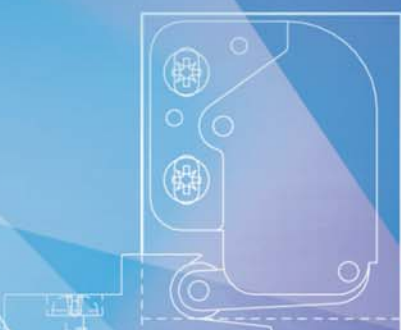




Full Catalogue Access panels



FF Systems

FF Systems – Contact details

Get in touch!

Our experienced sales team at the company headquarters in Münchsdorf will be happy to provide you with reliable advice. Whether standard or custom-made, our trained specialists will find a tailor-made solution together with you.

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www.ffsystems.de

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FF Systems - the company

The company - experienced and innovative!

The company FF Systems GmbH was founded in 1991 as FF Systembau GmbH. After more than 12 years of experience in the housing and finishing sector, the company began to specialise in the construction of access panels in 2003. In recent years, its international distribution network has been further expanded.

The company is based in Münchsdorf in Lower Bavaria.

Thanks to technically mature solutions and high quality standards in the product and service areas, FF Systems is now one of the leading companies in the manufacture of access panels.

The highest reliability of our products as well as our well-trained specialists ensure the sustainable success of the company.



Product range - versatile and innovative!

The FF Systems product range includes access panels for ceiling, wall and floor. We manufacture access panels made of sturdy aluminium with plasterboard inlay or classic sheet steel access panels for ceilings and walls. All access panels are quick and easy to install and are available immediately from stock in many standard dimensions. In addition, special dimensions can be produced in any desired size.

The range of manhole covers/floor panels has also been optimised by the addition of further high-quality products. Manhole covers/floor panels made of aluminium, galvanised steel or stainless steel offer construction professionals all the solutions they need at the highest level of quality.

FF Systems offers you innovative solutions that ensure practical, hassle-free access to your maintenance shafts. Many standard dimensions are immediately available from stock. Special sizes can be produced in any desired size.

Sustainability - Environmental Product Declaration (EPD)

The sustainability of construction is an essential part of FF Systems' corporate policy. Therefore, our company has its Environmental Product Declaration (EPD) according to DIN ISO 14025 as well as EN 15804 for certification according to DGNB, BNB, LEED or BREEAM.

Fire protection - your specialist!

Especially when it comes to fire protection access panels for ceilings and walls, FF Systems can supply the right products for any requirement. Whether for 30 minutes EI30 (I30), 60 minutes EI60, 90 minutes EI90 (I90) or 120 minutes EI120: we have the necessary approvals.

Various fire protection products for different requirements are also available in the area of manhole covers/floor panels.

Quality - a consistent corporate policy!

The highest product quality and absolutely reliable functionality of the products create safety already during installation. Therefore, quality management is not a foreign word for FF Systems, but a consistent company policy. Every employee feels obliged to carry it out. This begins with the use of raw materials and does not end with the delivery of the products: even after completion of the construction measure, our specialists are available to provide advice and assistance.

Our goal

Our goal is to offer our customers a complete range of access panels for ceilings, walls and floors, thereby achieving the highest level of customer satisfaction.

Your FF Systems GmbH

Access panels without fire protection requirement

without fire protection



Page 6

Access panel with fixed hinges

F1 System



Page 7

Access panel for unhinging

F2 Alu-Magic System



Page 8

'Air- and dust-tight' access panel

F2 AKL System



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Access panel for unhinging with plasterboard perforated panel

F2 System



Page 10

Two- or multi-part access panel

F1/F2 System



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Access panel for tiling

F3 System



Page 12

Jumbo-XXL access doors

T-XXL System for wall installation



Page 13

Jumbo-XXL access panel

T-XXL System for ceiling installation



Page 14

Access panel, round, for unhinging

R System



Page 15

Design access panel for ventilation/exhaust systems

F1/F2 System

Access panel with fixed hinges

F1 System - Access panel with or without plasterboard inlay

Product description:

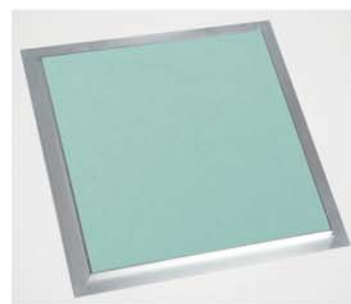
The access panel consists of aluminium profiles, without or with plasterboard inlay (GKBI) 12.5 mm, 15 mm or 25 mm and two snap locks.

The two frames of the access panel each consist of four individual frame parts that are firmly joined together by a special welding process. From size 300 x 300 mm, the access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The use of the access panel in the wall as well as in the ceiling area (not accessible) is possible without any problems.

There is an air gap of 1.5 mm between the frame and the door leaf. The concealed snap locks open the access panel when pressed.



Paint-ready door leaf



Standard sizes for plasterboard inlay 12.5 mm:

F1 System	Dimensions in mm				
	A	B	C	D	E
200200G125	200	200	13	24	40
300300G125	300	300	13	24	40
400400G125	400	400	13	24	40
500500G125	500	500	13	24	40
600600G125	600	600	13	24	40

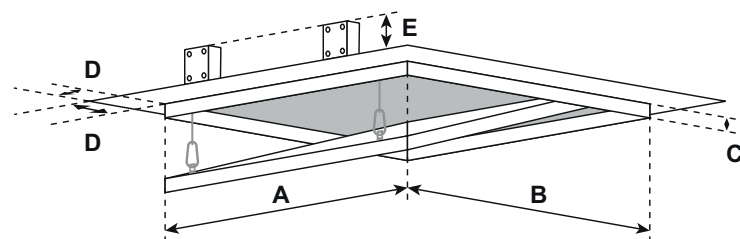
All standard sizes are available for planking thicknesses of 12.5 mm, 15 mm and 25 mm. Please enquire about other planking thicknesses!

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette
- SD** Screwdriver lock
- H** Hexagon socket lock
- P** Hexagon socket lock with safety pin

Of course, the screwed version or only the aluminium frame is also available!



Special designs:

Special dimensions in any desired size can be manufactured on request.

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Sturdy aluminium frame
- Technically mature solution
- Flush installation in plasterboard ceilings and walls
- Can also be used for plasterboard perforated panels
- Better protection against damage or loss, as the door leaf is firmly connected to the outer frame
- Lateral opening possible in the wall area
- Paint-ready door leaf

Wall installation



Watch installation video

Ceiling installation



Watch installation video

Access panel for unhinging

F2 Alu-Magic System - Access panel with or without plasterboard inlay

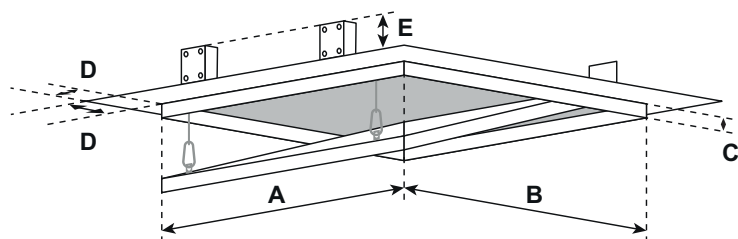
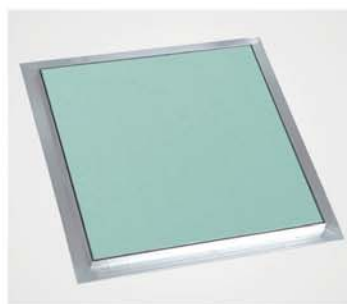


Paint-ready door leaf

Product description:

The access panel consists of aluminium profiles, without or with plasterboard inlay (GKBI) 12.5 mm, 15 mm or 25 mm and two snap locks.

