



ACCESS PANELS

Product catalogue



ADVANCED ACCESS PANELS

FF SYSTEMS - AROUND THE WORLD



 **POLAND**
FF Systems Sp. z o.o.

 **SLOVAKIA**
FF Systems, s. r. o.

 **GERMANY**
FF Systems GmbH

 **ITALY**
FF Systems S.r.l.

 **FRANCE**
FF Systems GmbH

 **SPAIN**
FF Systems S.L.



FF SYSTEMS - THE COMPANY

THE COMPANY

Founded as FF Systembau in 1991 in Germany, the company specialized in the production of inspection systems for all kinds of applications, soon becoming a leader in this field.

The German headquarters, located not far from Munich, today occupies an area of over 5,000 m² and serves as the central hub of a group that has expanded its mission worldwide.

The Italian branch was established in 2005 in the province of Milan, with a sales office always attentive to customer needs, a warehouse increasingly well stocked with products, and a precise, fast, and highly qualified technical and production department.

After more than 10 years of activity, the Italian branch moved to Busto Arsizio (VA) and became FF Systems Italia, highlighting through its name an increasingly international identity.



COMPANY POLICY

Quality, Functionality, Safety — these are the words that reflect our approach to product design.

Constant investment in our products is always the foundation of our corporate philosophy, where each of our collaborators feels fully responsible for their work, ensuring that our efficiency begins with the arrival of raw materials and does not end with product delivery, because even afterward we are ready to provide every kind of technical support.

MISSION

Customer satisfaction!

This is our mission every minute of our work. Through professionalism and dedication, we strive to build a customer-supplier relationship that goes beyond the simple sale of a product.

Our goal is to establish a business partnership capable of meeting every market need.

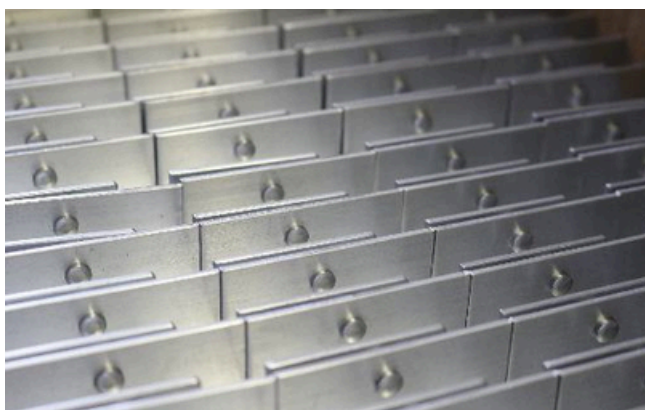
PRODUCT RANGE

Extensive and innovative, that's how we want our product range to be!

From the simplest access panel to our exclusive fire-rated systems, including large-scale inspection hatches and panels with various finishes such as MDF, PLEXIGLASS, CONCRETE, FIBER GYPSUM, and much more.

Do not hesitate to contact us for any of your needs; we are ready and available to offer you tailored solutions for every requirement!

With us, to look beyond.



OUR CONTACTS

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**CUSTOMER QUOTATION
REQUESTS**
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customerservice@ffsystems.it

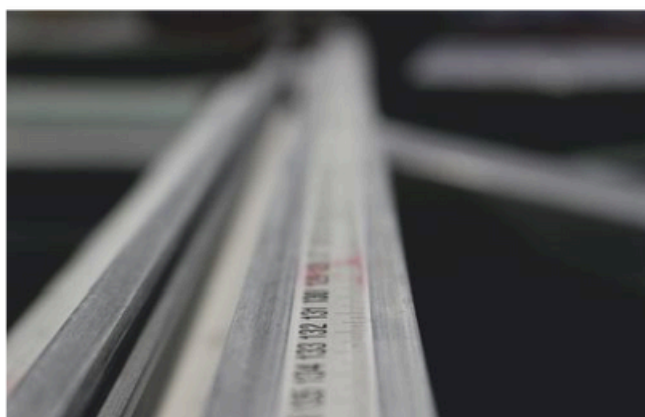
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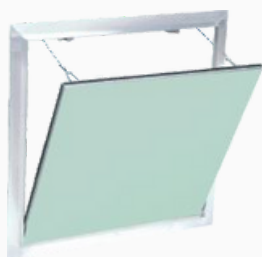
Access panel non-removable
System F1

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Access panel removable
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**Access panel
“airtight and dust-
proof”**
System F2 AKL

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**Access panel for
tiling**
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Jumbo door
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PARTICULAR SYSTEMS



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OUTDOOR SYSTEMS FOR BRICK WALLS



Access panel for exterior with metal surface

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Access panel for outdoor

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Access panel for brick walls - large size

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**Access panel with
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**Access panel with
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Fire-rated access panel
EI30/EI60/EI90/EI120
for wall

System F4
EI30/EI60/EI90/EI120

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Fire-rated access panel
EI30 for shaft walls

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Fire-rated access panel
EI60 for shaft walls

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EI60

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Fire-rated access panel
EI90 - 120 for shaft walls

System F5
EI90/120

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Fire-rated access panel
Jumbo System
EI30 for plasterboard walls, shaft walls and solid brickness wall

System Jumbo BS
EI30

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Fire-rated access panel
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Fire-rated access panel
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**Acoustic line
Access panel
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**Acoustic line
Access panel
BSA**

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**Acoustic line
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**Acoustic line
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**Acoustic line
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AKLD**

System F2

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**Acoustic line
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**Acoustic line
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**Acoustic line
Access panel
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**Acoustic line
Access panel
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System F3 AA

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ALULINE



ADVANCED ACCESS PANELS

FFSystems



ACCESS PANEL NON-REMOVABLE IN ALUMINIUM

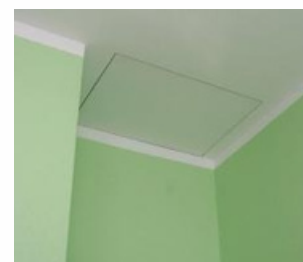
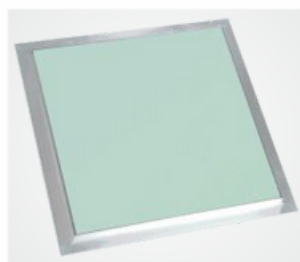
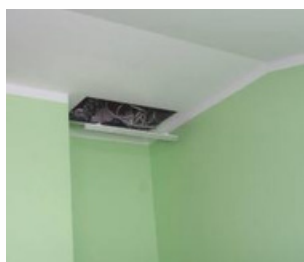
System F1 - Aluminium frame, with or without plasterboard inlay, for ceilings and drywall partitions

The access panel is made of aluminum profiles with a 12.5 mm, 15 mm, or 25 mm water-repellent impregnated plasterboard sheet and features two or more snap closures. The two frames of the access panels consist of four profiles securely welded together using a special procedure.

From the size of 300 x 300 mm onward, the access panel is supplied with one or more safety cables with carabiners, to be reattached after each panel opening to prevent accidents.

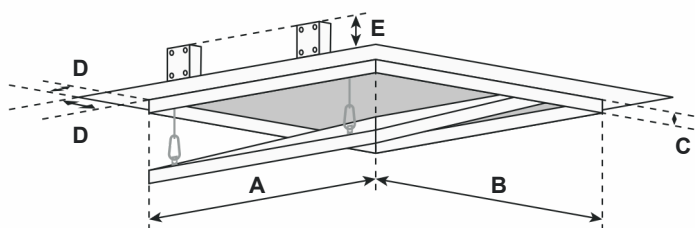
The installation of our access panels hatches on walls or ceilings (non-walkable) is immediate and extremely simple. A gap of 1.75 mm, without a gasket, remains between the frame and the panel. The snap closures, which are invisible, open the access panel with a simple press. No filling or plastering is required.

The access panel, unless otherwise specified, does not feature any screws and is ready to be painted.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry



A and B = inside frame measurement
C = frame thickness
D = 24/28 mm
E = 40 mm

PARTICULAR ADVANTAGES

- Measures ready for delivery
- Production of special measures in a short time
- Solid aluminum frame
- Sophisticated solution
- Flush installation in ceiling and drywall partitions
- Flush-to-wall installation
- Non-removable door ready to be painted
- Lateral opening is possible in wall areas

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar
- SD** Screwdriver operated cam latch
- H** Hex head cam latch
- P** Pinned hex head cam latch

for drywall partitions



watch
installation
video

for ceilings



watch
installation
video

ACCESS PANEL REMOVABLE

System F2 AK - Aluminium frame, with or without plasterboard inlay, for ceilings and drywall partitions

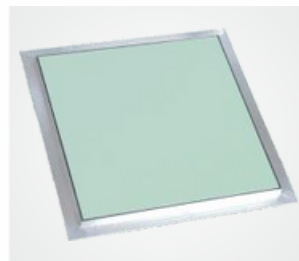
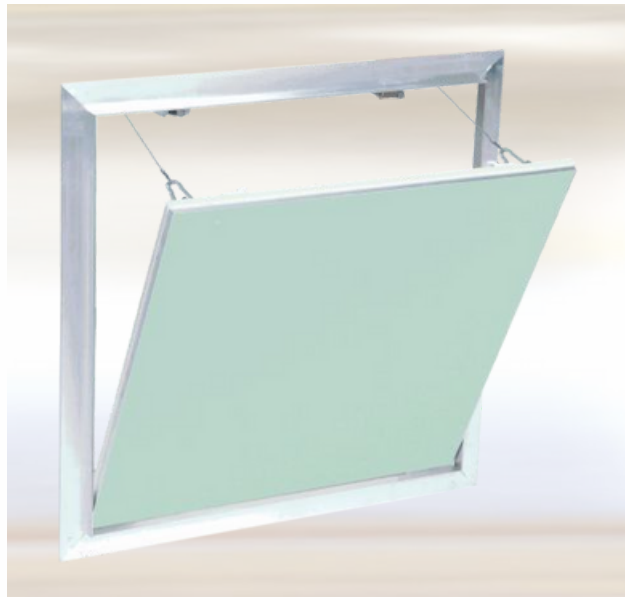


The access panel is made of aluminum profiles with a 12.5 mm, 15 mm, or 25 mm water-repellent impregnated plasterboard sheet and features two or more snap closures. The two frames of the inspection hatch consist of four profiles securely welded together using a special process.

From the size 300 x 300 mm onwards, the access panel is supplied with one or more safety cables with carabiners to be reattached after each opening of the panel, preventing accidents.

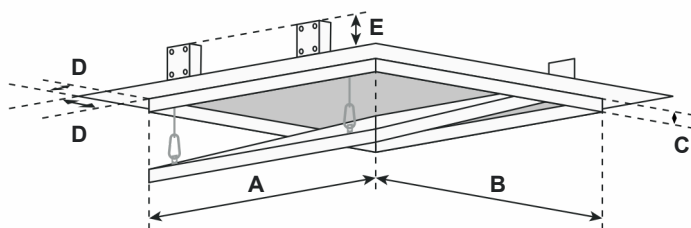
The installation of our inspection hatches on walls or ceilings (non-walkable) is quick and simple. A 1.75 mm gap remains between the frame and the panel, equipped with a profiled gasket that prevents light gaps between the frame and panel. The snap closures, which are invisible, open the inspection hatch with a simple press. No filling or plastering is required.

The panel, unless otherwise specified, has no screws and is ready to be painted.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry



A and B = inside frame measurement
C = frame thickness
D = 24/28 mm
E = 40 mm

PARTICULAR ADVANTAGES

- Measures ready for delivery
- Production of special measures in a short time
- Solid aluminum frame
- Sophisticated solution
- Flush installation in ceiling and drywall partitions
- Flush-to-wall installation
- Non-removable door ready to be painted
- ????

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar
- SD** Screwdriver operated cam latch
- H** Hex head cam latch
- P** Pinned hex head cam latch

for drywall partitions



watch
installation
video

for ceilings



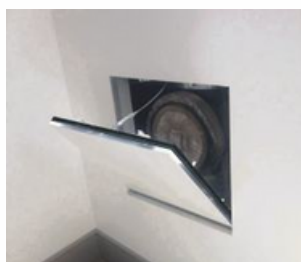
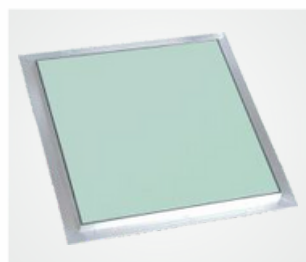
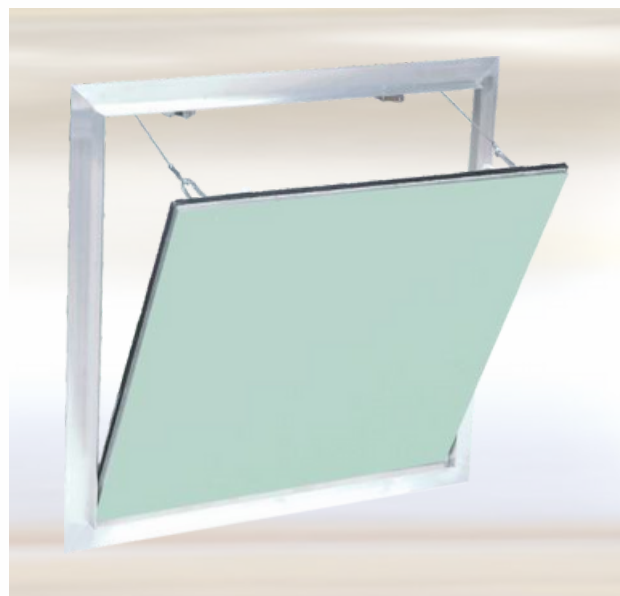
watch
installation
video



ACCESS PANEL "AIRTIGHT AND DUST-PROOF"

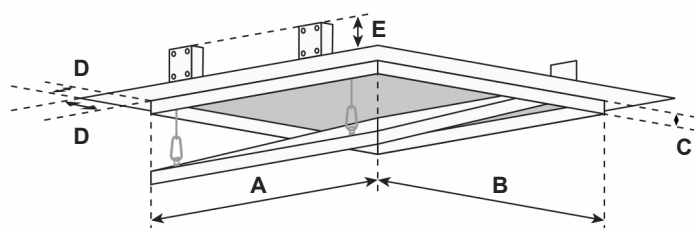
System F2 AKL- Aluminium frame, with plasterboard inlay, for ceilings and drywall partitions

The access panel is made of aluminum profiles with a 12.5 mm, 15 mm, or 25 mm water-repellent impregnated plasterboard panel and two or more snap closures. The two frames of the access panels are made of four profiles securely welded together using a special procedure. Starting from the size of 300 x 300 mm, the access panel is supplied with one or more safety cables with a carabiner to be re-attached after each opening of the hatch to prevent accidents. The installation of our access panel on walls or ceilings (non-walkable) is immediate and very simple. Between the frame and the hatch door, there is a gap of 2.75 mm, equipped with a special gasket certified as "air and dust-tight." The invisible snap closures open the access panel with a simple press. No filling is required. **The door, unless otherwise specified, has no screws and is ready to be painted.**



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



A and B = inside frame measurement
C = frame thickness
D = 24/28 mm
E = 40 mm

PARTICULAR ADVANTAGES

- Quick delivery
- Production of special measures
- Also tested with locks
- Sophisticated solution
- Flush installation in ceilings and drywall partitions
- Validated "airtight and dust-proof"

Tested up to 1000 x 1000 mm.

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACCESS PANEL FOR TILING

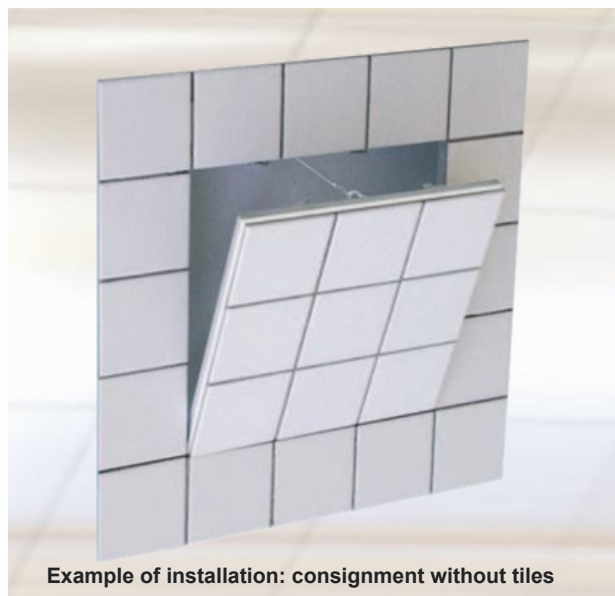
System F3 - Aluminium frame, with plasterboard inlay, for drywall partitions



The access panel is made of aluminum profiles with a 12.5 mm, 15 mm, or 25 mm water-repellent impregnated plasterboard panel and two or more snap closures.

The two frames of the access panels are made of four profiles securely welded together using a special procedure. Starting from the size 300 x 300 mm, the access panel is supplied with one or more safety cables with carabiners to be reattached after each opening to prevent accidents. Between the frame and the door, there is a 1.75 mm gap, equipped with a profiled gasket that prevents the visibility of light effects between the frame and the door.

The invisible snap closures open the inspection hatch with a simple press.



