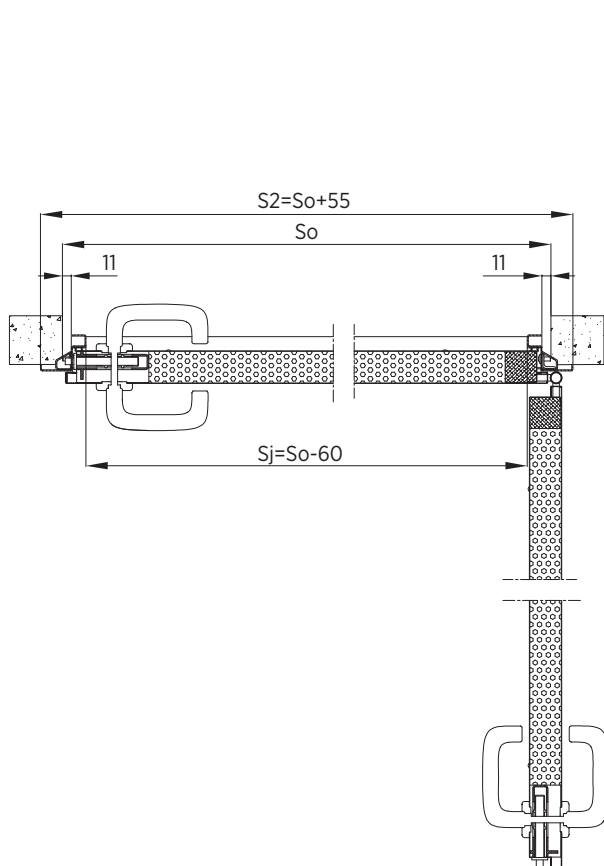


Fig. 4. Installation of the UTILITY door with a corner frame
- horizontal cross-section.

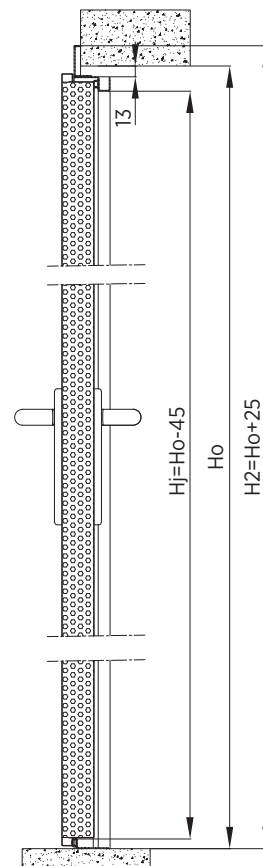


Fig. 5. Installation of the UTILITY door with a corner frame
- vertical cross-section.

Determining the clear wall opening dimensions depending on the opening frame type.

Corner frame - internal single-leaf door

Width: clear passage dimension + 90 [mm] = clear wall opening dimension.
Height: clear passage dimension + 30 [mm] = clear wall opening dimension.

The installation clearances listed above do not include the space required for the covers of the lock latch, anti-burglary bolts, recesses for anchors, and pockets of hinges, and other elements which require spot recesses to be cut out in the wall.

If spot recesses cannot be cut out (e.g. the door is fixed to a steel structure), increase the installation opening width by 45 [mm].



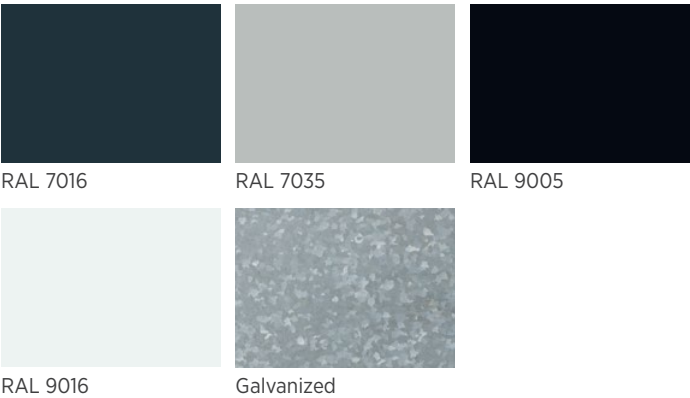
DOCUMENTS CERTIFYING MARKETING APPROVAL

PN-EN 14351-1+A1:2010 Windows and doors. Product standard. Part 1: Products without fire resistance or smoke control characteristics – external doors.
Declaration no.: 1433/CPR/2023.