The two frames of the access panel each consist of four individual frame parts that are firmly joined together by a special welding process. From size 300 x 300 mm, the access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The use of the access panel in the wall as well as in the ceiling area (not accessible) is possible without any problems. There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a circumferential seal. The concealed snap locks open the access panel when pressed.



Special designs:

Special dimensions in any desired size can be manufactured on request.

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Sturdy aluminium frame
- Mature technology
- Flush installation in plasterboard ceilings and walls
- Paint-ready door leaf
- Can also be used for plasterboard perforated panels

Standard sizes for plasterboard inlay 12.5 mm:

F2 System	Dimensions in mm				
	A	B	C	D	E
AK200200G125	200	200	13	24	40
AK300300G125	300	300	13	24	40
AK400400G125	400	400	13	24	40
AK500500G125	500	500	13	24	40
AK600600G125	600	600	13	24	40

All standard sizes are available for planking thicknesses of 12.5 mm, 15 mm and 25 mm. Please enquire about other planking thicknesses!

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette
- SD** Screwdriver lock
- H** Hexagon socket lock
- P** Hexagon socket lock with safety pin

Of course, the screwed version or only the aluminium frame is also available!

Wall installation



Watch installation video

Ceiling installation



Watch installation video

'Air- and dust-tight' access panel

F2 AKL System - Access panel with plasterboard inlay

air- and dust-tight

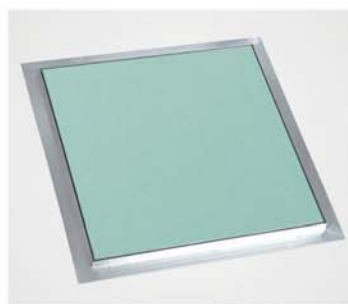
Product description:

The access panel consists of aluminium profiles with GKBI 12.5 mm, 15 mm or 25 mm plasterboard insert and two snap locks.

The two frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The use of the access panel in the wall as well as in the ceiling area (not accessible) is possible without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, which is fitted with a newly developed special brush seal. The concealed snap locks open the access panel when pressed.



Paint-ready door leaf



Air-tight in accordance with DIN EN 12207
(Air permeability classification - windows and doors)

Standard sizes for plasterboard inlay 12.5 mm:

F2 AKL System	Dimensions in mm				
	A	B	C	D	E
AKL200200G125	200	200	13	28	40
AKL300300G125	300	300	13	28	40
AKL400400G125	400	400	13	28	40
AKL500500G125	500	500	13	28	40
AKL600600G125	600	600	13	28	40

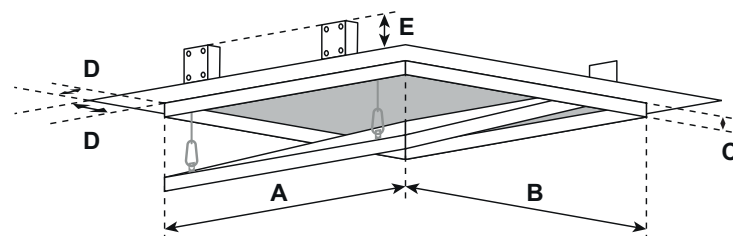
All standard sizes are available for planking thicknesses of 12.5 mm, 15 mm and 25 mm. Please enquire about other planking thicknesses!

Tested up to 1000 x 1000 mm

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette



Special designs:

Special dimensions in any desired size can be manufactured on request.

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Also tested with locks
- Mature technology
- Flush installation in plasterboard ceilings and walls
- Proof of 'air- and dust-tightness': Test report no. 106 34533 (ift Rosenheim)
- Proof of 'smoke-tightness' Test report no. 15-001775-PR02 (ift Rosenheim)

Access panel for unhinging with plasterboard perforated panel

F2 System - Access panel with plasterboard perforated plate for plasterboard ceilings

for unhinging with
perforated panel



Product description:

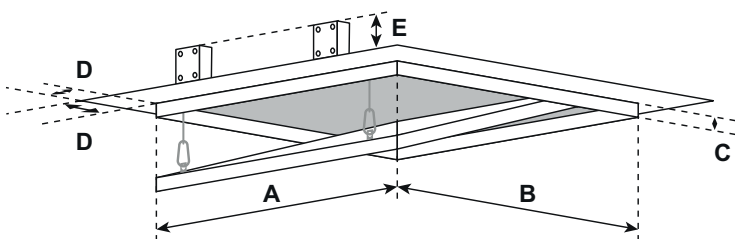
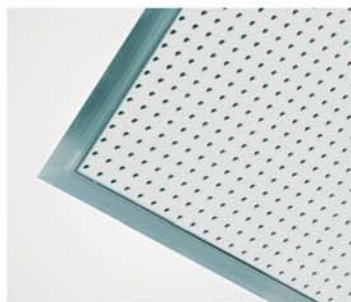
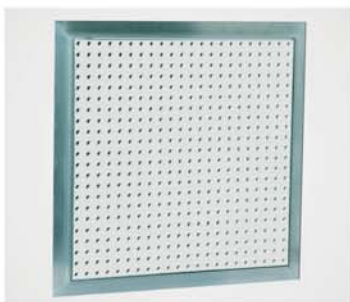
The access panel consists of aluminium profiles with 10 mm, 12.5 mm or 15 mm plasterboard perforated plate inlays and two snap locks.

The two frames of the access panel each consist of four individual frame parts that are firmly joined together by a special welding process. From size 300 x 300 mm, the access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf.

There is an air gap of 0.5 mm between the frame and the door leaf. The concealed snap locks open the access panel when pressed.

The door leaf can be unhinged!

All currently common perforations can be used.
More than 30 different perforations in stock!



Example with 12.5 mm perforated plasterboard plate

A+B: Depending on type of hole.
Is adapted to the existing hole pattern with millimetre precision.
C: 13 mm
D: 24 mm to 28 mm
E: 40 mm

Special designs:

Special dimensions in any desired size can be manufactured on request.

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation (including retrofitting)
- Sturdy aluminium frame
- Technically mature solution
- Flush installation in perforated plasterboard ceilings
- Fits exactly to the existing hole pattern
- No more time-consuming fitting on the construction site required

Locks:

The access panel can be designed with the following lock types:

- | | |
|-----------|--|
| FS | Square lock with white rosette |
| Z | Round cylinder lever lock with key |
| PZ | Profile cylinder lock with metal rosette |
| SD | Screwdriver lock |
| H | Hexagon socket lock |
| P | Hexagon socket lock with safety pin |



Watch installation
video

Two- or multi-part access panel

two- or multi-part

Plasterboard walls

F1 System

Two-part access panel with fixed hinges and plasterboard inlay for plasterboard walls



Product description:

The access panel consists of aluminium profiles, without or with plasterboard inlay 12.5 mm, 15 mm or 25 mm and snap locks.

The frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. There is an air gap of 1.5 mm between the frame and the door leaf. The concealed snap locks open the access panel when pressed.

This system has been specially developed for oversizes in plasterboard walls. The door leaf is in two parts. Despite the division of the door leaf, there is **no fixed centre bar**, so that the full clear passage is maintained!

The door leaves **cannot be unhinged!**

Possible applications:

Non-load-bearing plasterboard walls indoors

Dimensions: These are made-to-measure products that are manufactured exactly according to the customer's specifications.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette
- SD** Screwdriver lock
- H** Hexagon socket lock
- P** Hexagon socket lock with safety pin

Plasterboard ceilings

F2 System

Two- or multi-part access panel for unhinging with plasterboard inlay for plasterboard ceilings



Product description:

The access panel consists of aluminium profiles, without or with plasterboard inlay 12.5 mm, 15 mm or 25 mm and snap locks.

The frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. There is an air gap of 1.5 mm between the frame and the door leaf. The concealed snap locks open the access panel when pressed.

This system has been specially developed for oversizes in plasterboard ceilings. The door leaf is in two parts. Despite the division of the door leaf, there is **no fixed centre bar**, so that the full clear passage is maintained!

The door leaves **can be unhinged!**

Possible applications:

Non-load-bearing plasterboard ceilings indoors

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Sturdy aluminium frame
- Technically mature solution
- Flush installation in plasterboard ceilings and walls
- Full clear passage despite oversize



Watch installation video

FF Systems

Access panel for tiling

F3 System - Access panel with plasterboard inlay

for tiling



Installation example: Delivery without tiles

Product description:

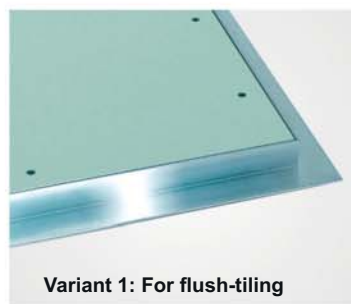
The access panel consists of aluminium profiles with GKBI 12.5 mm, 15 mm or 25 mm plasterboard insert and two snap locks.

The two frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf.

There is an air gap of 1.75 mm between the frame and the door leaf, which is provided with a circumferential seal. The concealed snap locks open the access panel when pressed.



Variant 1: For flush-tiling



Variant 2: For top-tiling



Dimensions:

The access panel is matched to the grid dimension of the tiles. This requires the dimensions of the tile and the joint width, which then results in the dimensions for A and B.

The dimensions D and E remain the same in each case. Dimension C corresponds to the respective planking thickness.

Variants:

- for 'flush-tiling': The aluminium profile is flush with the GKBI board. The tiles are placed on the profile.
- for 'top-tiling': The aluminium profile is higher than the GKBI board. This creates a tile tray.

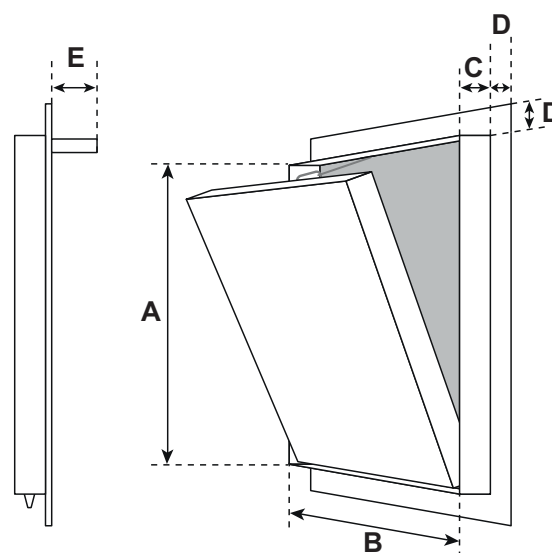
Advantages: - simpler installation for tilers
- precise finish

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Proven thousands of times in practice
- Quick, trouble-free installation
- Sturdy aluminium frame
- Technically mature solution
- Flush installation in plasterboard wall

Left illustration:

Side view closed, with snap lock



D = 28 mm
E = 40 mm

All standard sizes are available for planking thicknesses of 12.5 mm, 15 mm and 25 mm.

Please enquire about other planking thicknesses!

Custom designs:

These are made-to-measure products that are manufactured exactly according to the customer's specifications.

Flush-tiling



Watch installation video

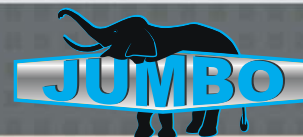
Top-tiling



Watch installation video

Jumbo-XXL access doors

T-XXL System for wall installation



Product description:

The access door consists of aluminium profiles with 12.5 mm plasterboard inlay and snap locks.

There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a circumferential seal. The concealed snap locks open the access panel when pressed. The outer frame consists of a very stable special aluminium profile. Special hinges make it easy to open sideways.

The Jumbo-XXL access doors can be manufactured for DIN left or DIN right hinges.

For very large openings, these stable access panels can even be manufactured with 2 leaves.



Dimensions:

These are made-to-measure products that are manufactured exactly according to the customer's specifications.

Maximum dimensions:

- Single-part: max. width 1000 mm / max. height 2000 mm
- Two-part: max. width 2000 mm / max. height 2000 mm (without centre bar!)

Special advantages of our system

- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard walls and solid walls
- Particularly sturdy design
- Lateral opening possible
- Suitable for oversized wall openings
- Customised system solution

Possible applications:

- Non-load-bearing internal plasterboard walls with a planking thickness of 10 mm to 25 mm
- Solid walls

Locks:

The Jumbo-XXL access door can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette



FF Systems

NEW: Now also for ceiling installation!

Jumbo-XXL access panel

T-XXL System for ceiling installation



Jumbo-XXL
access panel



Product description:

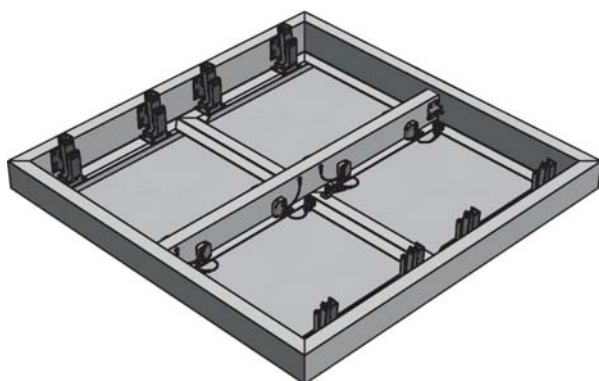
The Jumbo-XXL access panel is manufactured with one or more leaves, depending on the size. If there are several leaves, they are held in the centre by a **removable** centre bar.

There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a circumferential seal. The concealed snap locks open the access panel when pressed.

The outer frame consists of a very stable special aluminium profile. Special hinges enable easy opening.

The Jumbo-XXL access panel is equipped with a latch. To avoid possible accidents, this must be re-latched after each opening of the door leaf.

Example:
Four-part panel from above



Possible applications:

- Plasterboard ceilings with a planking thickness of 10 mm to 25 mm
- Solid ceilings

Dimensions:

These are made-to-measure products that are manufactured exactly according to the customer's specifications.

Maximum dimensions:

- Width: 2000 mm
- Length: on request

Locks:

The Jumbo-XXL access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings and solid ceilings
- Particularly sturdy design
- Fully removable centre bar
- Light passage remains (minus hinges)
- Suitable for oversized ceiling openings
- Customised system solution



Watch installation
video

Access panel, round, for unhinging

R System - Round access panel with plasterboard inlay, for unhinging

Product description:

The round access panel consists of aluminium profiles with 12.5 mm plasterboard inlay (GKBI) and snap locks.

The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The use of the access panel in the wall as well as in the ceiling area (not accessible) is possible without any problems. There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a circumferential seal. The concealed snap locks open the access panel when pressed.

NEW!

Now also available with perforated plasterboard!