Example of installation: consignment without tiles



Version 1: for tiling the door leaf



Version 2: for tiling into the frame

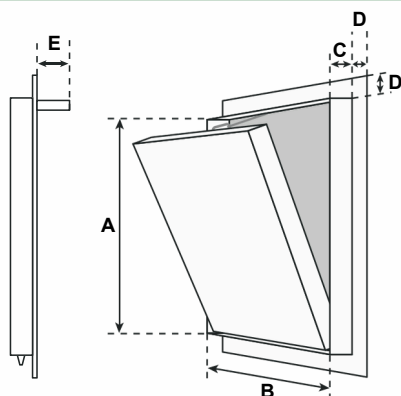


Left picture: closed side view, with latches

A and B = inside frame measurement

C = frame thickness | D = 28 mm | E = 40 mm

For other cladding thicknesses, please do not hesitate to call us.



DIMENSIONS

The access panel is aligned to the grid dimension of the tile. Information on the dimensions of the tiles and joint gaps is required, from which dimensions A and B can be ascertained.

Dimensions D and E remain constant. Dimension C corresponds to the respective cladding thicknesses.

SPECIAL DIMENSIONS

These panels are customizable, produced exactly to dimensions given by customer. Also available with locks.

VERSIONS

Version 1 "tiling the door leaf": the aluminum profile is flush with the plasterboard panel. The tiles are placed upon the profile.

Variante 2 "tiling into the frame": the aluminum profile is higher than plasterboard sheet. The tiles are placed into the frame.

Advantages:

- easier assembly for the tiler
- clean circumferential border

PARTICULAR ADVANTAGES

- Product system designed to prevent damage to the coating during the opening of the door
- Fast delivery
- Please consult our technical office to verify proper functioning before applying any finishing material
- Solid aluminum frame
- Proven technical solution
- Flush installation in drywall partitions
- Removable door

VERSION 1



watch
installation
video

VERSION 2



watch
installation
video



ACCESS PANEL WITH OVERSIZED MULTI-DOOR

System multi-door - Aluminium frame, with plasterboard inlay, for drywall applications



The access panel is made of aluminum profiles with a 12.5 mm water-repellent impregnated plasterboard panel and two or more snap closures.

The frames of the access panel can be made with thicknesses of 12.5 mm, 15 mm, or 25 mm and are composed of four profiles, each securely welded together using a special procedure. The access panel is equipped with two or more safety cables with carabiners to be re-attached after each opening of the door to prevent accidents.

Between the frame and the hatch door, there is a 1.75 mm gap.

One flap opens through the snap closures, and the other with bolts located on the back.

Once the doors are open, the light opening remains completely free of obstructions thanks to the special opening system.

PARTICULAR ADVANTAGES

- Ideal solution for large dimensions and design innovative
- Fast delivery
- Solid aluminum frame
- Flush installation in ceilings and drywall partitions

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar
- SD** Screwdriver operated cam latch
- H** Hex head cam latch
- P** Pinned hex head cam latch



JUMBO LIGHT DOOR

System Jumbo Light - Aluminium frame, for lateral closing



This access panel consists of aluminium frame with impregnated plasterboard 12,5 mm.

Both outer and inner frame of the access panel consist of four single frames, which are firmly connected due to a special welding process.

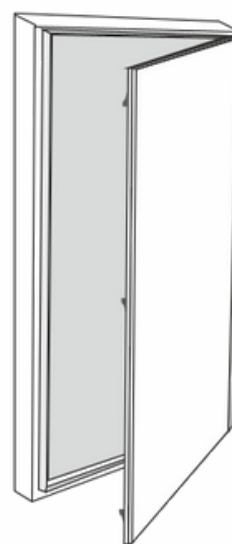
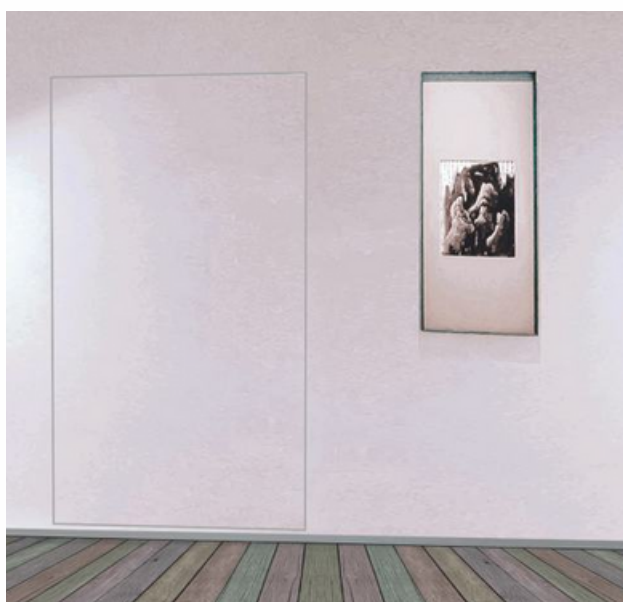
The outer frame is reinforced by a square tubing 40 x 20, installed in the back as a "C" or rather only on three sides. Over this square tubing are installed the hinges that allow opening up to 90°.

Some sizes are provided by a roller piece installed in the bottom angle (closing side) that allow a comfortable and safe opening/closing.

Encumbrance inside the inspection hole, around the whole perimeter: 60 mm.



For single door medium size



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Ideal solution for dimensions
- Fast delivery
- Solid aluminum frame
- Side opening hinges

Locks

- | | |
|-----------|---|
| FS | Four-square lock with white collar |
| Z | Round-cylinder lock with key |
| PZ | Profile cylinder lock with metal collar |
| SD | Screwdriver operated cam latch |
| H | Hex head cam latch |
| P | Pinned hex head cam latch |



watch
installation
video

JUMBO DOOR

System JT for oversizes - Aluminium frame, for drywall partition and other applications



The access panel is a door-type construction made of aluminum profiles with a 12.5 mm water-repellent impregnated plasterboard panel. The outer frame is a tubular profile. The invisible snap closures open the inspection door with a simple press.

Special hinges, very solid, and the unique sealing roller allow easy lateral opening up to 135°.

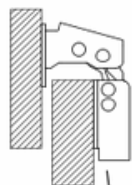
This type of door is suitable for large openings.

The 12.5 mm door is adaptable to plasterboard walls up to a thickness of 25 mm.

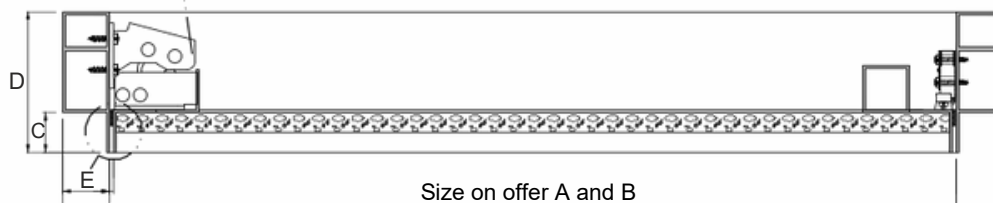
****Option:** possibility to install hinges with an opening up to 175°.



For single door big size



A and B = inside frame measurement
C = 25 mm | D = 90 mm
E = 30 mm | Z = 90 mm



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Ideal solution for large dimensions and design innovative
- Fast delivery
- Quick and easy installation
- Solid aluminum frame

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



watch
installation
video

JUMBO XXL

System J-XXL - Aluminium frame for ceiling



The Jumbo-XXL access panel is produced, according to the size, with one or more doors. In the case of multiple doors, these are supported by a removable central support.

Between the frame and the door, there is a 1.75 mm gap, equipped with a profiled gasket that prevents the visibility of light effects between the frame and the door. The invisible snap closures open the inspection hatch with a simple press.

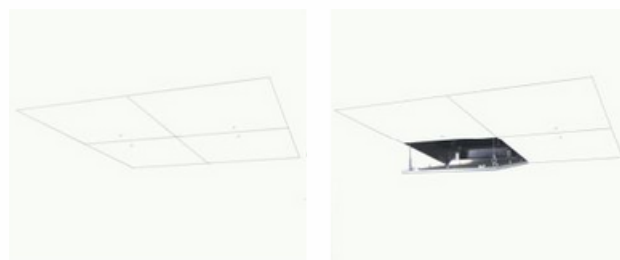
The outer frame is a tubular aluminum frame, equipped with strong hinges that allow an easy opening.

The access panel is supplied with multiple safety cables with carabiners, to be reattached after each opening to prevent accidents.



APPLICATION POSSIBILITIES

- Plasterboard ceiling thickness between 10 and 25 mm
- Solid brickness ceiling

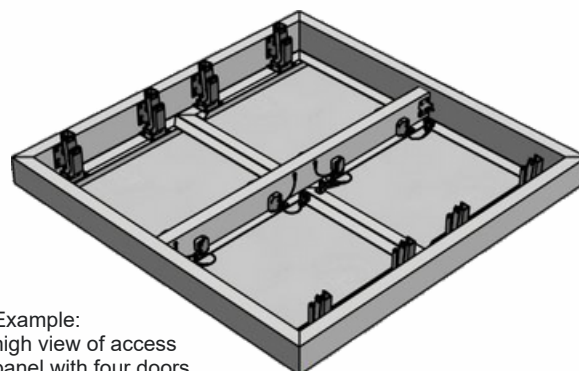


CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

Maximum dimensions:

- Width: 2000 mm
- Length: on request



Example:
high view of access
panel with four doors

PARTICULAR ADVANTAGES

- Fast delivery
- Quick installation
- Sophisticated solution
- Sturdy alluminium frame
- Removable central support
- Perfect solution for extra long ceilings

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



watch
installation
video

ACCESS PANEL WITH PIVOTS FOR WALL

Single or multi-door system - Aluminium frame for wall

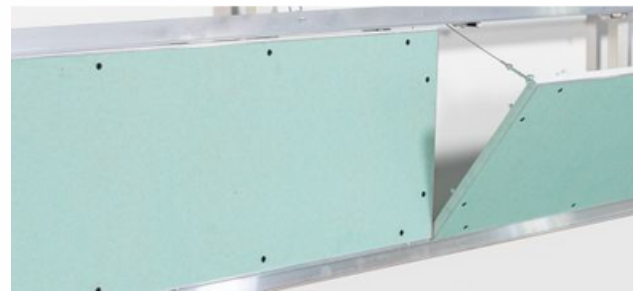
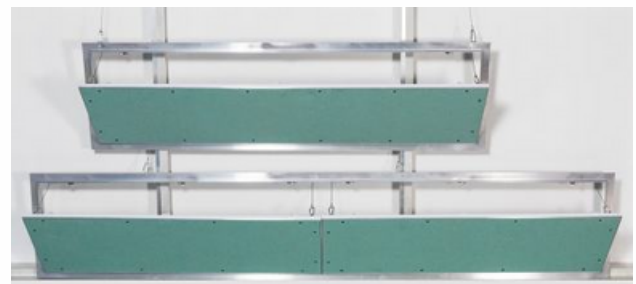


The access panel is made of aluminum frame with a 12.5 mm water-repellent impregnated plasterboard panel or a standard 9.5 mm, 15 mm, 18 mm, or 25 mm panel.

Between the frame and the door, there is a 1.75 mm gap with a white aesthetic gasket.

The version with pivots is designed for walls. These special systems are made when the size or limited application space does not allow the use of standard opening systems.

Also available in multi-door versions.



PARTICULAR ADVANTAGES

- For small spaces
- Special custome sizes
- Multidoor for wall or ceiling
- Removable doors
- Full clear opening

Locks

FS	Four-square lock with white collar
Z	Round-cylinder lock with key
PZ	Profile cylinder lock with metal collar
SD	Screwdriver operated cam latch
H	Hex head cam latch
P	Pinned hex head cam latch



ACCESS PANEL FOR CEILING

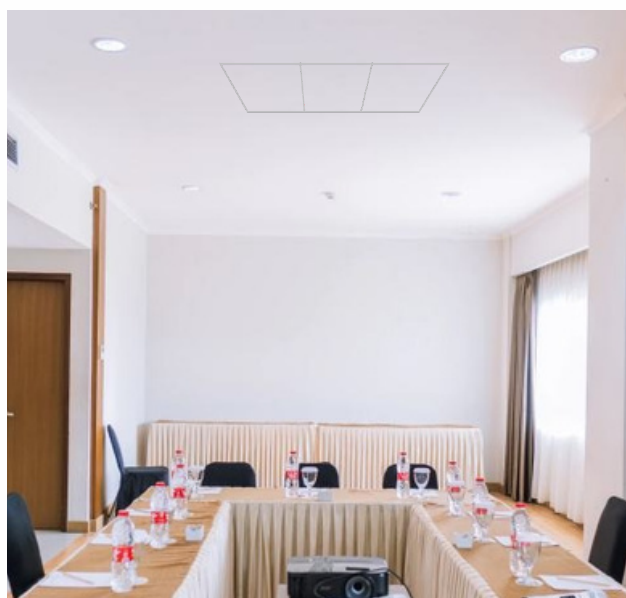
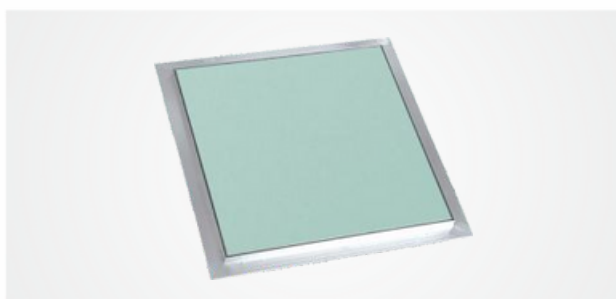
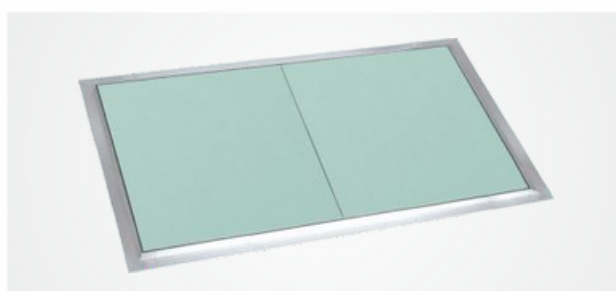
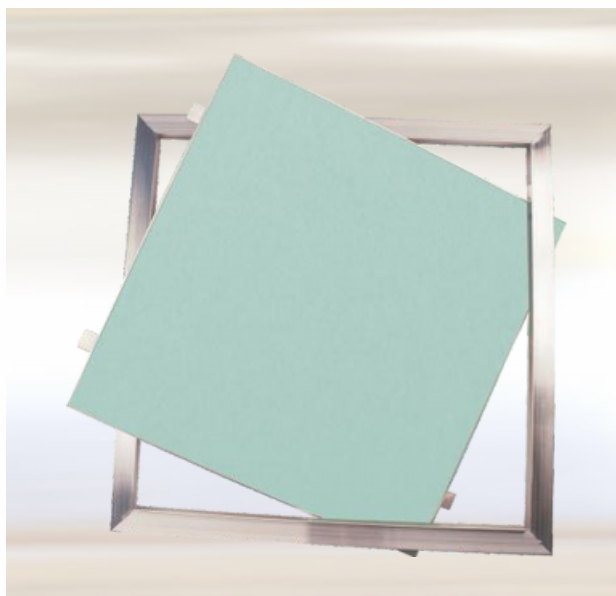
Single or multi-door system - Aluminium frame for ceiling

The access panel is made of aluminum frame with a 12.5 mm water-repellent impregnated plasterboard panel or a standard panel of 9.5 mm, 15 mm, 18 mm, or 25 mm.

Between the frame and the door, there is a 1.75 mm gap with a white aesthetic gasket.

The ceiling version comes with aluminum strips without a click-clack mechanism. These special systems are made when the size or limited application space does not allow the use of standard opening systems.

Also available in multi-door versions.



PARTICULAR ADVANTAGES

- For small spaces
- Special custom sizes
- Multidoor for wall or ceiling
- Removable doors
- Full clear opening

Locks

FS	Four-square lock with white collar
Z	Round-cylinder lock with key
PZ	Profile cylinder lock with metal collar
SD	Screwdriver operated cam latch
H	Hex head cam latch
P	Pinned hex head cam latch

ACCESS PANEL WITH PERFORATED BOARD

System F2 LO - Aluminium frame with plasterboard

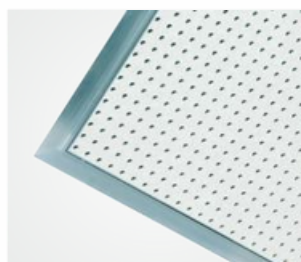
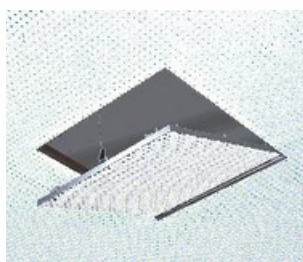


The access panel is made of aluminum frame with a 12.5 mm perforated plasterboard panel and two or more snap closures.

The two frames of the access panel are made of four profiles securely welded together using a special procedure. Starting from the size 300 x 300 mm, the hatch is supplied with one or more safety cables with carabiners to be reattached after each opening of the door to prevent accidents.