COLOURS

	
Leaf	Opening frame
made of galvanized sheet	made of galvanized steel section
made of steel sheet with polyester coating in the RAL 7016 colour (Anthracite Grey) and a layer of protective film	made of steel section, powder-coated in the RAL 7016 colour (Anthracite Grey)
made of steel sheet with polyester coating in the RAL 7035 colour (Light Grey) and a layer of protective film	made of steel section, powder-coated in the RAL 7035 colour (Light Grey)
made of steel sheet with polyester coating in the RAL 9005 colour (Black) and a layer of protective film	made of steel section, powder-coated in the RAL 9005 colour (Black)
made of steel sheet with polyester coating in the RAL 9016 colour (White) and a layer of protective film	made of steel section, powder-coated in the RAL 9016 colour (White)

UTILITY door colours:



Please note: The colours presented in this publication are for reference only.

ACCESSORIES

Handles



Fig. 6. Plastic handle – standard.

The standard handles are made of plastic and without a reinforced cover plate. The handle grip and the cover plate are made of polypropylene. The standard door handles are available in black and come with a universal multi-purpose tool.

Steel opening frames

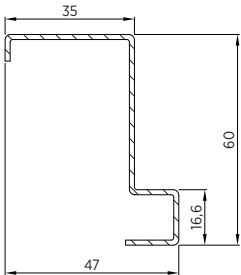


Fig. 7. Corner frame – standard.

As standard, the UTILITY seamless steel doors have corner frames.