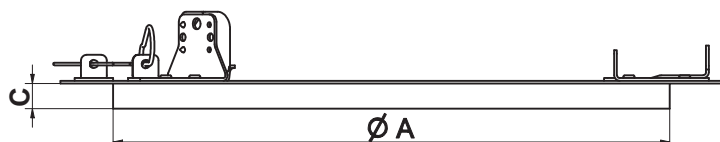
Acoustic perforated panel



Standard sizes for plasterboard inlay 12.5 mm:

R System	Dimensions in mm		
	A	B	C
R200G125	200	260	13
R300G125	300	360	13
R400G125	400	460	13
R500G125	500	560	13
R600G125	600	660	13

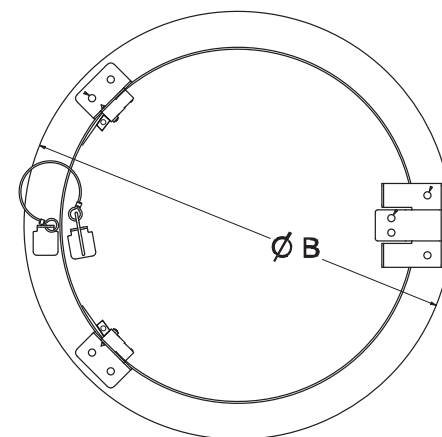
All standard sizes are available for planking thicknesses of 12.5 mm and 15 mm.



Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Sturdy aluminium frame
- Mature technology
- Flush installation in plasterboard ceilings and walls
- Can also be used for plasterboard perforated panels

Design access panel for ventilation/exhaust systems

F1 / F2 System with block slot or block perforation

For ventilation/
exhaust systems



Product description:

The Design access panel offers flush-mounted installation and consists of aluminium profiles with a 12.5 mm thick inlay, which is provided with special ventilation slots.

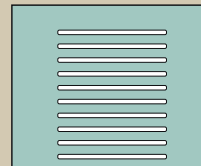
Here you can choose between self-designed cut-outs and commercially available slot/block perforation variants or various perforated plate designs. The different design variants offer you the optimum design for your ventilation openings. The special inlays can be optionally equipped with or without fleece or fine mesh for protection against vermin. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf.

The access panel can be used in the wall area without any problems.

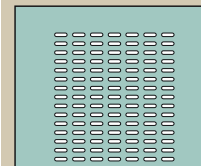


Perforated panel design examples

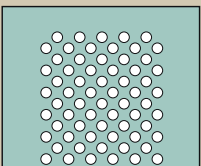
Plasterboard slotted panel



Plasterboard slotted panel



Perforated plasterboard



Dimensions:

The access panel design is specially manufactured according to customer requirements.

Special designs:

Special dimensions in any desired size can be manufactured on request.

Also available as radiator cover with perforated panel design!



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard wall
- Invisible access door
- Particularly sturdy design
- Variable design

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock (standard)
- Z** Round cylinder lever lock
- PZ** Profile cylinder lock

Access panel with fire protection requirement



Page 17

Fire protection access panel for installation shafts/walls I30/EI30

F5 - 30 System



Page 18

Jumbo fire protection access panel for plasterboard shaft walls/front shells, partition walls and solid walls EI30

T-BS System



Page 19

Acoustic Line fire protection access panel

For plasterboard walls, facing shells, solid walls, with increased sound insulation requirement up to 42 dB,

F5 BSA - I60 System / F5 BSA-M I60 System



Page 20

Fire protection access panel for installation shafts/walls EI60

F5 - 60 System



Page 21

Fire protection access panel for installation shafts/walls I90/EI90 - EI120

F5 - 90 System



Page 22

Fire protection access panel for plasterboard ceilings EI30

F6 - BD30 System



Page 23

Fire protection access panel for plasterboard ceilings EI60

F6 - BD60 System



Page 24

Fire protection access panel for plasterboard ceilings EI90

F6 - BD90 System



Page 25

Fire protection access panel for plasterboard ceilings EI120

F6 - BD120 System

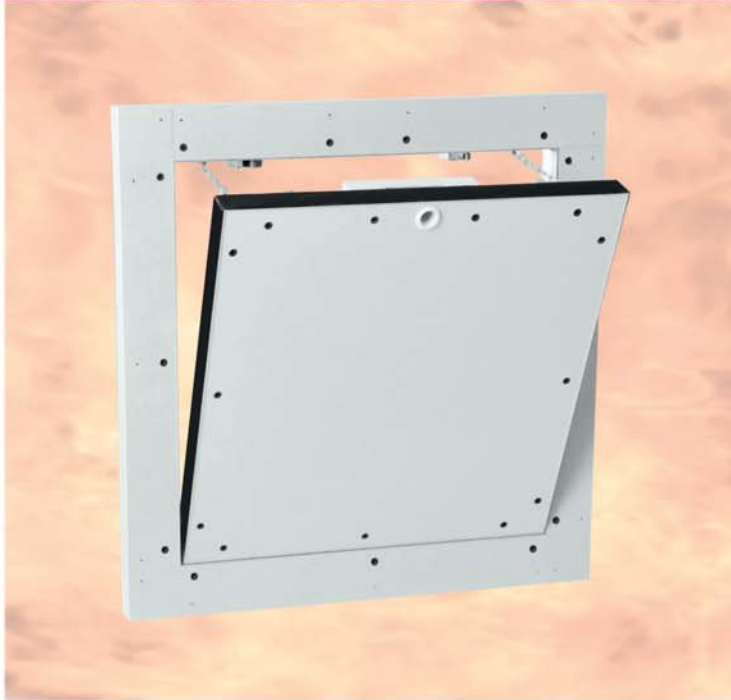


Fire protection access panel

F5 - 30 System for installation shafts/walls

I30/EI30

30 minutes
Fire protection



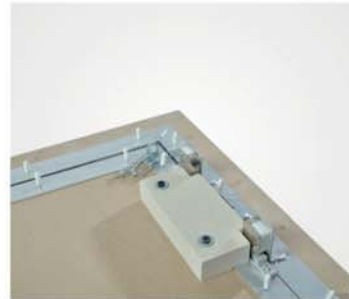
Fire protection: according to general building authority approval/general type approval: Z-6.55-2603



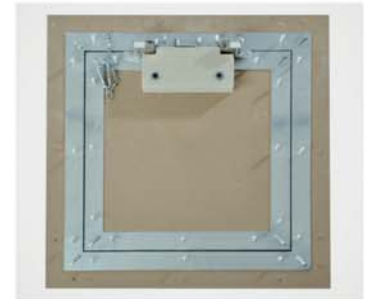
in accordance with EN 13501-2
(Classification from fire-resistance tests)

Product description:

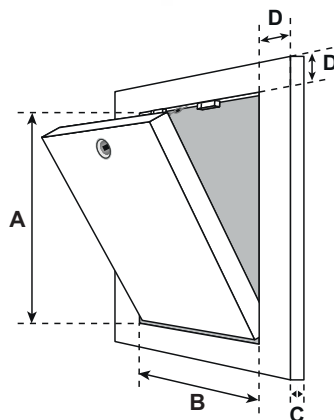
The access panel is made of aluminium profiles with 25 mm (I30) plasterboard inlay (GKF). The two frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with two catch guards. To avoid possible accidents, these must be re-hung after each opening of the door leaf. There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a



The door leaf can be removed



Example I30
with 25 mm GKF



D = 55 mm

circumferential fire protection seal (foaming). You can choose between a square lock (FS), a round cylinder lever lock (Z) and a profile cylinder lock (PZ1/PZ2) for locking the access panel.

Possible applications:

In installation shafts/walls with 25 mm planking on one side or 25 mm planking on both sides (partition walls / shaft walls / facing shells).

Dimensions:

The I30 fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm
- tested up to 800 x 800 mm

Dimension D remains the same. Dimension C corresponds to the planking thickness.

Special designs:

Special dimensions can be produced in any desired size on request (minimum and maximum sizes see approval!).

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in shaft walls/front panels and partition walls
- Also suitable for tiling
- Can be installed in constructions from various system suppliers (see approval!)