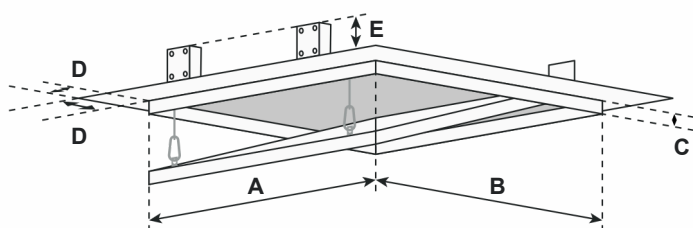
Between the frame and the door, there is a 0.6 mm gap without a gasket. The invisible snap closures open the inspection hatch with a simple press.

The dimensions of the access panel will be modified to accommodate the chosen perforation. Reduced gap without a gasket.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



Depending on type of perforation:

A+B: The cut is made while keeping the perforation intact.
C: 13 mm
D: 28 mm
E: 40 mm

PARTICULAR ADVANTAGES

- Fast delivery
- Production of special measures
- Solid aluminium frame
- Sophisticated solution
- Flush installation in ceilings and drywall partitions
- Fits exactly with the existing perforation pattern
- Ready for installation

Locks

FS	Four-square lock with white collar
Z	Round-cylinder lock with key
PZ	Profile cylinder lock with metal collar
SD	Screwdriver operated cam latch
H	Hex head cam latch
P	Pinned hex head cam latch



watch
installation
video

ACCESS PANEL WITH FISSURED BOARD

System F2 FE - Aluminium frame with fissured plasterboard



The access panel is made of aluminum frame with a 12.5 mm fissured gypsum board panel and two or more snap locks.

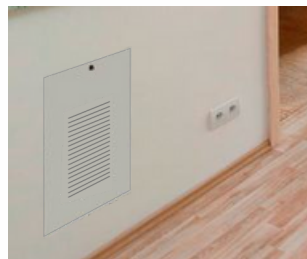
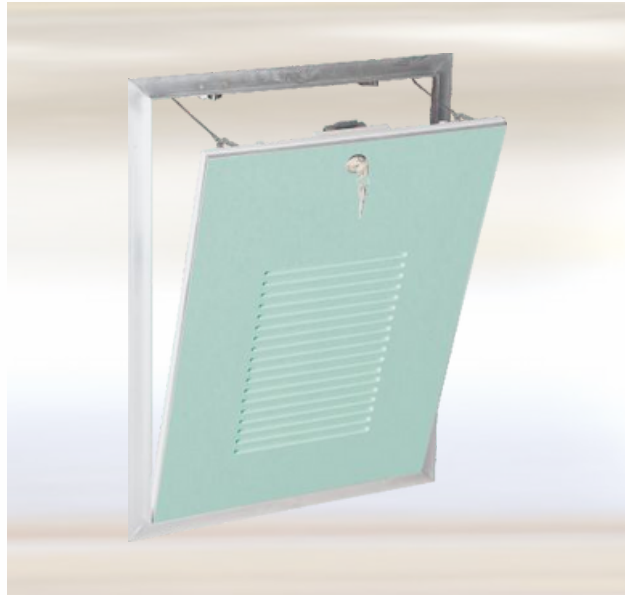
The two frames of the access panel consist of four profiles solidly welded together using a special process.

Starting from the 300 x 300 mm size, the access panel is equipped with one or more safety cables with carabiners, which must be reattached after each opening of the door to prevent accidents.

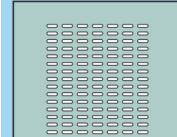
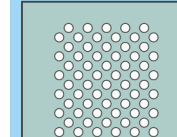
A 1.75 mm gap with a white gasket is left between the frame and the door.

The invisible snap locks allow the access panel to open with a simple push.

The dimensions of the fissures will be made according to the customer's drawing.



Example of fissures/perforation

Total fissures	Partial fissures	Perforation
		

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Fast delivery
- Production of special measures
- Solid aluminium frame
- Sophisticated solution
- Flush installation in ceilings and drywall partitions
- Fits exactly with the existing perforation pattern
- Ready for installation

Locks

FS	Four-square lock with white collar
Z	Round-cylinder lock with key
PZ	Profile cylinder lock with metal collar
SD	Screwdriver operated cam latch
H	Hex head cam latch
P	Pinned hex head cam latch

ACCESS PANEL ROUND REMOVABLE

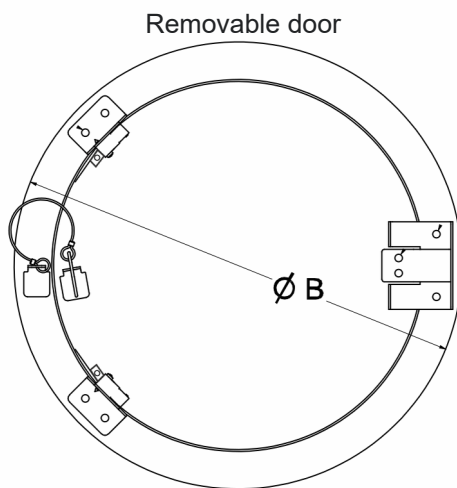
System R - Aluminium frame with plasterboard inlay



The round access panel consists of an aluminium frame with plasterboard inlay 12,5 mm and latches.

The access panel is equipped with a safety-system against accidental opening. In order to avoid accidents, this safety-system has to be secured after each opening. The access panel is easily installed in walls and ceilings.

A joint gap of 1.5 mm is visible between outer frame and door strip. The concealed snap locks open the access panel when pressure is applied to the flap on the spring loaded latch side.



A = inside frame measurement
C = frame thickness
D = 26 mm



PARTICULAR ADVANTAGES

- Production with different types of panels
- Quick installation
- Solid aluminium frame
- Proven technical solution
- Flush wall installation on both plasterboard walls and ceilings
- Also available with perforated panel

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



SOLIDLINE

INDOOR/OUTDOOR



ADVANCED ACCESS PANELS

FFSystems



ACCESS PANEL OUTDOOR SHEETS

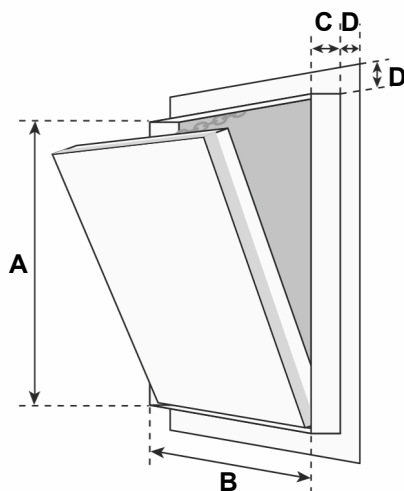
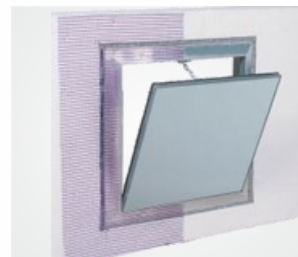
System FP - Access panel for outdoor

This access panel consists of aluminium frame, with cement sheet and two or more stainless steel snaps.

The thickness of the inner frame is 15 mm and the cement sheet has a thickness of 12,5 mm, recessed to allow flush plastering.

From the measures 300x300 the access panel is supplied with two or more safety chains with snaplock to be reattached after each opening, to ensure safety. A joint gap of 3 mm is visible between outer frame and door leaf, which is equipped with an airtight and dustproof joint.

The access panel is ready for installation on outdoor sheets.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

A and B = inside frame measurement
C = 15 mm (recessed plate 12,5 mm)
D = 28 mm

Wall hole: access panel + 5 mm

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Solid aluminium frame
- Technically proven solution and innovative design
- Quick installation on facades

Locks

- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACCESS PANEL FOR OUTDOOR ON BRICK WALLS



System MPW - Access panel for outdoor

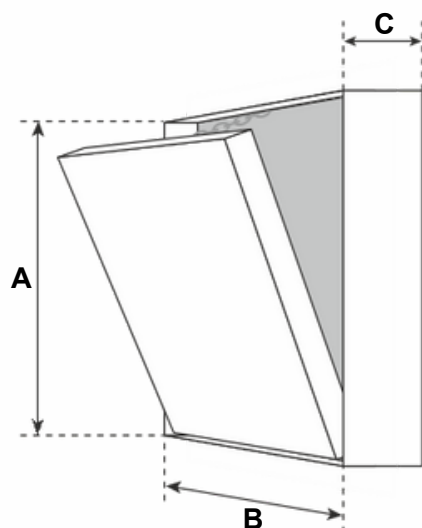
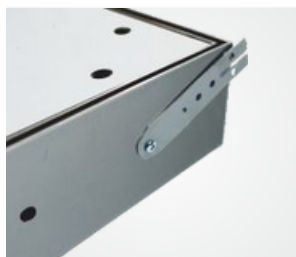
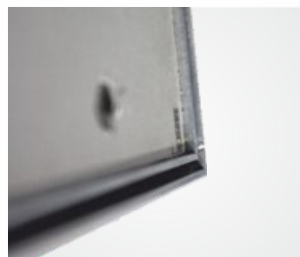
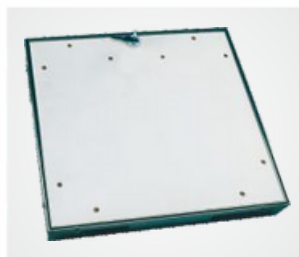
This access panel consists of aluminium frame, with cement sheets and two or more stainless steel snaps.

The thickness of the inner frame is 15 mm and the cement sheets has a thickness of 12,5 mm, recessed to allow flush plastering.

The external frame has a thickness of 60 mm and is designed for application on walls made of blocks or bricks, thanks to the anchoring claps or the possibility of fixing with dowels.

From measure 300x300 the access panel is supplied with two or more safety chains with a snaplock to be reattached after each opening, in order to ensure safety.

A joint gap of 3 mm is visible between outer frame and door leaf, which is equipped with an airtight and dustproof joint.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

A and B = inside frame measurement
C = 60 mm

Light hole: door measure - 36 mm
Wall hole: door measure + 5 mm

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Solid aluminium frame
- Technically proven solution and innovative design
- Quick installation on facades

Locks

- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACCESS PANEL FOR OUTDOOR ON BRICK WALLS FOR LARGE SIZE



System MPWT - Access panel for outdoor

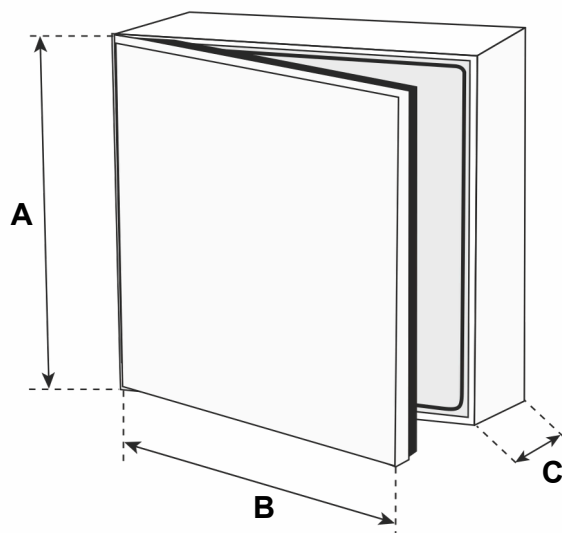
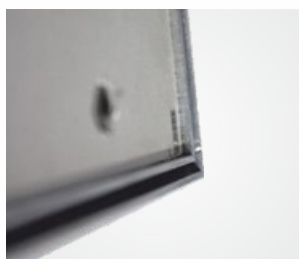
This access panel consists of aluminium frame, with cement sheets and two or more stainless steel snaps.

The thickness of the inner frame is 15 mm and the cement sheets has a thickness of 12,5 mm, recessed to allow flush plastering.

The external frame consists of a tubular profile, on which special hinges are fixed, with opening up to 175°.

From the measure 300x300 the access panel is supplied with two or more safety chains with a snaplock to be reattached after each opening, in order to ensure safety.

A joint gap of 3 mm is visible between outer frame and door leaf, which is equipped with a airtight and dustproof joint.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

A and B = inside frame measurement
C = 60 mm

Light hole: door measure - 56 mm
Wall hole: door measure + 5 mm

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Solid aluminium frame
- Technically proven solution and innovative design
- Quick installation on facades

Locks

- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACCESS PANEL FOR OUTDOOR "WATERTIGHT"

System MPWD - Access panel for outdoor

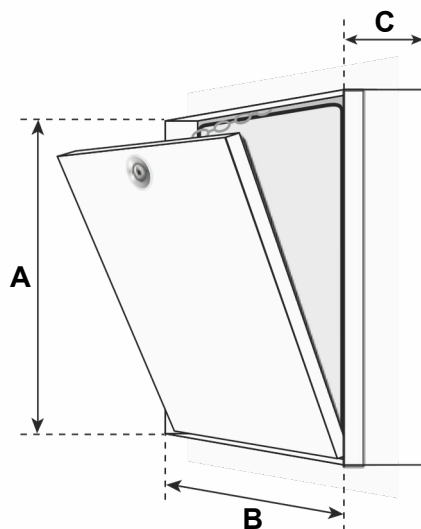
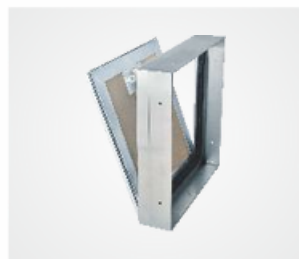
The access panel consists of aluminium frame, a cement board and a round cylinder lock with key. No snap lock is provided in order to prevent malfunctions when used outdoors.

The inner frame has a thickness of 15 mm, while the cement board has a thickness of 12.5 mm and is recessed to allow for flush finishing.

The outer frame has a thickness of 60 mm and is designed for installation on block or brick walls, thanks to the anchoring brackets or the option of fastening with wall plugs.

From the measure 300x300 the access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to ensure safety.

A 3 mm gap is left between the frame and the door, fitted with an airtight and dustproof joint, as well as a special pressure gasket for protection against atmospheric agents.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

The access panel is "watertight" according to EN 1027.

- Class 2A according to EN 12208 (with cylinder lock)
- Class 5A according to EN 12208 (regardless of the type of key)

Test Report FEA220114_00_00TR (GiB GmbH Arnstorf)

A and B = inside frame measurement
C = 78 mm

Light hole: door measure - 56 mm
Wall hole: door measure + 5 mm

All standard sizes are available at short notice from stock.

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Solid aluminium frame
- Technically proven solution and innovative design
- Quick installation on facades

Locks



Round-cylinder lock with key



Profile cylinder lock with metal collar



watch
installation
video

ACCESS PANEL FOR OUTDOOR

System B-EXT - Watertight



The access panel consists of a sturdy outer frame and a 1 mm thick sheet metal door with insulation inside. The default color is white RAL 9010.

Pre-drilled side holes ensure safe installation in all types of walls.

The outer frame is equipped with a special circumferential sealing strip for a "watertight".

VERSIONS

- RAL lacquered galvanized sheet metal (standard RAL 9010 / other colors on request)
- Stainless steel
- RAL lacquered stainless steel (standard RAL 9010 / other colors on request)

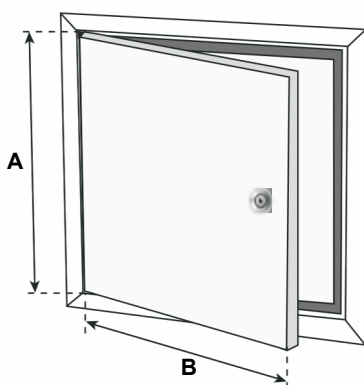
FIELDS OF APPLICATION

The access panel B-EXT can be installed in each type of solid walls and walls with exterior insulation finishing system.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



WATERTIGHT ACCORDING TO EN 127

- Class 3A according to EN 12208 (with cylinder lock)
- Class 9A according to EN 12208 (excluding cylinder lock)

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Door with isolation
- Also available in stainless steel

Locks

- TL** Four-square lock
- Z** Cylinder lock with key



ACCESS PANEL FOR OUTDOOR

System B-EXT - double door

The access panel consists of a sturdy outer frame and a 1 mm thick sheet metal door with insulation inside. The default color is white RAL 9010.

Pre-drilled side holes ensure safe installation in all types of walls.

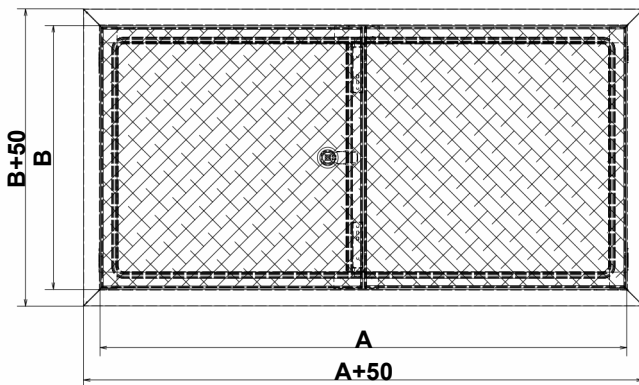
A special circular gasket on the outer frame ensure a special seal.

VERSIONS

- RAL lacquered galvanized sheet metal (standard RAL 9010 / other colors on request)
- Stainless steel
- RAL lacquered stainless steel (standard RAL 9010 / other colors on request)

FIELDS OF APPLICATION

The access panel B-EXT can be installed in each type of solid walls and walls with exterior insulation finishing system.