WORKMANSHIP STANDARD



Mortise lever lock



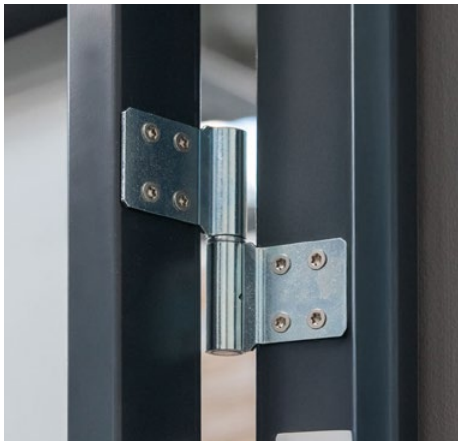
Top leaf reinforcement



Handle in black



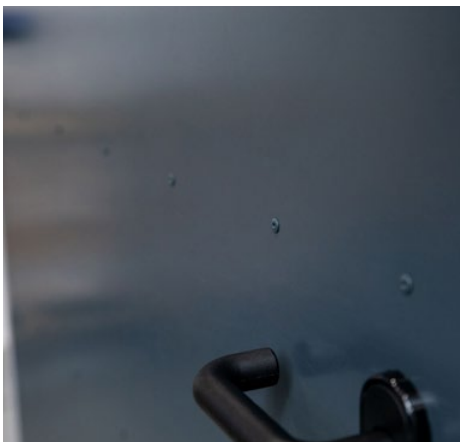
Bottom leaf reinforcement



Hinge



Riveted opening frame joints



Riveted leaf reinforcement

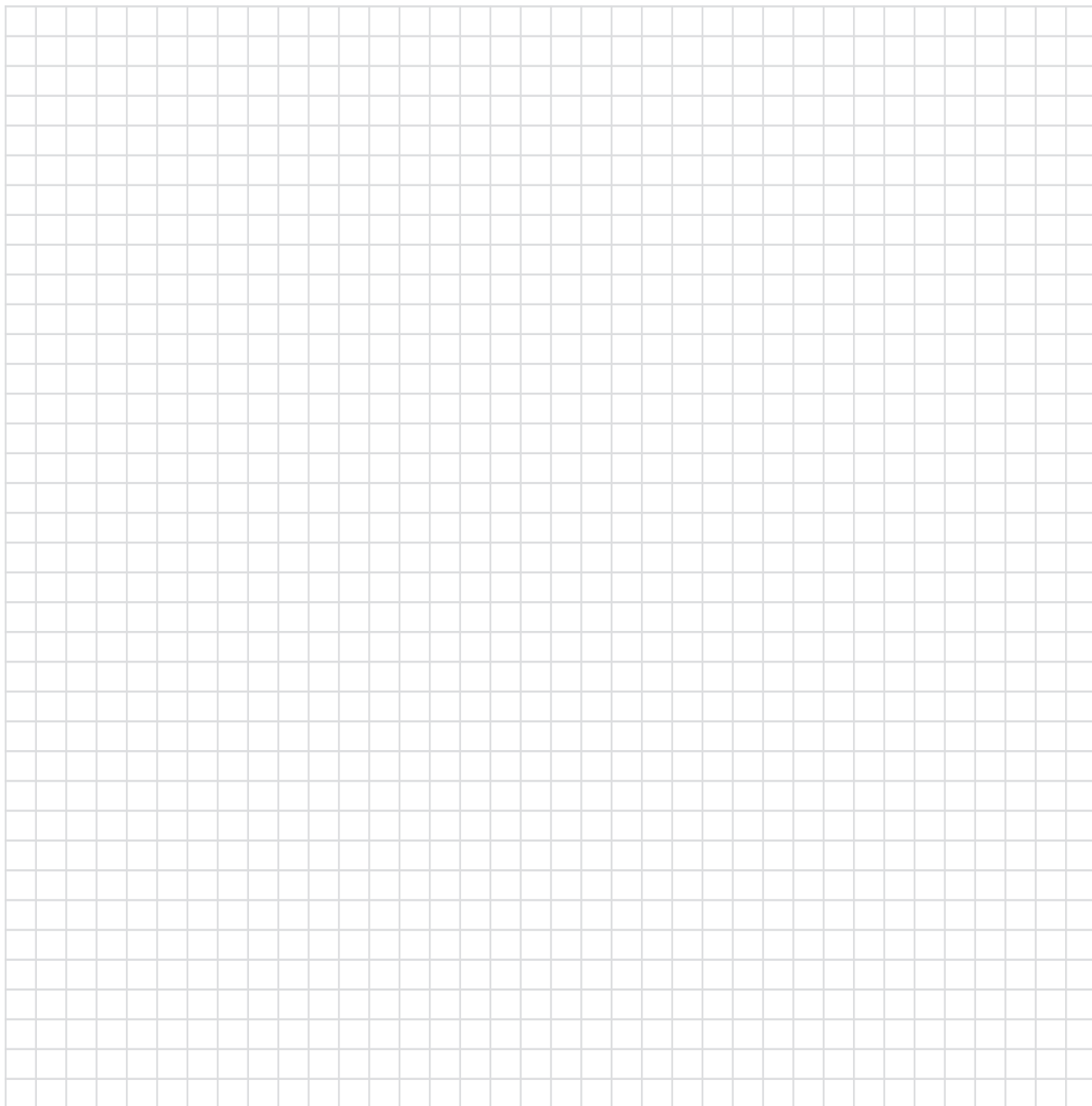


Inner side of the leaf



EXAMPLES OF COMPLETED PROJECTS





WIŚNIEWSKI

WIŚNIEWSKI Sp. z o.o. S.K.A.
PL 33-311 Wielogłowy 153
tel. +48 18 44 77 111

www.wisniowski.com

Let us inspire you!
See other solutions from WIŚNIEWSKI!



The products shown in this publication often feature special accessories and do not always correspond to their standard versions • The technical data sheet does not constitute an offer within the meaning of the Polish Civil Code • The manufacturer reserves the right to introduce changes without notice • NOTE: The colours shown in the technical data sheet are for reference only • All rights reserved • Copying and use, in part or in full, is prohibited without the consent of WIŚNIEWSKI Sp. z o.o. S.K.A. • UTILITY /11.25/EN