Single-sided planking

Double-sided planking

Double-sided planking
partial reveal cladding



Watch installation
video



Watch installation
video



Watch installation
video

Jumbo fire protection access door

T-BS System for plasterboard shaft walls / facing shells, partition walls and solid walls of fire resistance class EI30



EI30

30 minutes
Fire protection



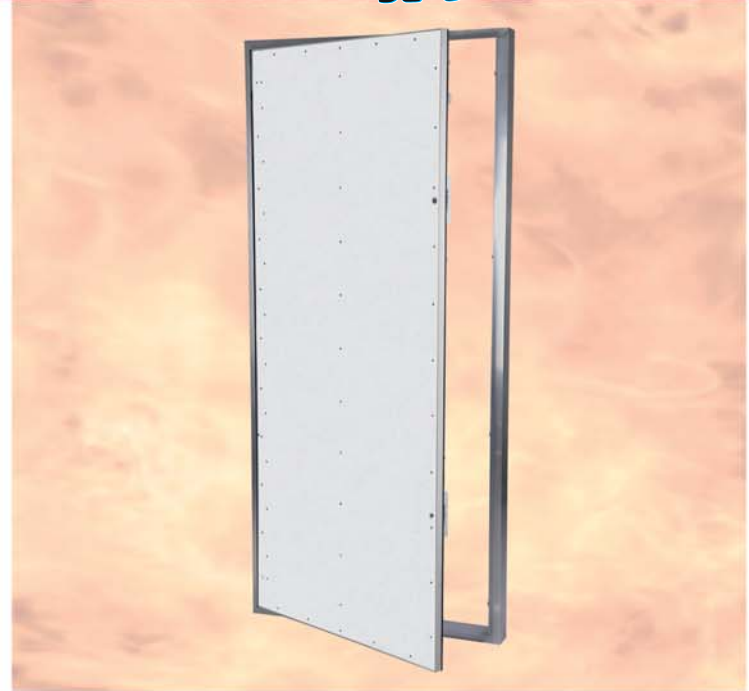
European
classification

in accordance with EN 13501-2
(Classification from fire-resistance tests)
in accordance with DIN EN 12207
(Air permeability classification - windows and doors)

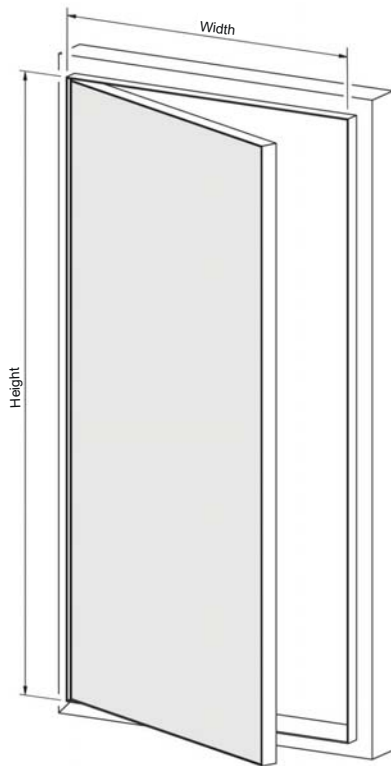
Product description:

The access door offers flush installation without a visible frame and without visible hinges. It consists of aluminium profiles with an insert of gypsum fibreboard and a very stable aluminium tube frame. There is an air gap of 3 mm between the frame and the door leaf, which is provided with special seals all around. The concealed snap locks open the access panel when pressed.

The additional locks prevent opening by unauthorised persons. Special hinges make it easy to open sideways. The Jumbo fire protection access door can be manufactured for DIN left or DIN right hinges.



tested as per EN 13501-2 in accordance
with EN 1634-1



Possible applications:

- In non-load-bearing installation walls of fire resistance class EI30
- In solid walls of fire resistance class EI30

Dimensions:

These are made-to-measure products that are manufactured exactly according to the customer's specifications.

- Width: min. 500 mm up to max. 800 mm
- Height: min. 800 mm up to max. 1800 mm

(tested up to W: 800 mm x H: 1800 mm)

Locks:

The Jumbo fire protection access door can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in shaft walls / facing shells and brickwork
- Without visible frame and without visible hinges
- Particularly sturdy design
- Lateral opening possible

Acoustic Line fire protection access panel



F5 BSA - I60 (BSA-M I60) System for plasterboard walls, facing shells, solid walls

I60

for increased sound insulation requirements



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

Fire protection: according to general building authority approval/general type approval: Z-6.55-2603

Air-tight in accordance with DIN EN 12207 (Air permeability classification - windows and doors)

Product description:

The invisible access panel offers flush installation and is made of aluminium profiles with GKF 30 mm (I60) plasterboard inlay. The inner cover is fitted with a special acoustic structure on the back and can be easily removed. The access panel is equipped with a safety catch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The access panel can be used in the wall area without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, in which 2 special seals are fitted. These protect against increased airborne sound and ensure an airtight seal as well as the fire protection property of the access opening. The concealed snap locks open the access panel when pressed.

Our ACOUSTICS LINE F5 BSA - I60 System meets sound insulation requirements of up to 42 dB

Possible applications:

Flush installation in plasterboard walls with fire protection requirement and increased sound insulation requirement according to EN ISO 10140-2:2010. Proof of 'air- and dust-tightness' in accordance with DIN EN 12207.

- In shaft/installation walls of fire resistance class I60 with increased sound insulation requirement

Dimensions:

The Acoustic Line (F5 System) access panel is available in the following standard dimensions:

F5 BSA - I60 System	Dimensions in mm	
	A	B
BSA200200G300FS	200	200
BSA300300G300FS	300	300
BSA400400G300FS	400	400
BSA500500G300FS	500	500
BSA600600G300FS	600	600

Tested size up to 800 mm x 800 mm

Special designs:

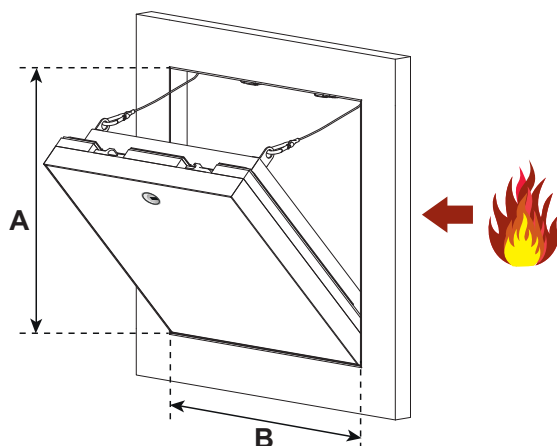
Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Also available as F5 BSA-M I60 System for solid walls!