MAXIMUM DIMENSIONS

- Maximum width 2000 mm / Maximum height 2000 mm
- Maximum perimeter cannot exceed 6400 mm, for each door the following rules applies: Height $\geq$ Width.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Door with isolation
- Also available in stainless steel

Locks

- TL** Four-square lock
- Z** Cylinder lock with key

ACCESS PANEL FOR SOLID WALLS

System MW - Access panel for solid walls



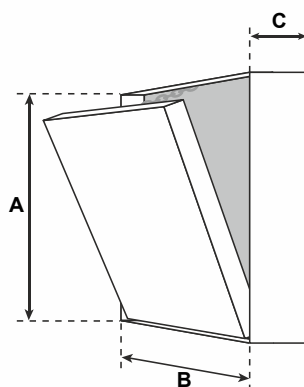
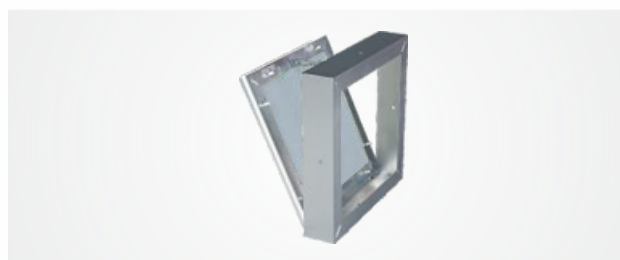
The access panel is made of aluminum frame with a water-repellent coated gypsum board.

The inner frame thickness is 12.5 mm, 15 mm, or 25 mm.

The outer frame has a thickness of 60 mm and is designed for installation on block or brick walls, thanks to anchoring brackets or the option of fastening with wall plugs.

From the measure 300x300 the access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to ensure safety.

A 1.75 mm gap is left between the frame and the door, fitted with a white decorative gasket (except for MWS).



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

A and B = inside frame measurement
C = 60 mm

Light hole MW system: door measure - 36 mm
Wall hole: door measure + 5 mm

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Solid aluminium frame
- Technically proven solution and innovative design
- Quick installation on facades

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



ACCESS PANEL FOR SOLID WALLS AND CELING

System MWS - Access panel for solid walls and ceilings

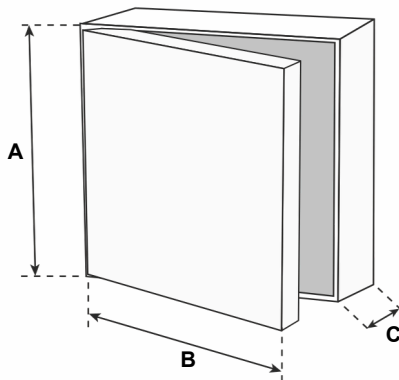
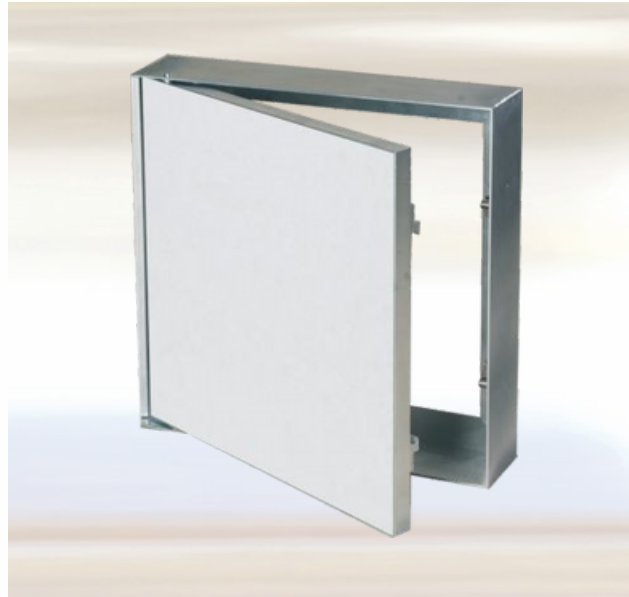
The access panel is made of aluminum frame with a water-repellent coated gypsum board.

The inner frame thickness is 12.5 mm, 15 mm, or 25 mm.

The outer frame has a thickness of 60 mm and is designed for installation on block or brick walls, thanks to anchoring brackets or the option of fastening with wall plugs

From the measure 300x300 the access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to ensure safety.

A 1.75 mm gap is left between the frame and the door, NOT fitted with a white decorative gasket.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

A and B = inside frame measurement
C = 60 mm

Light hole MWS System:

- 68 mm for base measurement
- 36 mm for height measurement

Wall hole: door measure + 5 mm

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Solid aluminium frame
- Technically proven solution and innovative design
- Quick installation on facades

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



watch
installation
video

ACCESS PANEL FOR BRICK WALLS

System MWT - Access panel for brick walls



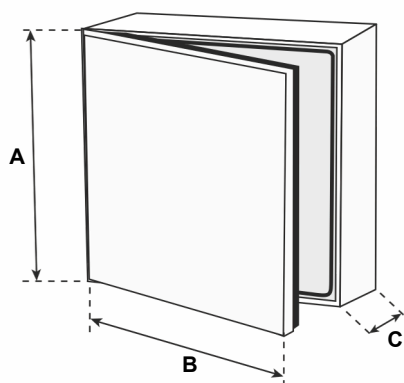
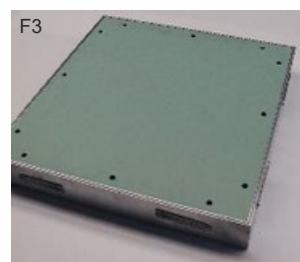
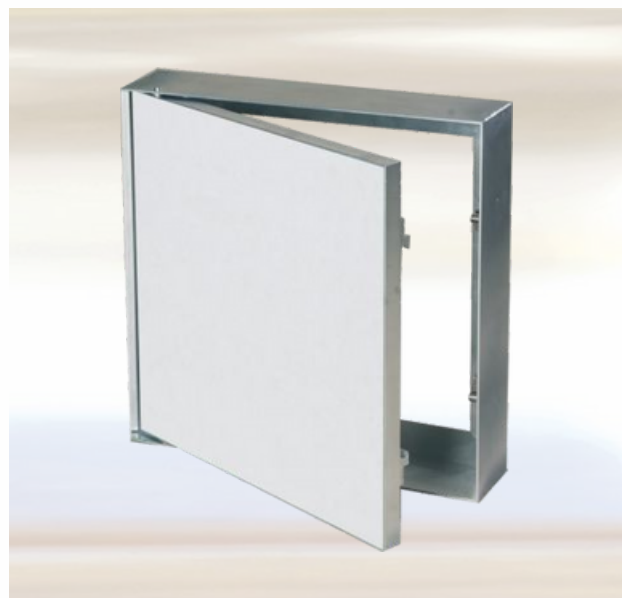
The access panel is made of aluminum frame with a water-repellent coated gypsum board.

The inner frame thickness is 12.5 mm, 15 mm, or 25 mm.

The outer frame is a tubular profile on which special hinges are mounted, allowing an opening of up to 90° or 175°.

From the measure 300x300 the access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to ensure safety.

A 1.75 mm gap is left between the frame and the door, fitted with a white decorative gasket.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

A and B = inside frame measurement
C = 90 mm

Light hole: door measure - 56 mm
Wall hole: door measure + 5 mm

PARTICULAR ADVANTAGES

- Fast delivery
- Solid aluminium frame
- Technically proven solution and innovative design
- Quick installation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



STEELLINE



ADVANCED ACCESS PANELS

FFSystems

ACCESS PANEL IN SHEET STEEL

System B1 - With four-square lock



optional

The sheet metal access panel consists of a solid frame and a door made of galvanized steel or stainless steel sheet with integrated four-square lock.

The standard color is RAL 9010 white with a powder-coated finish. Other RAL colors or raw sheet metal are available upon request.

The system features a frame with beveled profiles for a more precise fit on plaster or drywall surfaces. The four wall anchors are adjustable, allowing safe installation on both walls and ceilings.

The door can be either removable or tiltable, with the opening possible to both the right and the left.

NEW

This access panel is also available in an “airtight and dust-proof” version and in stainless steel.



Double door



Stainless steel

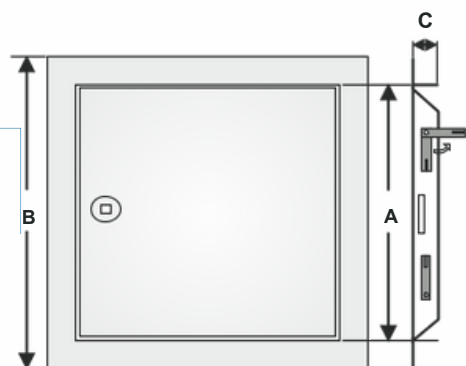


CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

The access panels are also available in various versions, such as galvanized, in different colors, or with perforations.

Please do not hesitate to contact us for further information!



A = Wall hole (Light hole: A - 5 mm)
B = Measure A + 35 mm
C = 25 mm

POSSIBILITIES OF APPLICATION

Sheet metal access panel can be installed on both plasterboard and brick walls or ceilings.

DIMENSIONS

The sheet metal access panel with a four-square lock is available in the following standard sizes.

Dimension A is as follows:

- 200x200 mm
- 300x300 mm
- 400x400 mm
- 500x500 mm
- 600x600 mm

(in this case it is the measure of the wall hole)

NEW

Now available also “airtight and dust-proof” version

tested according to DIN EN 12207
up to 600 x 600 mm



PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Solid aluminium frame
- Technically proven solution
- Oversized production

For wall



watch installation video

For ceiling



watch installation video

Airtight and dust-proof
for wall



watch installation video

Airtight and dust-proof
for ceiling



watch installation video

ACCESS PANEL IN SHEET STEEL

System B2 - With snap lock



The sheet metal access panel consists of a solid frame and a door made of galvanized steel or stainless steel sheet with integrated snap lock. The standard color is RAL 9010 white with a powder-coated finish. Other RAL colors or raw sheet metal are available upon request.

The system features a frame with beveled profiles for a more precise fit on plaster or drywall surfaces. The four wall anchors are adjustable, allowing safe installation on both walls and ceilings. The door can be either removable or tiltable, with the opening possible to both the right and the left.

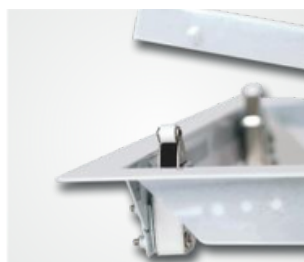


NEW

This access panel is also available in stainless steel.



Stainless steel

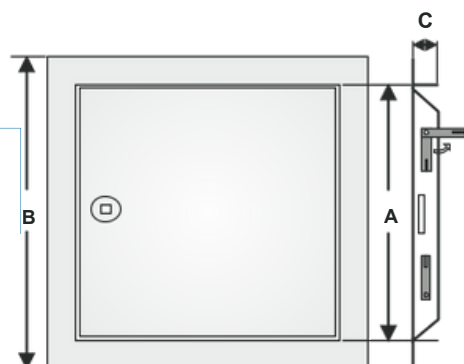


CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

The access panels are also available in various versions, such as galvanized, in different colors, or with perforations.

Please do not hesitate to contact us for further information!



A = Wall hole (Light hole: A - 5 mm)
B = Measure A + 35 mm
C = 25 mm

POSSIBILITIES OF APPLICATION

Sheet metal access panel can be installed on both plasterboard and brick walls or ceilings.

DIMENSIONS

The sheet metal access panel with a snap lock is available in the following standard sizes.

Dimension A is as follows:

- 200x200 mm
- 300x300 mm
- 400x400 mm
- 500x500 mm
- 600x600 mm

(in this case it is the measure of the wall hole)

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Technically proven solution

For wall



watch
installation
video

For ceiling



watch
installation
video

ACCESS PANEL IN SHEET STEEL

System B3 - With cylinder lock



optional

The sheet metal access panel consists of a solid frame and a door made of galvanized steel or stainless steel sheet with integrated cylinder lock.

The standard color is RAL 9010 white with a powder-coated finish. Other RAL colors or raw sheet metal are available upon request.

The system features a frame with beveled profiles for a more precise fit on plaster or drywall surfaces. The four wall anchors are adjustable, allowing safe installation on both walls and ceilings.

The door can be either removable or tiltable, with the opening possible to both the right and the left

NEW

This access panel is also available in an “airtight and dust-proof” version and in stainless steel.



Stainless steel

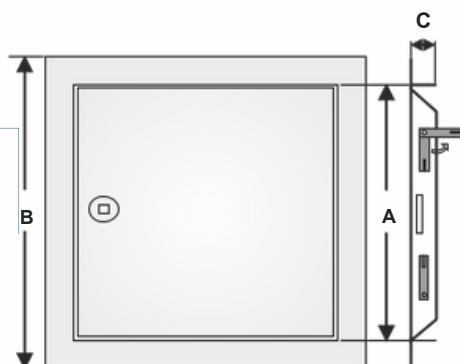


CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

The access panels are also available in various versions, such as galvanized, in different colors, or with perforations.

Please do not hesitate to contact us for further information!



A = Wall hole (Light hole: A - 5 mm)
B = Measure A + 35 mm
C = 25 mm

POSSIBILITIES OF APPLICATION

Sheet metal access panel can be installed on both plasterboard and brick walls or ceilings.

DIMENSIONS

The sheet metal access panel with a cylinder lock is available in the following standard sizes.

Dimension A is as follows:

- 200x200 mm
- 300x300 mm
- 400x400 mm
- 500x500 mm
- 600x600 mm

(in this case it is the measure of the wall hole)

NEW

Now available also “airtight and dust-proof” version

tested according to DIN EN 12207
up to 600 x 600 mm



PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Technically proven solution

For wall



watch installation
video

For ceiling



watch installation
video

Airtight and dust-proof
for wall



watch
installation
video

Airtight and dust-proof
for ceiling



watch
installation
video

ACCESS PANEL IN SHEET STEEL

System B4 - With profile cylinder lock - prepared for profile cylinder provided by customer



The sheet metal access panel consists of a solid frame and a door made of galvanized steel or stainless steel sheet with integrated profile cylinder lock.

The standard color is RAL 9010 white with a powder-coated finish. Other RAL colors or raw sheet metal are available upon request.

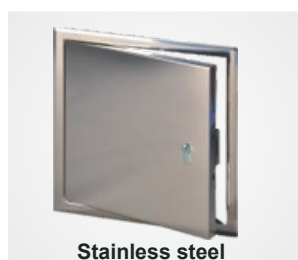
The system features a frame with beveled profiles for a more precise fit on plaster or drywall surfaces. The four wall anchors are adjustable, allowing safe installation on both walls and ceilings.

The door can be either removable or tiltable, with the opening possible to both the right and the left.

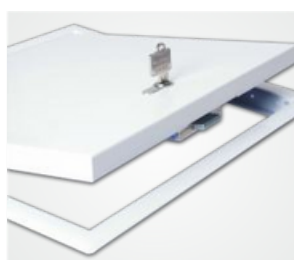
The access panel can be locked with a profile cylinder lock (profile cylinder provided by customer)

NEW

This access panel is also available in stainless steel.



Stainless steel



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

The access panels are also available in various versions, such as galvanized, in different colors, or with perforations.

Please do not hesitate to contact us for further information!

POSSIBILITIES OF APPLICATION

Sheet metal access panel can be installed on both plasterboard and brick walls or ceilings.

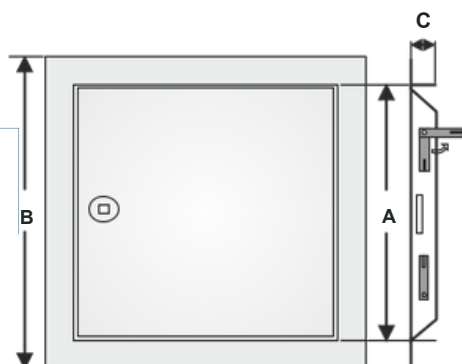
DIMENSIONS

The sheet metal access panel with profile cylinder lock is available in the following standard sizes.

Dimension A is as follows:

- 200x200 mm
- 300x300 mm
- 400x400 mm
- 500x500 mm
- 600x600 mm

(in this case it is the measure of the wall hole)



A = Wall hole (Light hole: A - 5 mm)
B = Measure A + 35 mm
C = 25 mm

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Technically proven solution
- Available in other colors

For wall



watch
installation
video

For ceiling



watch
installation
video

LOCKS

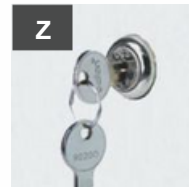
The access panel can be provide with the following locks:

FS

Four-square lock with white collar
Ø 22

KS**FS****Z**

Round-cylinder lock with key
Ø 22

Z**Z****PZ**

Profile cylinder lock with metal
collar

PZ1

Cylinder
installation
by customer

PZ2

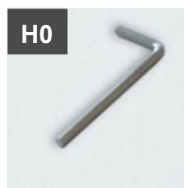
Including
cylinder

SD

Screwdriver operated cam
latch

SD0**SD1** Ø 22**SD2** Ø 13**H**

Hex head cam latch

H0**H1** Ø 22**H2** Ø 13**P**

Pinned hex head
cam latch

P0**P1** Ø 22**P2** Ø 13



FIRELINE



ADVANCED ACCESS PANELS

FFSystems

FF SYSTEMS - PASSIVE FIRE PROTECTION

Some information

FIRE REACTION

The reaction to fire is the degree of participation of a given material to the fire to which it is subjected.

Through strict tests it is measured its ability to feed a fire and the propagation of fumes.

The tests give results that are catalogued associating the characteristics to the fire, summarized for what mainly concerns our products, in the following table:

Euro Class	Description
A1	Material with no contribution to fire therefore not combustible
A2	Material with no contribution to the fire, therefore non-combustible, but with phenomena of smoke production and/or dripping.

FF Systems	standard Systems	STANDARD coating	coating on REQUEST
F1,F2,F3,F4,F5,JM,JL,JT,MW		A2	A1
F6,AQA		A1	-----

FIRE RESISTANCE

We can refer to two types of constructions wich are:

- The structural element, i.e. the construction that possesses a load-bearing characteristic with respect to the building
- The compartment that instead does not have load-bearing characteristics, but only of division.

The fire resistance is the duration in minutes in which the tested element maintains the characterisstics required by European legislation, while the letters preceding these values represent the influential propertie in the fire protection. In summary:

R	E	I	W	S
Load-bearing capacity	Tightness	Insulation	Irradiation	Smoke tightness

Therefore for all products that do not have load-bearing capacity we will not indicate the R.

FF SYSTEMS - PASSIVE FIRE PROTECTION

Some information

COOPERATING OR NON-COOPERATING STRUCTURE

A collaborating structure is that element which participates in the fire resistance together with another and/or other elements, forming a package which cannot be separated.

A NON-collaborating structure, on the contrary, participates in the fire resistance individually, without the need to refer to other structures.

Therefore:

- Cooperating ceiling also refers to the ceiling described in the fire resistance test and has no protection in the gap between ceiling and false ceiling.
- Non-cooperating ceiling (membrane) does not refer to any ceiling and its protection will already be in the gap itself.
- Counter wall increases the fire resistance of an element (another wall) with which it cooperates for the purpose of the test.
- Self-supporting ceiling or cavity instead protects immediately behind it installations or elements, with which it does not cooperate for the purpose of the test.

Passive protection, due to the fact that systems are increasingly being integrated into buildings, requires certified and safe inspection systems.

FF Systems solutions are tested by the best accredited laboratories and are accompanied by certifications, that comply with European regulations on fire safety.

DIRECT SCOPE OF APPLICATION

The direct application scope describes the possible changes to the tested sample without the need for any further testing or approval.

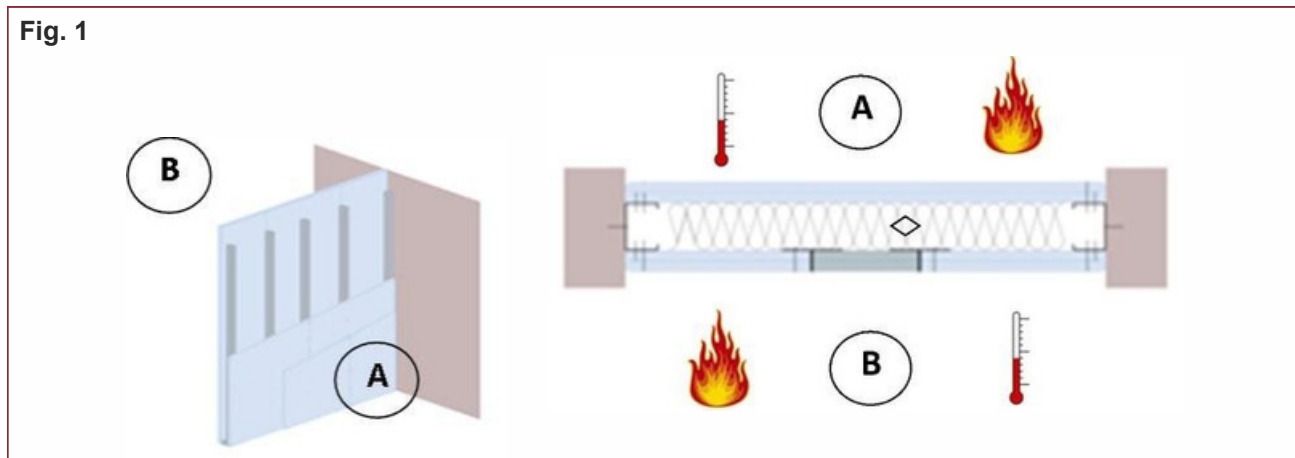
It is present in the classification reports, which are the only document that the manufacturer is required to provide.

FF SYSTEMS - INTRODUCTION TO THE USE OF THE F4 SYSTEM

PARTITION WALL WITH PANELS

A partition wall is a compartment with both sides in plasterboard that acts as a non-load-bearing dividing element.

Fig. 1



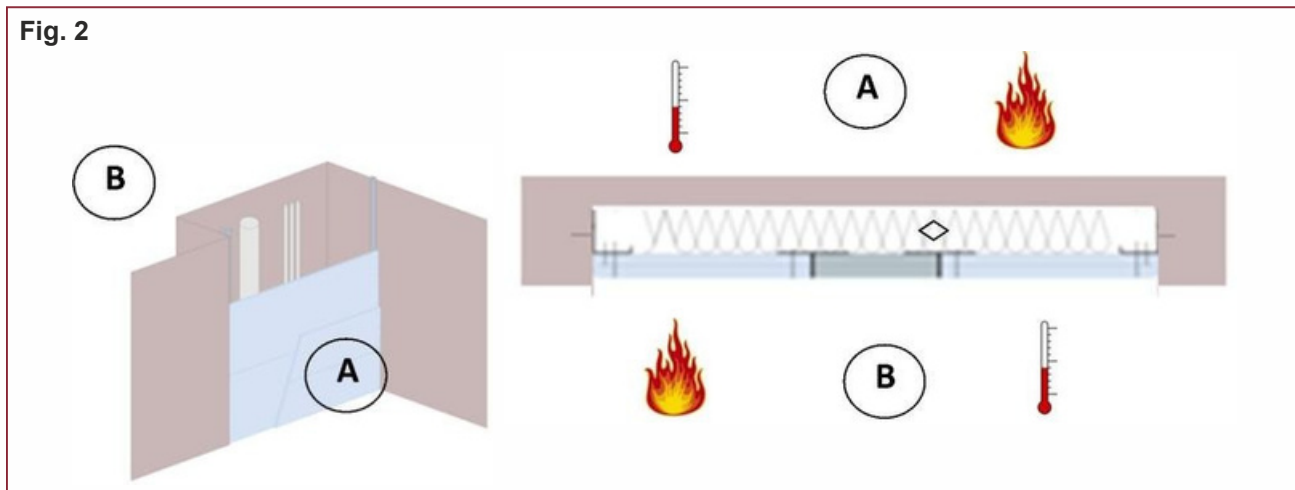
A wall serves to protect a room "A" from a room "B" and vice versa, but what is inserted in the cavity (◇) is not protected for fire protection purposes (figure 1).

The access panel F4 FF Systems allows to be possible access to the wall cavity, maintaining the fire resistance from "A" to "B" and vice versa.

COUNTER WALL WITH PLATES

A counter wall is a cladding with a single side of plasterboard spaced from the existing wall.

Fig. 2



A counter wall serves to increase the already intrinsic resistance of an existing wall, which is covered and which divides and protects a room "A" from a room "B" (figure 2).

What is inserted (◇) between the wall and the counter wall is not protected!

The access panel F4 FF Systems allows access between the wall and the counter wall while maintaining the fire resistance from "A" to "B" and vice versa (figure 2).

Tests carried out according to EN 13501 / use only with flap / pull-out door.

FIRE-RATED ACCESS PANEL

System F4 - For drywall partitions | EI30/EI60/EI90/EI120

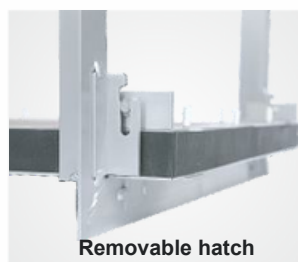
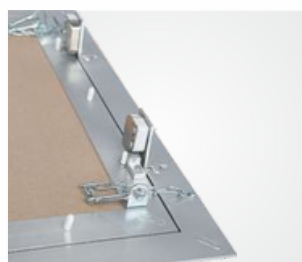
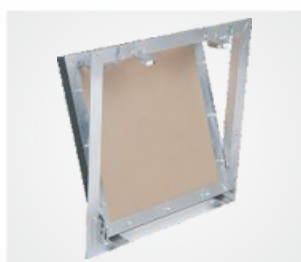
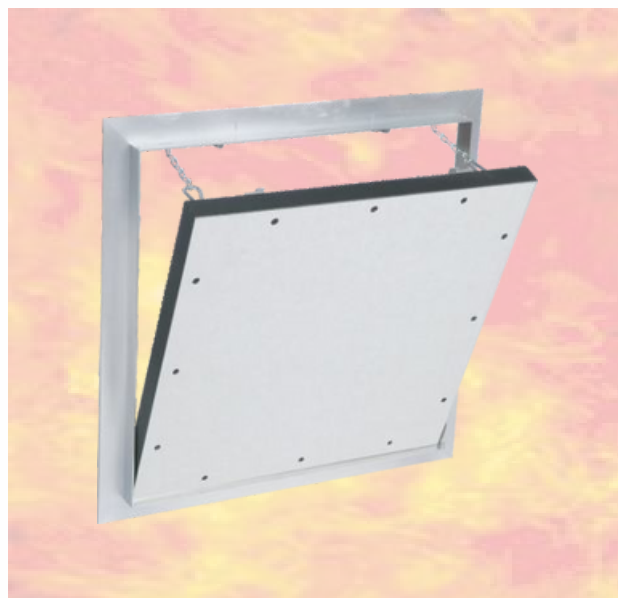


The access panel is made of aluminum frame with a 25 mm GKF gypsum board (EI120 / EI90 / EI60 / EI30) and two or more snap locks.

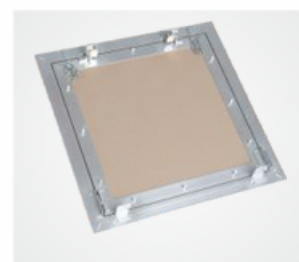
The two frames of the access panel consist of four profiles solidly welded together using a special process. The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 1.75 mm joint provided with a profiled fire (expansion) gasket is left between the frame and the door.

The concealed snap locks open the access panel when pressure is applied to the flap on the spring loaded latch side.

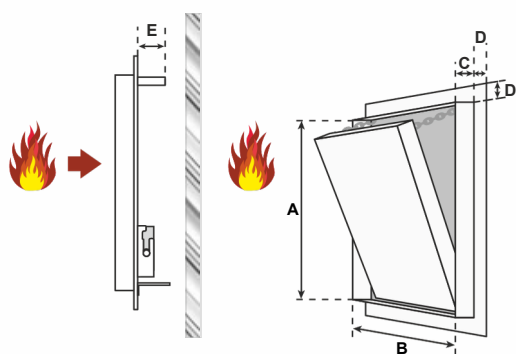


Removable hatch



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



Left picture: side view closed, with latches

A and B = inside frame measurement
C = 25 mm | D = 28 mm | E = 40 mm

POSSIBILITY OF APPLICATION

On drywall partition: EI30/EI60/EI90/EI120
Tested in accordance with the European Norms EN1364-1.

DIMENSIONS

The access panel is tested to size 1000x1000 mm with certificate from two sides.

Dimensions D and E remain constant.

Dimension C corresponds to the respective cladding thicknesses.

LOCKS

Possibility of inserting locks following technical consultation.

NOW ALSO AVAILABLE FOR COUNTER WALLS COOPERATING

Soluzioni a basso costo
Consegne in tempi ridotti
Installazione rapida e senza problemi
Solidi profili in alluminio
Soluzione tecnicamente affermata
Installazione a filo muro in pareti di gesso rivestito

PARTICULAR ADVANTAGES

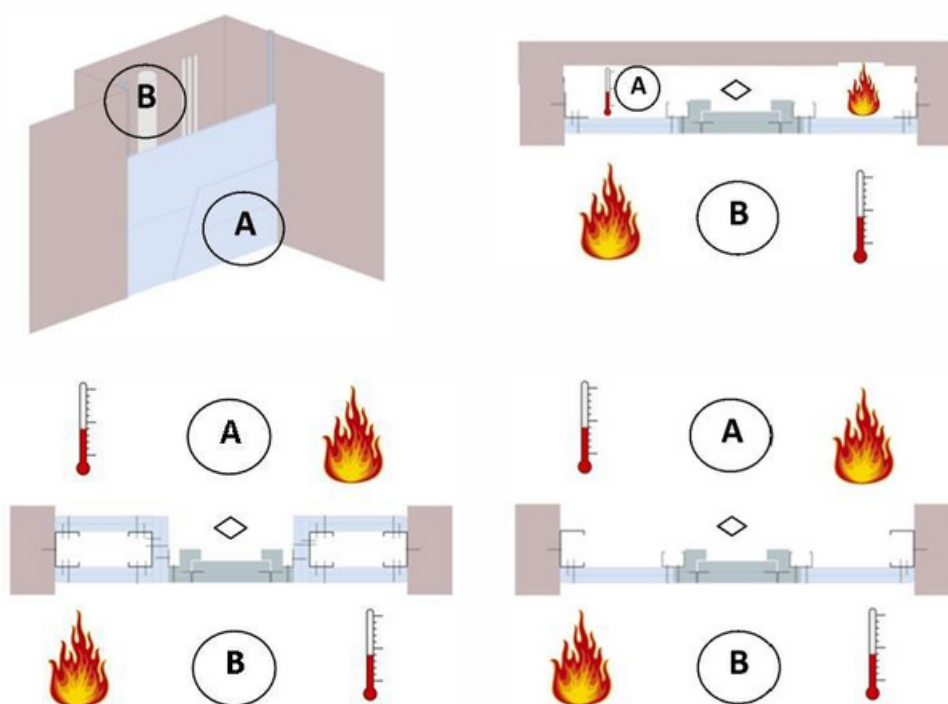
- Economical solution
- Fast delivery
- Quick and easy installation
- Technically proven solution
- Solid aluminum frame
- Flush wall installation in covered plaster wall

FF SYSTEMS - INTRODUCTION TO THE USE OF THE F5 SYSTEM

CAVITY OR SELF-SUPPORTING CEILING WITH SLABS

A cavity or self-supporting septum is a single-sided covering that, for fire prevention purposes, is not connected to any wall that may be behind it.

Fig. 3



The F5 FF Systems is tested for use in this type of construction.

The claim on this inspection hatch is very high, as it has to stand alone for fire resistance on both sides. The F5 FF Systems access panel has been tested according to the European standard EN 1364-1 independently of the structure in which it is inserted.

A technical cavity directly protects everything behind it and the test does not consider any existent walls. The F5 FF Systems thanks to the passing of strict fire tests, if installed correctly, allows us to inspect everything that may be immediately behind the trapdoor, with the relative fire resistance achieved (figure 3).

Everything that is inserted immediately behind the trapdoor is protected and vice versa (figure 3).

Tested according to EN 1364-1/ use only with flap opening / removable door.

FIRE-RATED ACCESS PANEL

System F5 - For cavity / self-supporting ceiling | EI30

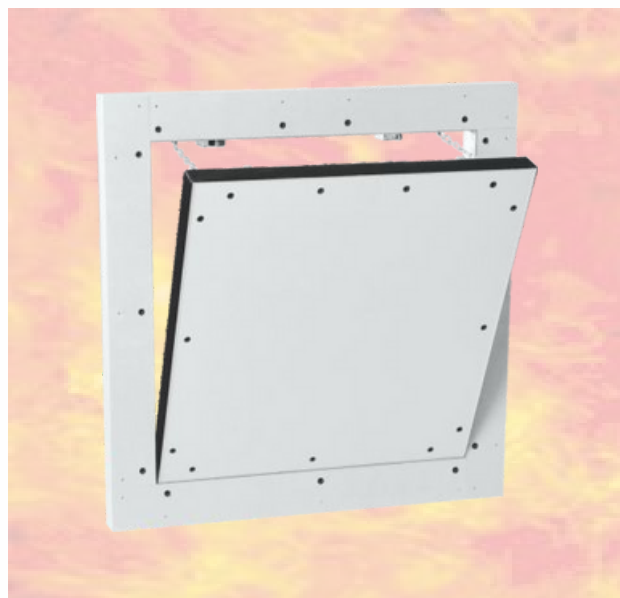


The access panel is made of aluminum frame with a 25 mm GKF gypsum board (2x12,5 mm).

The two frames of the access panel consist of four profiles solidly welded together using a special process with the addition of a 25 mm thick external covered plaster frame. The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 1,75 mm joint provided with a profiled fire (expansion) gasket is left between the frame and the door.

The concealed snap locks open the access panel when pressure is applied to the flap on the spring loaded latch side.