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard and solid walls
- Invisible access panel
- High airborne sound insulation value
- Door leaf can be removed

Acoustic Line
Fire protection



Fire protection access panel

F5 - 60 System for installation shafts/walls

EI60

60 minutes
Fire protection

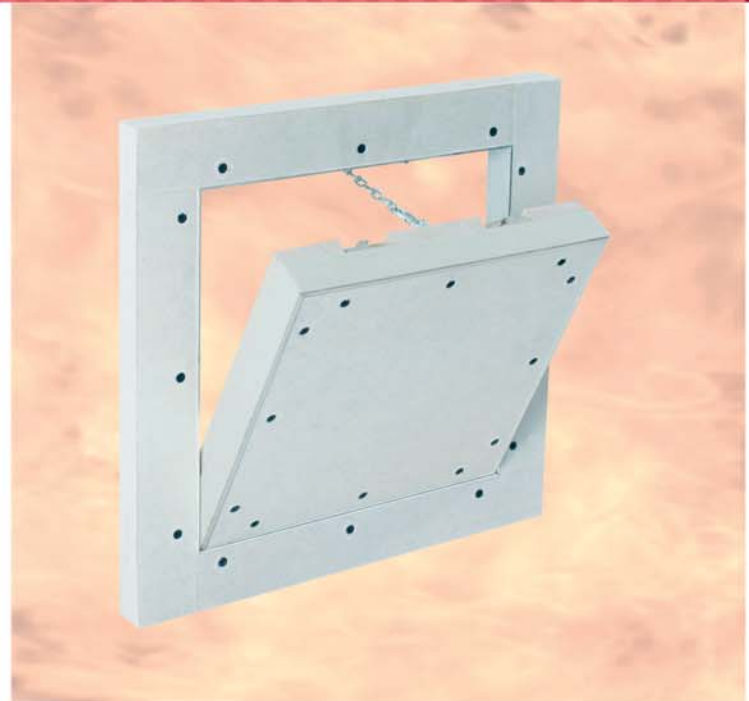


in accordance with EN 13501-2
(Classification from fire-resistance tests)

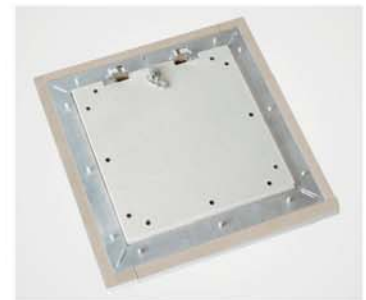
Product description:

The access panel is made of aluminium profiles with 30 mm (EI60) plasterboard inlay (GKF).

The two frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with two catch guards. To avoid possible accidents, these must be re-hung after each opening of the door leaf. There is an air gap of 2.5 mm between the frame and the door leaf, which is provided with a circumferential fire protection seal (foaming). The concealed snap locks open the access panel when pressed.



The door leaf can be removed



Possible applications:

In installation shafts/walls with 30 mm planking on one side (shaft walls / facing shells)

Dimensions:

The fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm
- tested up to 800 x 800 mm

Dimension D remains the same. Dimension C corresponds to the respective planking thickness.

Special designs:

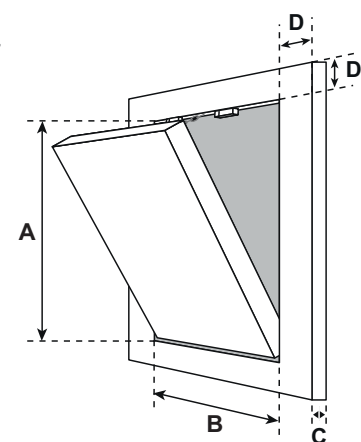
On request, special sizes can be produced in any desired size (for minimum and maximum sizes, see classification protocol).

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Example EI60
with 30 mm GKF



D = 55 mm

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in installation walls/front panels
- Also suitable for tiling
- Can be installed in shaft walls from various system suppliers

Fire protection access panel

F5 - 90 System for installation shafts/walls

I90/EI90 - EI120

90 minutes
Fire protection



Fire protection: according to general building authority approval/general type approval: Z-6.55-2242



in accordance with EN 13501-2
(Classification from fire-resistance tests)

Product description:

The access panel is made of aluminium profiles with 40 mm, 45 mm or 50 mm (I90) plasterboard inlay (GKF). The two frames of the access panel each consist of four individual frame parts that are firmly joined together by a special welding process. The fire protection doubling on the back achieves the required fire protection. The access panel is equipped with two safety catches. To avoid possible accidents, these must be re-hung after each opening of the door leaf.



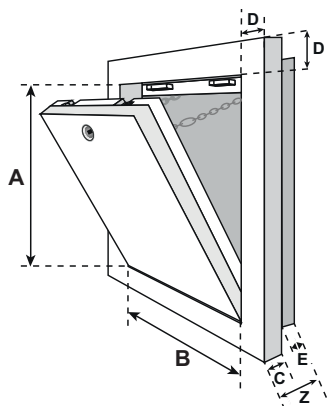
The door leaf can be removed



Example I90 with 40 mm GKF

C = 40 mm/45 mm/50 mm
D = 55 mm
E = variable size
Z = total thickness = 80 mm

Dimension D remains the same.
Dimension E varies depending on GKF thickness.
Dimension C corresponds to the respective planking thickness.



There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a circumferential fire protection seal (foaming). You can choose between a square lock (FS), a round cylinder lever lock (Z) and a profile cylinder lock (PZ1/PZ2) for locking the access panel.

Possible applications:

In installation shafts/walls with 40 mm, 45 mm or 50 mm planking on one side or 25 mm planking on both sides (partition walls / shaft walls / facing shells).

Dimensions:

The I90 fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm
- tested up to W: 1000 x H: 1500 mm

Special designs:

Special dimensions can be produced in any desired size on request (minimum and maximum sizes see approval!).

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in shaft walls/front panels and partition walls
- Also suitable for tiling
- Can be installed in constructions from the most varied system suppliers (see approval!)

Single-sided planking



Watch installation video

Single-sided planking retrofit installation



Watch installation video

Double-sided planking partial reveal cladding



Watch installation video

Fire protection access panel

F6 - BD30 System for plasterboard ceilings

EI30

30 minutes
Fire protection



Fire protection: according to general building authority approval/general type approval:
Z-6.55-2267

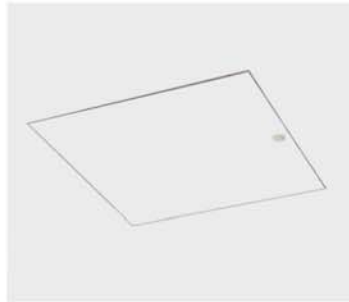
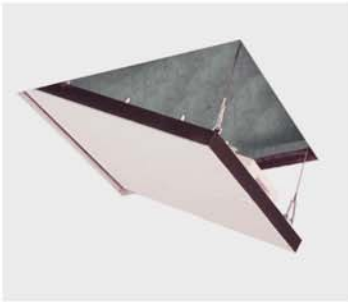


in accordance with EN 13501-2
(Classification from fire-resistance tests)

for Version BDL-30 (air-tight) in accordance with DIN EN 12207 (Air permeability classification - windows and doors)

Product description:

The access panel consists of aluminium profiles with plasterboard inlay suitable for planking thicknesses of 18 mm, 20 mm or 25 mm (EI30). The two frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with two catch guards. To avoid possible accidents, these must be re-hung after each opening of the door leaf. There is an air gap of 1.5 mm between



the frame and the door leaf, which is provided with a circumferential fire protection seal (foaming). You can choose between a square lock (FS), a round cylinder lever lock (Z) and a profile cylinder lock (PZ1/PZ2) for locking the access panel.

WITHOUT FIRE PROTECTION COVER ON THE BACK!

Suitable for installation in fire-resistant suspended ceilings with fire exposure from **below** and/or **above**.

Dimensions:

The fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm
- tested up to 800 x 800 mm

The dimensions D and E remain the same in each case. Dimension C corresponds to the respective planking thickness.

Special designs:

Special dimensions in any desired size can be manufactured on request (for minimum and maximum sizes, see approval).