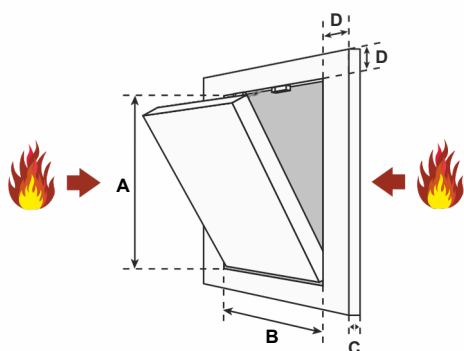


Removable hatch



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



A and B = inside frame measurement
C = 25 mm D = 55 mm

POSSIBILITY OF APPLICATION

In technical cavity with EI30 fire protection.
Tested in accordance with the European Norms EN1634-1.

DIMENSIONS

The access panel is tested to size 800x800 mm with certificate BILATERAL.

Light hole: door measure
Wall hole: door measure + 115 mm

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Technically proven solution
- Quick installation in cavity
- Suitable for tiling



FIRE-RATED ACCESS PANEL

System F5 - For cavity / self-supporting ceiling | EI60



The access panel is made of aluminum frame with a 30 mm GKF gypsum board (2x15 mm).

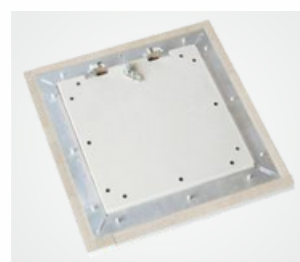
The two frames of the access panel consist of four profiles solidly welded together using a special process with the addition of a 30 mm thick external covered plaster frame. The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 2,5 mm joint provided with a profiled fire (expansion) gasket is left between the frame and the door.

The concealed snap locks open the access panel when pressure is applied to the flap on the spring loaded latch side.

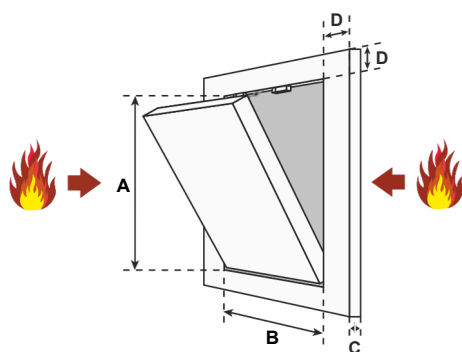


Removable hatch



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



A and B = inside frame measurement
C = 25 mm D = 55 mm

POSSIBILITY OF APPLICATION

In technical cavity with EI60 fire protection.
Tested in accordance with the European Norms EN1634-1.

DIMENSIONS

The access panel is tested to size 800x800 mm with certificate BILATERAL.

Light hole: door measure
Wall hole: door measure + 115 mm

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

PARTICULAR ADVANTAGES

- Economical solution
- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation in cavity
- Suitable for tiling
- Bilateral test



watch
installation
video

Plates on two sides



watch
installation
video

FIRE-RATED ACCESS PANEL

System F5 - For cavity / self-supporting ceiling | EI90-120



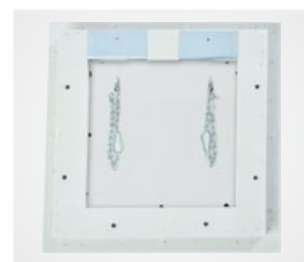
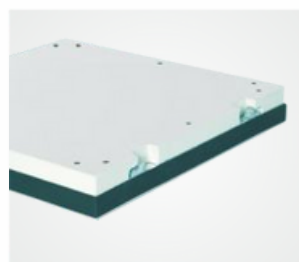
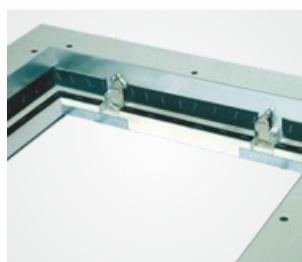
The access panel is made of aluminum frame with a 40 mm, 43 mm, 45 mm, 50mm GKF fire-rated gypsum board.

The two frames of the access panel consist of four profiles solidly welded together using a special process with the addition of a external covered plaster frame.

Thanks to the double back layer, the necessary protection is obtained. The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

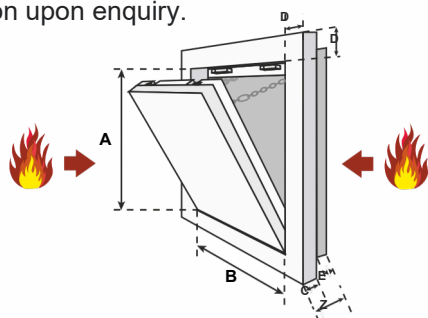
A 1,75 mm joint provided with a profiled fire (expansion) gasket is left between the frame and the door.

The concealed snap locks open the access panel when pressure is applied to the flap on the spring loaded latch side.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



A and B = inside frame measurement
C = cladding thickness (40-43-45-50 mm) | D = 55 mm
E = variable dimension:
with 40 mm GKF = 40 mm | with 43 mm GKF = 37 mm
with 45 mm GKF = 35 mm | with 50 mm GKF = 30 mm
Z = C+E = total thickness 80 mm
Dimension D remain constant. Dimension E varies according to the thickness.
Dimension C corresponds to the respective cladding thicknesses.
Dimension Z 80 mm overall.

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation in cavity
- Suitable for tiling
- Bilateral test

POSSIBILITY OF APPLICATION

In technical cavity with fire protection:

- with 40 mm plate
- with 43 mm plate
- with 45 mm plate
- with 50 mm plate

Tested in accordance with the European Norms EN1634-1.

DIMENSIONS

The access panel is tested to size 1500x1000 mm with certificate BILATERAL.

Light hole: door measure - 50 mm

Wall hole: door measure + 115 mm

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



watch
installation
video

Cavity

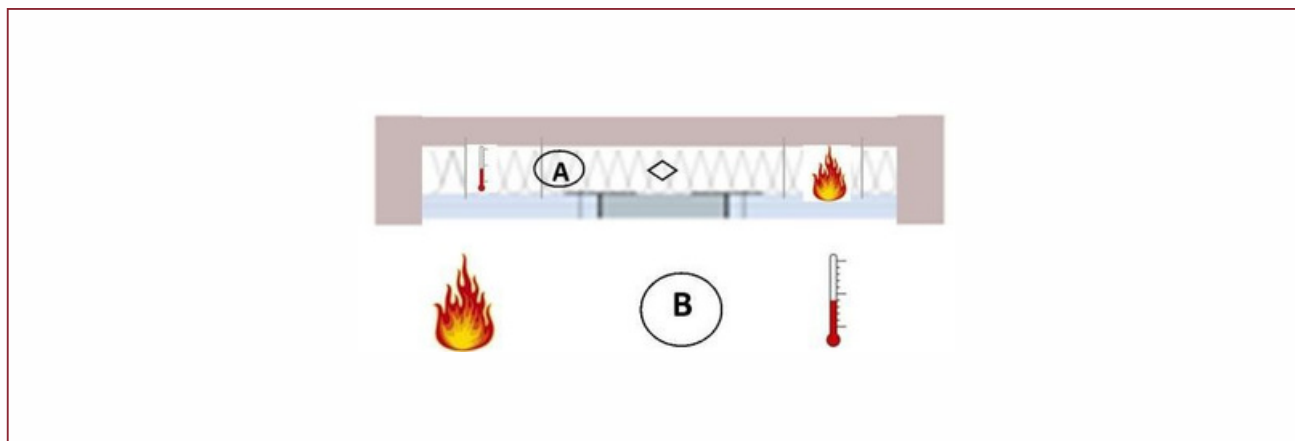


watch
installation
video

FF SYSTEMS - INTRODUCTION TO THE USE OF THE F6 SYSTEM

MEMBRANE CEILING

This type of false ceiling is built to protect everything immediately above it and is completely independent, for fire prevention purposes, from the ceiling to which it is anchored. It differs from collaborative ceilings, which are a simple covering designed to improve the fire resistance of an existing ceiling, but without giving protection to the systems present in the cavity.



The F6 FF Systems system for false ceilings has been designed to be inserted in membrane ceilings and thanks to the passing of strict fire tests, it allows the inspection of everything that may be between the false ceiling and the attic with the relative fire resistance achieved.

Anything inserted immediately behind the hatch is protected and vice versa.

Tests carried out according to standard 1364-2 / removable access panel.

FIRE-RATED ACCESS PANEL

System F6 - For ceiling | EI30

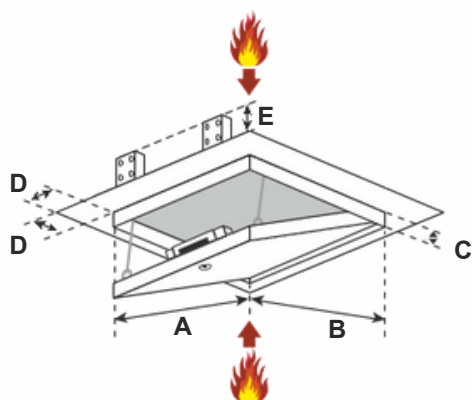


The access panel is made of aluminum frame with 18 mm, 20 mm, 25 mm thick gypsum board.

The two frames of the access panel consist of four profiles solidly welded together using a special process.

The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 1,75 mm joint provided with a profiled fire (expansion) gasket is left between the frame and the door.



Example EI30 with 25 mm GKF
D = 28 mm | E = 40 mm available with thickness 18, 20 o 25 mm (EI30)

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation on ceiling
- Bilateral membrane test

WITHOUT REAR FIRE COVER!

POSSIBILITY OF APPLICATION

On ceilings with EI30 membrane fire resistance. Tested in accordance with the European Norms EN1364-2.

DIMENSIONS

The access panel is tested to size 800x800 mm with certificate BILATERAL.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



FIRE-RATED ACCESS PANEL

System F6 - For ceiling | EI60



The access panel is made of aluminum frame with Fireboard 30 mm gypsum board.

The two frames of the access panel consist of four profiles solidly welded together using a special process.

The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 2,5 mm joint provided with a profiled fire (expansion) gasket is left between the frame and the door.

The concealed snap locks open the access panel when pressure is applied to the flap on the spring loaded latch side.

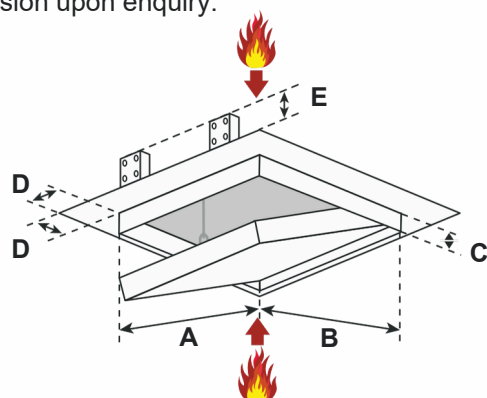


Removable hatch



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



POSSIBILITY OF APPLICATION

On ceilings with EI60 membrane fire resistance. Tested in accordance with the European Norms EN1364-2.

DIMENSIONS

The access panel is tested to size 800x800 mm with certificate BILATERAL.

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation on ceiling
- Bilateral membrane test

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



watch
installation
video

FIRE-RATED ACCESS PANEL

System F6 - For ceiling | EI90



optional

55

SYSTEM F6

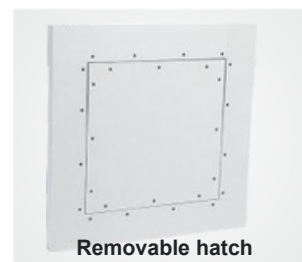
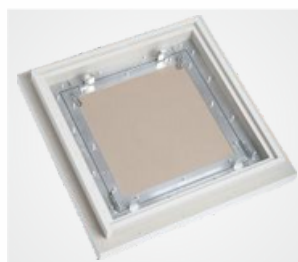
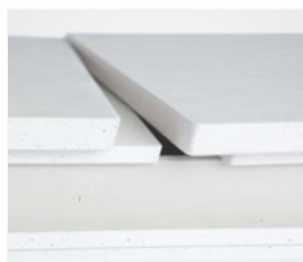
The access panel is made of aluminum frame with a 40 mm, 43 mm, or 45 mm GKF gypsum board. Each of the two frames of the access panel consists of four profiles solidly welded together using a special process.

Thanks to the addition of an external gypsum board frame and a movable top cover, the required protection is achieved.

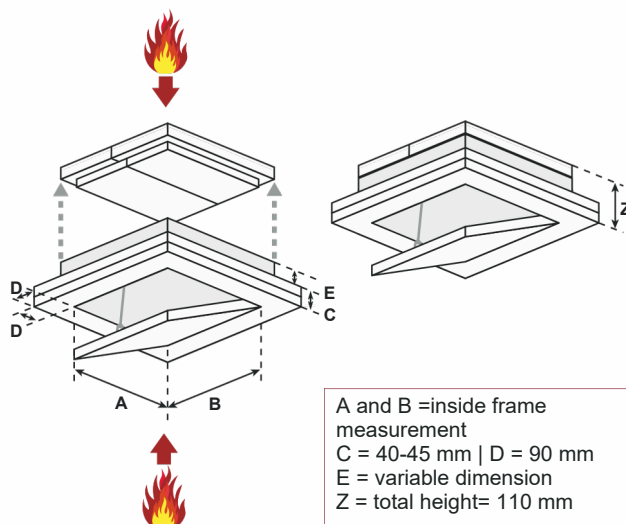
The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 1.75 mm gap is left between the frame and the door, fitted with an intumescent fireproof gasket.

The invisible snap locks allow the access panel to open with a simple push.



Removable hatch



A and B = inside frame measurement
C = 40-45 mm | D = 90 mm
E = variable dimension
Z = total height = 110 mm

POSSIBILITY OF APPLICATION

On ceiling with fire protection:

- EI 90 with thick of 40 mm
- EI 90 with thick of 43 mm
- EI 90 with thick of 45 mm

Tested in accordance with the European Norms EN1634-2.

DIMENSIONS

The access panel is tested to size 800x800 mm with certificate BILATERAL.

Dimension D remains constant.

Dimension E varies according to GKF thickness

Dimension C corresponds to the respective cladding thicknesses.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



watch
installation
video

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation on ceiling

FIRE-RATED ACCESS PANEL

System F6 - For ceiling | EI120



The access panel is made of aluminum frame with a 50 mm Fireboard fire-resistant gypsum board, classified as reaction to fire class A1.

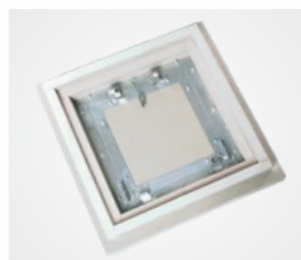
Each of the two frames of the access panel consists of four profiles solidly welded together using a special process.

Thanks to the addition of an external 100 mm wide frame made of 50 mm Fireboard gypsum board and a movable top cover, the required protection is achieved.

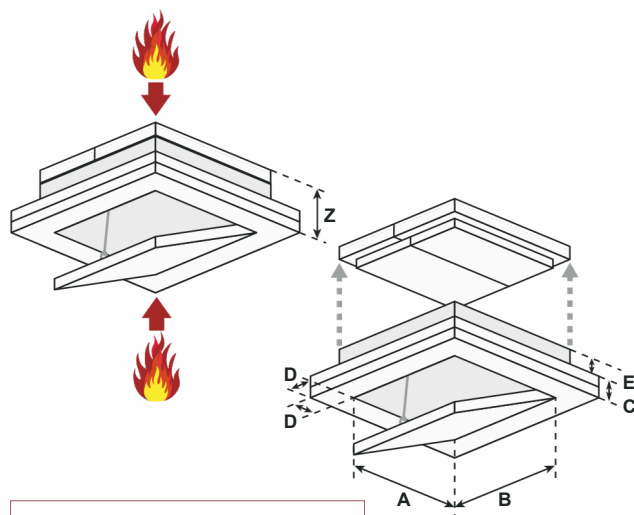
The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 2.5 mm gap is left between the frame and the door, fitted with an intumescent fireproof gasket.

The invisible snap locks allow the inspection hatch to open with a simple push.



Removable hatch



A and B = inside frame measurement
C = 50 mm
D = 110 mm
E = 45 mm
Z = total height = 120 mm

POSSIBILITY OF APPLICATION

Membrane drywall ceilings.

Tested in accordance with the European Norms EN1364-2.

DIMENSIONS

The access panel is tested to size 800x800 mm with certificate BILATERAL.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation on ceiling
- Bilateral membrane test



watch
installation
video

FF SYSTEMS - INTRODUCTION TO THE USE OF THE BMW SYSTEM FOR MASONRY

Masonry walls/cavity walls or blocks

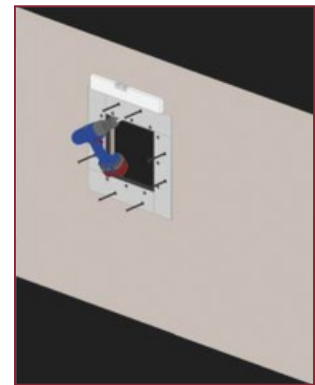
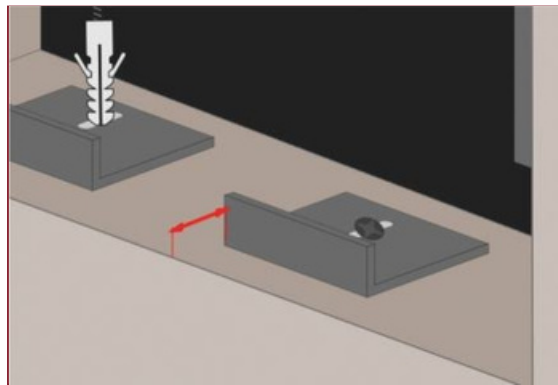
MASONRY CAVITY OR WALL

A masonry cavity is a vertical septum that alone protects, for fire protection purposes, the installations that may be behind it.