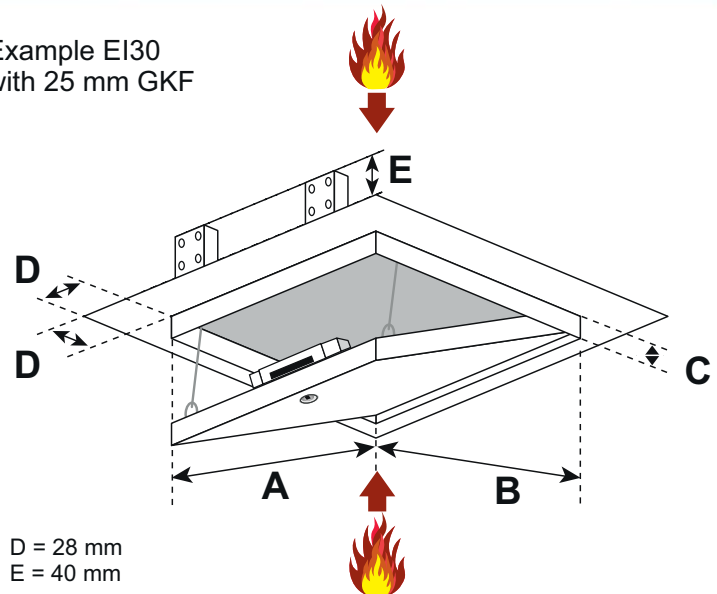
Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette



Example EI30 with 25 mm GKF



D = 28 mm
E = 40 mm

All versions are available for planking thicknesses of 18 mm, 20 mm or 25 mm (EI30).

Special advantages of our system

- No rear fire protection layer required any more
- Verification of usability in compliance with regulations in accordance with General Building Inspectorate Approval/General Type Approval Z-6.55-2267
- Certified and monitored production
- Also available with additional 'airtight' requirement
- Variable ceiling thicknesses possible up to 25 mm
- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings



Watch installation video

FF Systems

Fire protection access panel

F6 - BD60 System for plasterboard ceilings

EI60



European
classification

in accordance with EN 13501-2
(Classification from fire-resistance tests)

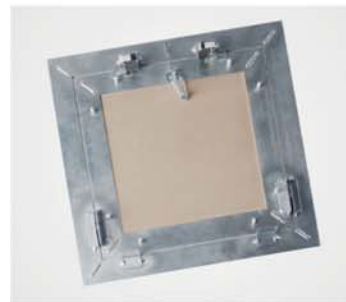
Product description:

The access panel is made of aluminium profiles with Fireboard inlay 30 mm (2 x 15 mm). The two frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with two catch guards. To avoid possible accidents, these must be re-hung after each opening of the door leaf. There is an air gap of 2.5 mm between the frame and the door leaf, which is provided with a circumferential fire protection seal (foaming). The concealed snap locks open the access panel when pressed.

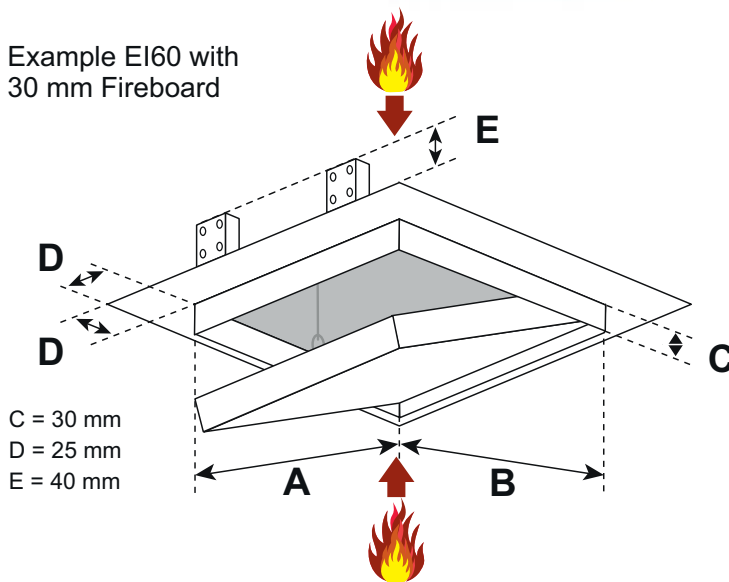
60 minutes
Fire protection



The door leaf can be unhinged



Example EI60 with
30 mm Fireboard



Possible applications:

Stand-alone highly fire-retardant plasterboard suspended ceilings EI60

Dimensions:

The fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm
- tested up to 800 x 800 mm

The dimensions D and E remain the same in each case. Dimension C corresponds to the respective planking thickness.

Special designs:

Special dimensions in any desired size can be manufactured on request (for minimum and maximum sizes, see general building authority test certificate!).

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings



Watch installation
video

Fire protection access panel

F6 - BD90 System for plasterboard ceilings

EI90

90 minutes
Fire protection



Fire protection: according to general building authority approval/general type approval:
Z-6.55-2392



in accordance with EN 13501-2
(Classification from fire-resistance tests)

for Version BDL-90 (air-tight) in accordance with DIN EN 12207 (Air permeability classification - windows and doors)

Product description:

The access panel is made of aluminium profiles with 40 mm, 43 mm or 45 mm or 50 mm plasterboard inlay (GKF). The two frames of the access panel each consist of four individual frame parts that are firmly joined together by a special welding process. The fire protection doubling on the back achieves the required fire protection. The access panel is equipped with two safety catches. To avoid possible accidents, these must be re-hung after each opening of the door leaf.



There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a circumferential fire protection seal (foaming). You can choose between a square lock (FS), a round cylinder lever lock (Z) and a profile cylinder lock (PZ1/PZ2) for locking the access panel.

Suitable for installation in suspended ceilings of fire resistance class F 90-A with fire exposure from **below** and/or **above**.

Dimensions:

The fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm
- tested up to 800 x 800 mm

Dimension D remains the same. Dimension E varies depending on GKF thickness. Dimension C corresponds to the respective planking thickness.

Special designs:

Special dimensions in any desired size can be manufactured on request (for minimum and maximum sizes, see approval).

Locks:

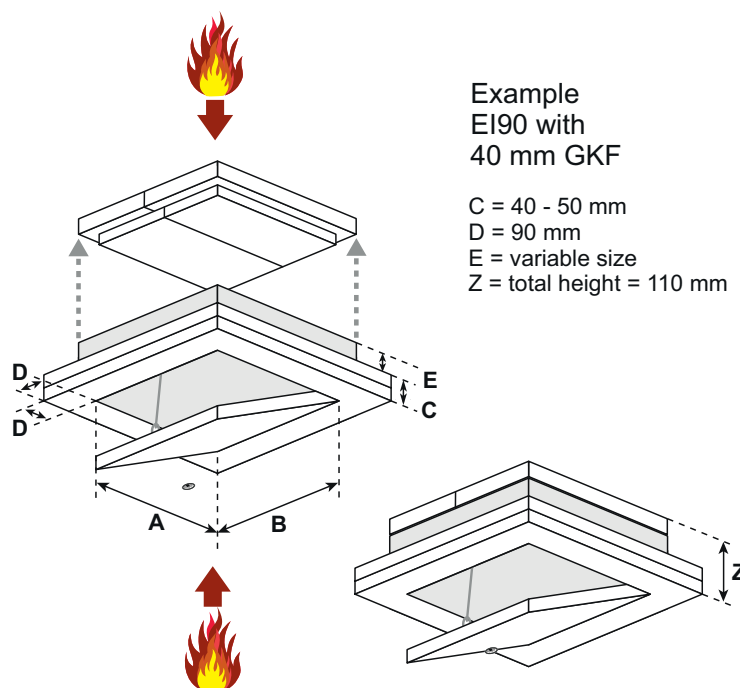
The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette



90-minute fire protection for plasterboard ceilings!

With type approval!