The F5 FF Systems system has passed stringent fire tests that allow it to be used in masonry, block construction.

In this case, any type of rigid construction is permitted as long as it has its own fire rating equal to or greater than the F5 system used, it is at least 10 cm thick and it has a density of the material used of at least 650 kg/mc.

Example of mounting an F5 hatch on a block wall:



Everything immediately behind the hatch is protected and vice versa.

Tested in accordance with EN 1364-1 / use exclusively with flap opening /removable door.

FIRE-RATED ACCESS PANEL

System BMW - For solid wall | EI 60



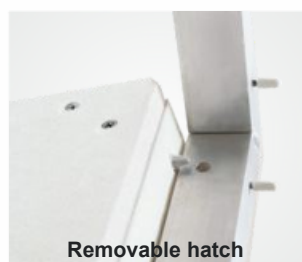
The access panel is made of aluminum frame with a 30 mm GKF gypsum board (EI60).

The two frames of the access panel consist of four profiles solidly welded together using a special process.

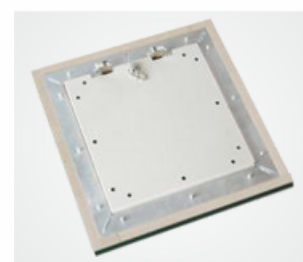
The access panel is supplied with one or more safety chains with carabiners, which must be reattached after each opening of the door to prevent accidents.

A 2.5 mm gap is left between the frame and the door, fitted with an intumescent fireproof gasket.

The invisible snap locks allow the inspection hatch to open with a simple push.

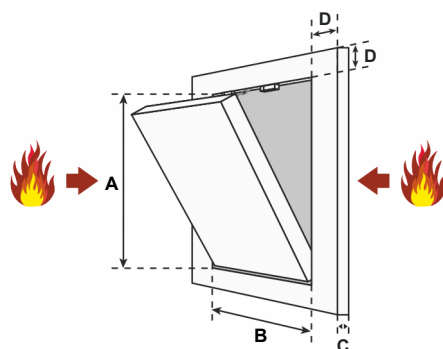


Removable hatch



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



A and B = inside frame measurement
C = 30 mm
D = 57 mm

POSSIBILITY OF APPLICATION

In solid walls with EI60 fire protection:
for all suitable solid wall constructions.

DIMENSIONS

The access panel is tested to size 800x800 mm with certificate BILATERAL.

Light hole: door measure

Wall hole: door measure + 115 mm

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation on solid wall
- Bilateral membrane test
- Suitable for tiling

FIRE-RATED ACCESS PANEL

System BMW - For solid wall | EI 90-EI120

The access panel is made of aluminum frame with a 40 mm GKF gypsum board.

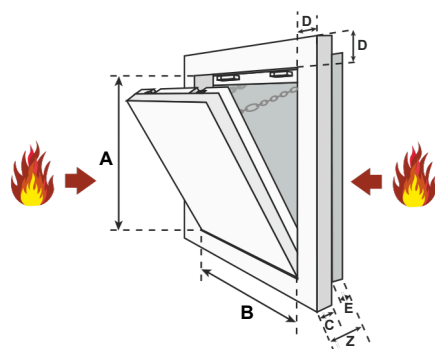
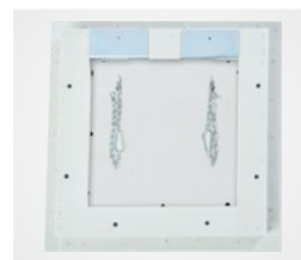
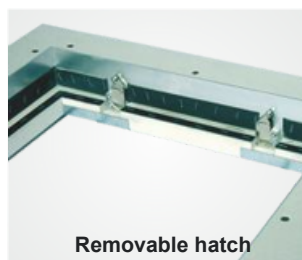
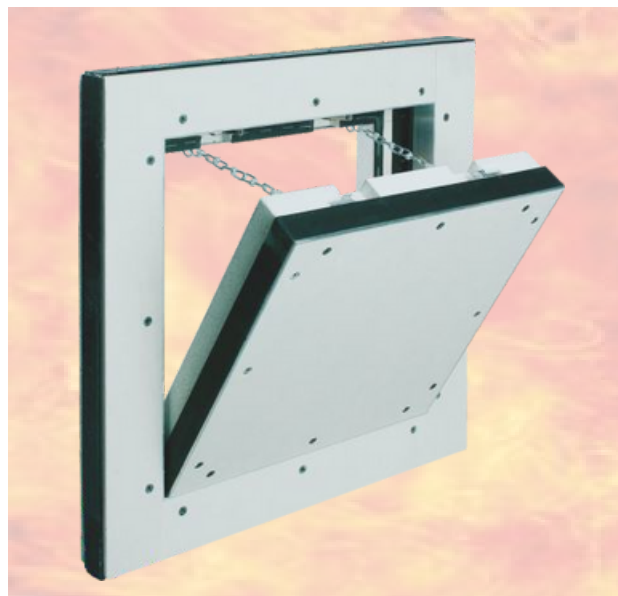
Each of the two frames of the access panel consists of four profiles solidly welded together using a special process, with the addition of a gypsum frame externally fitted with an intumescent fireproof gasket.

The double rear layer provides the required protection.

The access panel is supplied with two or more safety chains with carabiners, which must be reattached after each opening to prevent accidents.

A 1.75 mm gap is left between the frame and the door, fitted with an intumescent fireproof gasket.

The invisible snap locks allow the inspection hatch to open with a simple push.



A and B = inside frame measurement
 C = cladding thickness (40-43-45-50 mm) | D = 57 mm
 E = variable dimension:
 with 40 mm GKF = 40 mm | with 43 mm GKF = 37 mm
 with 45 mm GKF = 35 mm | with 50 mm GKF = 30 mm
 Z = C+E = total thickness 80 mm
 Dimension D remain constant. Dimension E varies according to the thickness.
 Dimension C corresponds to the respective cladding thicknesses.
 Dimension Z 80 mm overall.

POSSIBILITY OF APPLICATION

In solid walls with EI90/EI120 fire protection:
 for all suitable solid wall constructions.

DIMENSIONS

The access panel is tested to size 1500x1000 mm
 with certificate BILATERAL.

Light hole: door measure - 50 mm
 Wall hole: door measure + 115 mm

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every
 dimension upon enquiry.

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Quick installation on solid wall
- Bilateral membrane test
- Suitable for tiling

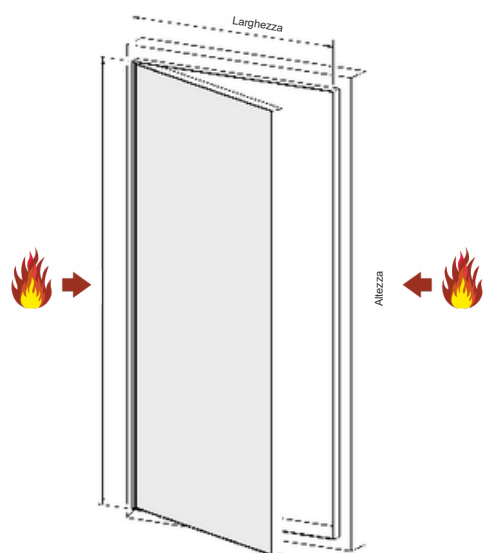


FIRE-RATED ACCESS PANEL JUMBO SYSTEM



System for plasterboard walls, shaft walls and solid brickness wall
Fire resistance EI 30

The access panel "door type" offers a flush wall installation with no visible frame or hinges. The outer frame is made of a very stable aluminum tubular frame, while the inner frame is made of aluminum profiles welded using a special process. A 3 mm gap remains between the frame and the door panel, fitted with an intumescent seal. The invisible snap locks allow the inspection hatch to open with a simple press. Additional locks (standard square male type) are available to prevent access by unauthorized persons. Special, very sturdy hinges allow a side opening, which can be either right or left-hand (on request).



Tested in accordance with EN 13501-2 and EN 1634-3 (+ EN 1634-3 smoke resistant test)

POSSIBILITY OF APPLICATION

- Plasterboard walls (non-load-bearing) fire resistance EI30
- Solid brickness wall, fire resistance EI30

DIMENSIONS

- Width: min. 500 mm max. 800 mm
- Height: min. 800 mm / max 1800 mm

(tested up to L.800 mm x H.1800 mm)

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Fast delivery
- Quick and easy installation
- Sophisticated solution
- Flush installation of the wall/cavity
- Invisible outer frame and hinges
- Particularly stable design
- Lateral opening

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



ACOUSTICLINE



FIRELINE



ADVANCED ACCESS PANELS

FFSystems

ACOUSTIC LINE FIRE PROTECTION ACCESS PANEL

System BSA - EI30 - For walls | EI30

Tested in accordance with **EN ISO 10140-2:2010**
(Measurement of airborne sound insulation)

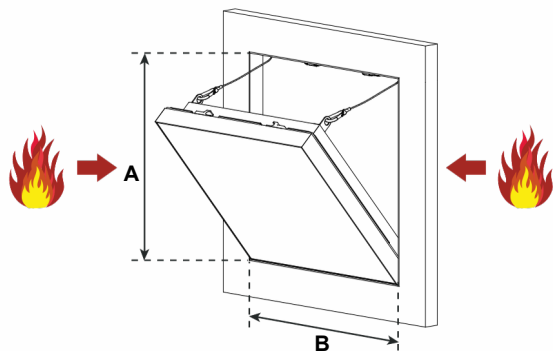
Test airtight and dustproof in accordance with **DIN EN 12207**

The access panel is made of aluminum frame with a double high-strength 12.5 mm thick panel. On the back side, a special acoustic structure is installed, which can be easily removed.

The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible only on walls.

A 2.5 mm gap remains between the frame and the door panel, fitted with a double airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the hatch. The invisible snap locks allow the access panel to open with a simple press.

Wall application only.



PARTICULAR ADVANTAGES

- Fast delivery
- Production of special sizes
- Sophisticated solution
- Quick wall installation
- Removable door
- High sound insulation



OUR ACOUSTIC LINE BSA MEETS SOUND
INSULATION REQUIREMENTS OF UP TO 42 DB

Tested by bti puchenau according to
EN ISO 10140-2:2010

POSSIBILITY OF APPLICATION

Flush installation for plasterboard walls and ceilings where acoustic insulation is required according to EN ISO 10140-2:2010.

Airtight and dustproof test according to DIN EN 12207. In walls with sound insulation requirements.

CUSTOMIZED SOLUTIONS

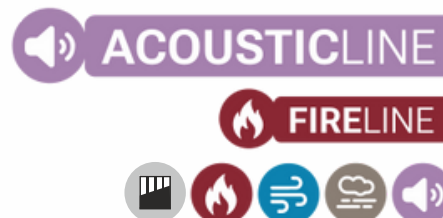
Customized sizes can be produced in every dimension upon enquiry.

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACOUSTIC LINE FIRE PROTECTION ACCESS PANEL

System BSA - EI60 - For walls | EI60



Tested in accordance with **EN ISO 10140-2:2010**
(Measurement of airborne sound insulation)

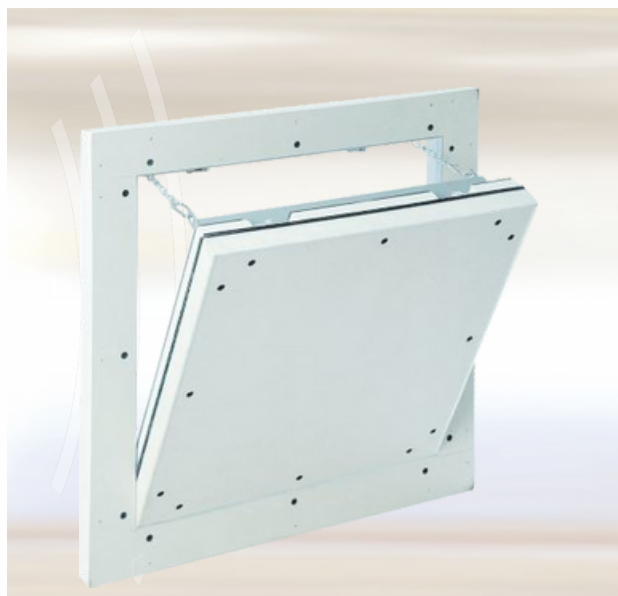
Test airtight and dustproof in accordance with **DIN EN 12207**

The access panel is made of aluminum frame with a double high-strength 15 mm thick panel. On the back side, a special acoustic structure is installed, which can be easily removed.

The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible only on walls.

A 2.5 mm gap remains between the frame and the door panel, fitted with a double airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the hatch. The invisible snap locks allow the access panel to open with a simple press.

Wall application only.



OUR ACOUSTIC LINE BSA MEETS SOUND
INSULATION REQUIREMENTS OF UP TO 42 DB

Tested by bti puchenau according to
EN ISO 10140-2:2010

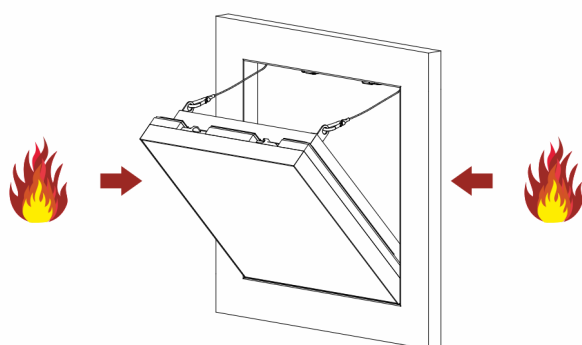
POSSIBILITY OF APPLICATION

Flush installation for plasterboard walls and ceilings where acoustic insulation is required according to EN ISO 10140-2:2010.

Airtight and dustproof test according to DIN EN 12207. In walls with sound insulation requirements.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



PARTICULAR ADVANTAGES

- Fast delivery
- Production of special sizes
- Sophisticated solution
- Quick wall installation
- Removable door
- High sound insulation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACOUSTIC LINE FIRE PROTECTION ACCESS PANEL

System BDA - EI30 - For ceilings | EI30



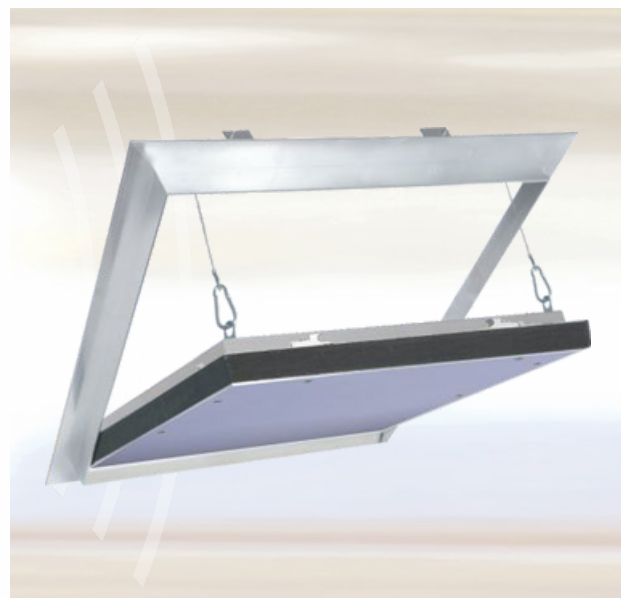
Tested in accordance with **EN ISO 10140-2:2010**
(Measurement of airborne sound insulation)

Test airtight and dustproof in accordance with **DIN EN 12207**

The access panel is made of aluminum frame with a double high-strength panel, 2 × 12.5 mm thick. On the back side, a special acoustic structure is installed, which can be easily removed.

The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible both on walls and ceilings (non-walkable).

A 2.5 mm gap remains between the frame and the door panel, fitted with a double airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the hatch. The invisible snap locks allow the access panel to open with a simple press.



OUR ACOUSTIC LINE BSA MEETS SOUND
INSULATION REQUIREMENTS OF UP TO 42 DB

Tested by bti puchenau according to
EN ISO 10140-2:2010

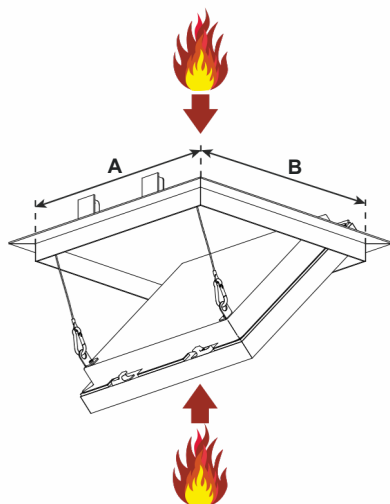
POSSIBILITY OF APPLICATION

Flush installation for plasterboard walls and ceilings where acoustic insulation is required according to EN ISO 10140-2:2010.

Airtight and dustproof test according to DIN EN 12207. In walls with sound insulation requirements.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



PARTICULAR ADVANTAGES

- Fast delivery
- Production of special sizes
- Sophisticated solution
- Quick wall and ceiling installation
- Removable door
- High sound insulation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar



ACOUSTICLINE



ADVANCED ACCESS PANELS

FFSystems

WHY SOUND INSULATION?

According to the building regulations of the federal states, adequate sound insulation must be provided 'when constructing or modifying building structures'

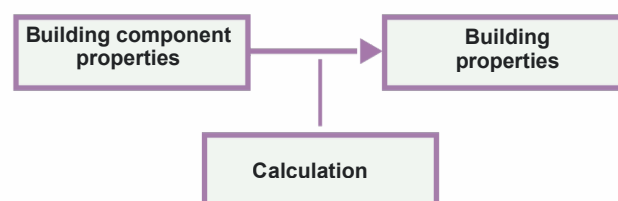
Measurement of the sound insulation of an access panel

- Access panels are a component whose performance (component characteristic value) must be measured.
- The sound insulation of a building component (airborne sound insulation value = component parameter) is given in and is used R_w for the subsequent overall calculation of the building properties

DIN EN ISO 10140

The new DIN EN ISO 10140 standard 'Laboratory measurement of sound insulation of building elements' has been published in 5 parts:

- **Part 1:** 'Rules of application for specific products'
- **Part 2:** 'Measurement of airborne sound insulation'
- **Part 3:** 'Measurement of impact sound insulation'
- **Part 4:** 'Measurement procedures and requirements'
- **Part 5:** 'Requirements for test facilities and equipment'



Sound insulation dimensions of doors

The **sound installation dimensions of doors** usually refer to the laboratory or test facility value $R_{w,P}$

When installed, the values are approx. 5 dB lower due to sound bypasses and installation tolerances. Therefore, the weighted sound reduction index $R_{w,P}$ (measurement in the test room) must be at least 5 dB higher for doors than the $R_{w,R}$ value required for the respective application.

$$R_{w,R} = R_{w,P} - 5 \text{ dB for doors}$$

Doors are divided into different sound insulation classes. The requirements or recommendations for certain types of use are derived from [DIN 4109](#) or [VDI 4100](#).

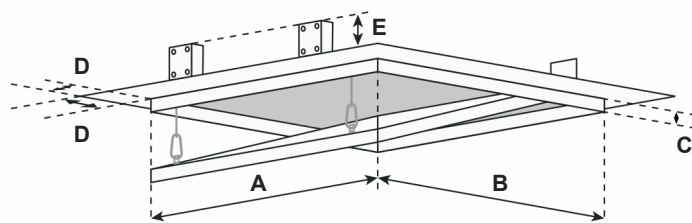
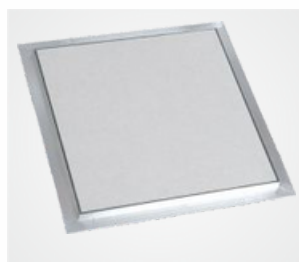
Sound insulation class (SIC)	Name	Building sound reduction index $R_{w,R}$	Test sound reduction index $R_{w,P}$
0		min. 22 dB	min. 27 dB
1	Doors leading from hallways or staircases into corridors and hallways of flats or workrooms	min. 27 dB	min. 32 dB
2	Doors between classrooms or similar rooms and corridors and for hotels and places of accommodation	min. 32 dB	min. 37 dB
3	Doors leading directly from hallways or staircases into living rooms and for treatment rooms in surgeries	min. 37 dB	min. 42 dB
4	Special cases	min. 42 dB	min. 47 dB



ACCESS PANEL AIRTIGHT AND DUST-PROOF

System F2AKL - Aluminium frame, with plasterboard inlay, for ceilings and drywall partitions

The access panel is made of aluminum frame with a 12.5 mm, 15 mm, or 25 mm water-repellent impregnated plasterboard panel and two or more snap closures. The two frames of the access panels are made of four profiles securely welded together using a special procedure. Starting from the size of 300 x 300 mm, the access panel is supplied with one or more safety cables with a carabiner to be re-attached after each opening of the hatch to prevent accidents. The installation of our access panel on walls or ceilings (non-walkable) is immediate and very simple. Between the frame and the hatch door, there is a gap of 3 mm, equipped with a special gasket certified as "air and dust-tight." The invisible snap closures open the access panel with a simple press. No filling is required. **The door, unless otherwise specified, has no screws and is ready to be painted.**



A and B = inside frame measurement
C = frame thickness
D = 24/28 mm
E = 40 mm

OUR ACOUSTIC LINE F2 AKL MEETS SOUND INSULATION REQUIREMENTS OF UP TO 31 DB

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

Tested up to 1000x1000 mm

PARTICULAR ADVANTAGES

- Quick delivery
- Production of special measures
- Also tested with locks
- Sophisticated solution
- Flush installation in ceilings and drywall partitions
- Validated "airtight and dust-proof"

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACOUSTIC LINE ACCESS PANEL

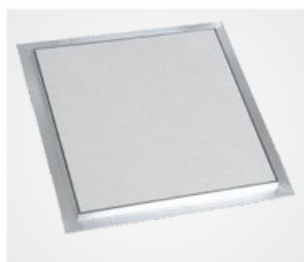
System F2 AKLD - For plasterboard walls/ceilings



Tested in accordance with EN ISO 10140-2:2010
(Measurement of airborne sound insulation)

The access panel is made of aluminum frame with a double high-strength panel, 2 × 12.5 mm thick. The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible both on walls and ceilings (non-walkable).

A 2.5 mm gap remains between the frame and the door panel, fitted with a double airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the hatch. The invisible snap locks allow the access panel to open with a simple press.



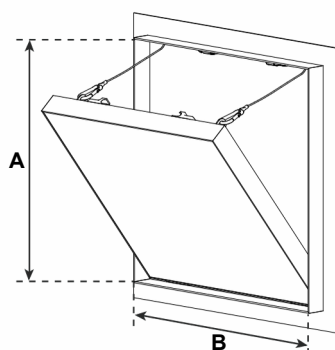
OUR ACOUSTIC LINE AKLD MEETS SOUND INSULATION REQUIREMENTS OF UP TO 35 DB

Tested by bti puchenau according to
EN ISO 10140-2:2010 and IFT-ROSENHEIM
according to DIN EN 12207

Flush installation, both on plasterboard walls and ceilings where acoustic insulation is required according to EN ISO 10140-2:2010.

Airtight and dustproof test according to DIN EN 12207.

- In walls with sound insulation requirements.
- In ceilings with sound insulation requirements.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Quick delivery
- Production of special measures
- Sophisticated solution
- Quick wall and ceiling installation
- Removable door
- High sound insulation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACOUSTIC LINE ACCESS PANEL

System F2 AA - For walls and ceilings



69

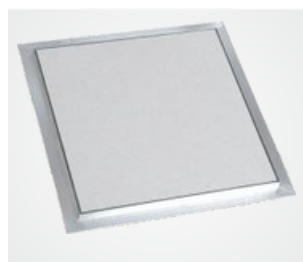
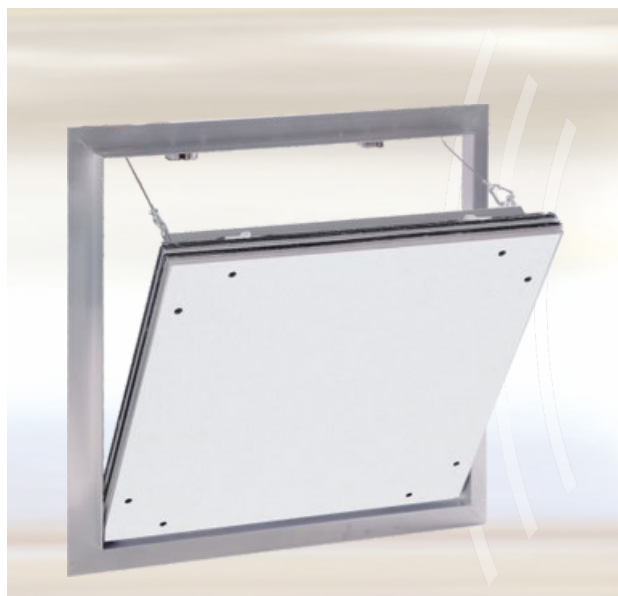
SYSTEM F2AA

Tested in accordance with EN ISO 10140-2:2010
(Measurement of airborne sound insulation)

The access panel is made of aluminum frame with a double high-strength panel, 2 × 12.5 mm thick.

On the back side, a special acoustic structure is installed, which can be easily removed. The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible both on walls and ceilings (non-walkable).

A 2.5 mm gap remains between the frame and the door panel, fitted with a double airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the access panel. The invisible snap locks allow the access panel to open with a simple press.



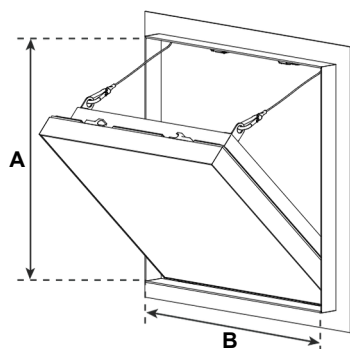
OUR ACOUSTIC LINE AKLD MEETS SOUND INSULATION REQUIREMENTS OF UP TO 42 DB

Tested by bti puchenau according to
EN ISO 10140-2:2010 and IFT-ROSENHEIM
according to DIN EN 12207

Flush installation, both on plasterboard walls and ceilings where acoustic insulation is required according to EN ISO 10140-2:2010.

Airtight and dustproof test according to DIN EN 12207.

- In walls with sound insulation requirements.
- In ceilings with sound insulation requirements.



CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Quick delivery
- Production of special measures
- Sophisticated solution
- Quick wall and ceiling installation
- Removable door
- High sound insulation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACOUSTIC LINE ACCESS PANEL

System F3 AKL - For plasterboard walls, with pivots



The access panel is made of aluminum frame with a plasterboard panel of 12.5 mm, 15 mm, or 25 mm thickness, and features two or more snap locks.

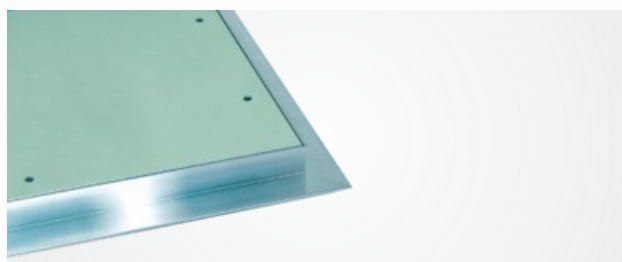
The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible only on walls.

A 2.5 mm gap remains between the frame and the door panel, fitted with an airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the hatch.

The invisible snap locks allow the access panel to open with a simple press.



Example of installation: consignment without tiles

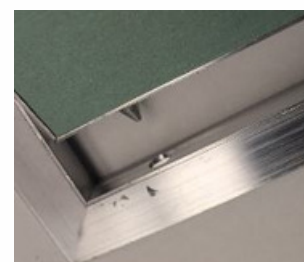


Left picture: closed side view, with latches

A and B = internal measures external frame

C = frame thickness | D = 28 mm | E = 40 mm

For other cladding thicknesses, please do not hesitate to call us.



DIMENSIONS

The access panel is aligned to the grid dimension of the tile. Information on the dimensions of the tiles and joint gaps is required, from which dimensions A and B can be ascertained.

Dimensions D and E remain constant. Dimension C corresponds to the respective cladding thicknesses.

SPECIAL DIMENSIONS

These panels are customizable, produced exactly to dimensions given by customer. Also available with locks.

VERSIONS

Version 1 "tiling the door leaf": the aluminum profile is flush with the plasterboard panel. The tiles are placed upon the profile.

Variante 2 "tiling into the frame": the aluminum profile is higher than plasterboard sheet. The tiles are placed into the frame.

Advantages: easier assembly for the tiler

PARTICULAR ADVANTAGES

- Quick delivery
- Production of special measures
- Sophisticated solution
- Quick wall installation
- Removable door
- High sound insulation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

Version 1



watch
installation
video

Version 2



watch
installation
video

ACOUSTIC LINE ACCESS PANEL

System F3 AKLD - For plasterboard walls, with pivots



Tested in accordance with EN ISO 10140-2:2010
(Measurement of airborne sound insulation)

The access panel is made of aluminum frame with a double high-strength panel, 2 × 12.5 mm thick. The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible only on walls.

A 2.5 mm gap remains between the frame and the door panel, fitted with a double airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the access panel.

The invisible snap locks allow the hatch to open with a simple press.

Wall application only.



OUR ACOUSTIC LINE F3 AKLD MEETS SOUND INSULATION REQUIREMENTS OF UP TO 35 DB

Tested by bti puchenau according to
EN ISO 10140-2:2010 and IFT-ROSENHEIM
according to DIN EN 12207

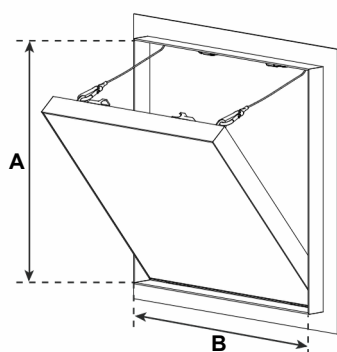
Flush installation, both on plasterboard walls and ceilings where acoustic insulation is required according to EN ISO 10140-2:2010.

Airtight and dustproof test according to DIN EN 12207.

In walls with sound insulation requirements.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.



PARTICULAR ADVANTAGES

- Quick delivery
- Production of special measures
- Sophisticated solution
- Quick wall installation
- Removable door
- High sound insulation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

ACOUSTIC LINE ACCESS PANEL

System F3 AA - For walls



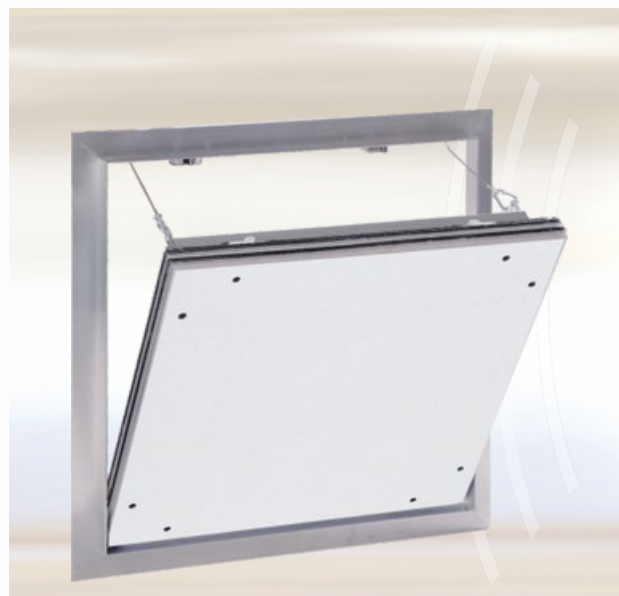
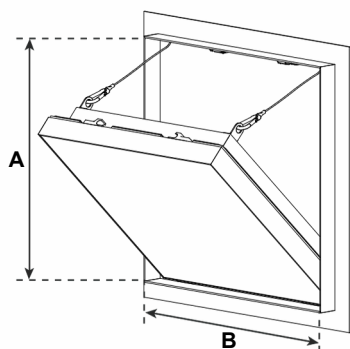
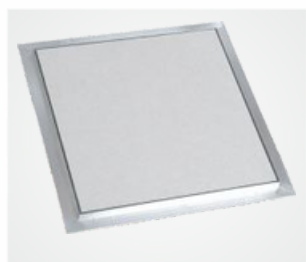
Tested in accordance with EN ISO 10140-2:2010
(Measurement of airborne sound insulation)

The access panel is made of aluminum frame with a double high-strength panel, 2 × 12.5 mm thick. On the back side, a special acoustic structure is installed, which can be easily removed.

The access panel is supplied with one or more safety cables with a carabiner, which must be reattached after each door opening to prevent accidents. Installation is possible both on walls and ceilings (non-walkable).

A 2.5 mm gap remains between the frame and the door panel, fitted with a double airtight and dustproof seal that ensures both sound insulation and a hermetic closure of the hatch. The invisible snap locks allow the access panel to open with a simple press.

Wall application only.



OUR ACOUSTIC LINE FAA MEETS SOUND INSULATION REQUIREMENTS OF UP TO 42 DB

Tested by bti puchenau according to
EN ISO 10140-2:2010 and IFT-ROSENHEIM
according to DIN EN 12207

Flush installation, both on plasterboard walls and ceilings where acoustic insulation is required according to EN ISO 10140-2:2010.

Airtight and dustproof test according to DIN EN 12207.

In walls with sound insulation requirements.

CUSTOMIZED SOLUTIONS

Customized sizes can be produced in every dimension upon enquiry.

PARTICULAR ADVANTAGES

- Quick delivery
- Production of special measures
- Sophisticated solution
- Quick wall installation
- Removable door
- High sound insulation

Locks

- FS** Four-square lock with white collar
- Z** Round-cylinder lock with key
- PZ** Profile cylinder lock with metal collar

Product features



GYPSUM
BOARD WALL



GYPSUM
BOARD CEILING



MASONRY
WALL



MASONRY
CEILING



TILEABLE



AIRTIGHT



RAIN RESISTANT



FIRE RESISTANT



SMOKE PROOF



SOUNDPROOF

Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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WATCH OUR INSTALLATION VIDEOS ON YOUTUBE



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