Example
EI90 with
40 mm GKF

C = 40 - 50 mm
D = 90 mm
E = variable size
Z = total height = 110 mm

Special advantages of our system

- Verification of usability in accordance with the regulations Approval/type approval Z-6.55-2392
- Certified and monitored production
- Also available with additional 'airtight' requirement
- Variable ceiling thicknesses possible up to 50 mm
- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings



FF Systems

Fire protection access panel

F6 - BD120 System for plasterboard ceilings

EI120

120 minutes
Fire protection

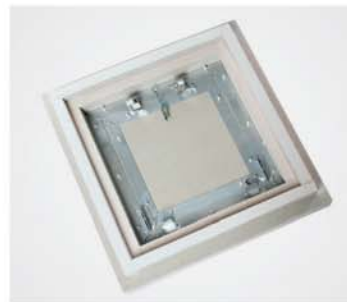
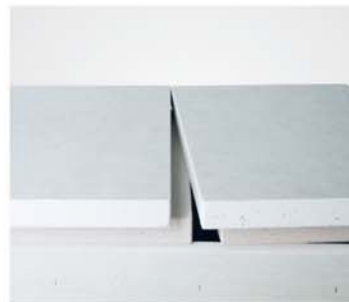


European
classification

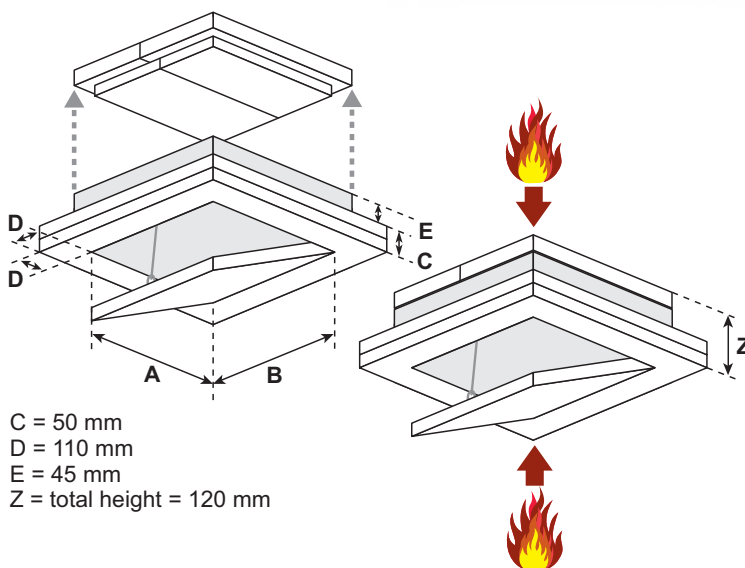
in accordance with EN 13501-2
(Classification from fire-resistance tests)

Product description:

The access panel is made of aluminium profiles with Fireboard inlay 50 mm. The two frames of the access panel each consist of four individual frame parts that are firmly joined together by a special welding process. The fire protection doubling on the back achieves the required fire protection. The access panel is equipped with two safety catches. To avoid possible accidents, these must be re-hung after each opening of the door leaf. There is an air gap of 2.5 mm between the frame and the door leaf, which is provided with a circumferential fire protection seal (foaming). The concealed snap locks open the access panel when pressed.



The door leaf can be unhinged



Possible applications:

In non-load-bearing plasterboard ceilings of fire resistance class EI120

Dimensions:

The fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm

The dimensions D and E remain the same in each case. Dimension C corresponds to the respective planking thickness.

Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings



Acoustic Line access panel

for increased sound insulation requirements



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Why sound insulation?



Page 28

Acoustic Line access panel

for plasterboard walls/ceilings, front panels, with sound insulation requirement up to 35 dB

System
F2 AKLD

NEW



Page 29

Acoustic Line access panel

for plasterboard walls/ceilings, front panels, with increased sound insulation requirement up to 42 dB

System
F2 AA

NEW

with fire protection requirement German approval / European classification



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Acoustic Line fire protection access panel

for plasterboard walls, front panels, solid walls, with increased sound insulation requirement up to 42 dB

F5 BSA - EI30
System

NEW



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Acoustic Line fire protection access panel

for plasterboard walls, front panels, solid walls, with increased sound insulation requirement up to 42 dB

F5 BSA - I60 System /
F5 BSA-M I60 System

NEW



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Acoustic Line fire protection access panel

for plasterboard walls, front panels, solid walls, with increased sound insulation requirement up to 42 dB

F5 BSA - EI60 System

NEW



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Acoustic Line fire protection access panel

for plasterboard ceilings, with increased sound insulation requirement up to 42 dB

F6 BDA - EI30
System

NEW

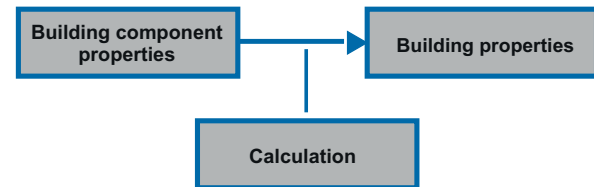




According to the building regulations of the federal states, adequate sound insulation must be provided 'when constructing or modifying building structures'.

Measurement of the sound insulation of an access panel

- Access panels are a component whose performance (component characteristic value) must be measured.
That means: testing in the laboratory/on site.
- The sound insulation of a building component (airborne sound insulation value = component parameter) is given in R_w and is used 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 insulation 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

Acoustic Line access panel

F2 AKLD System for plasterboard walls/ceilings, front panels



Acoustic Line

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

Product description:

The invisible access panel offers flush installation and consists of aluminium profiles with a 2 x 12.5 mm thick hard plaster inlay. The inner cover is manufactured with special seals which, on the one hand, meet the requirement for air tightness according to DIN EN 12207 and, on the other hand, enable an increased airborne sound insulation value. The inner cover can be easily removed. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The use of the access panel in the wall as well as in the ceiling area (not accessible) is possible without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, in which 2 special seals are fitted. These protect against increased airborne sound and ensure an airtight seal of the access opening. The concealed snap locks open the access panel when pressed.

for sound insulation requirements



Our ACOUSTICS LINE F2 AKLD System meets sound insulation requirements of up to 35 dB

Tested by BTI Puchenau in accordance with
EN ISO 10140-2:2010
and by ift-Rosenheim in accordance with DIN EN 12207

Possible applications:

Flush installation in plasterboard walls and ceilings with sound insulation requirement according to EN ISO 10140-2:2010. Proof of 'air- and dust-tightness' in accordance with DIN EN 12207.

- In plasterboard walls with sound insulation requirement
- In plasterboard ceilings with sound insulation requirement

Dimensions:

The Acoustic Line (F2 AKLD System) access panel is available in the following standard dimensions:

AKLD System	Dimensions in mm	
	A	B
AKLD200200D250	200	200
AKLD300300D250	300	300
AKLD400400D250	400	400
AKLD500500D250	500	500
AKLD600600D250	600	600

Special designs:

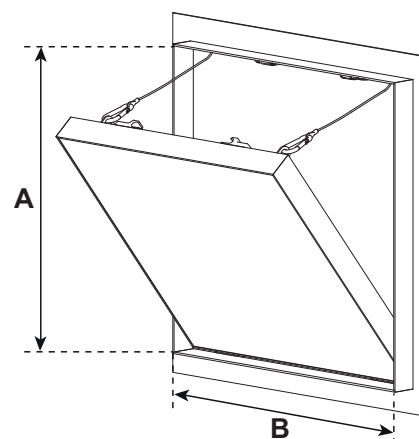
Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Also available as the F3 System for tiles!



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings and walls
- Invisible access panel
- High airborne sound insulation value
- Door leaf can be removed

Acoustic Line access panel

F2 AA System for plasterboard walls/ceilings, front panels



Acoustic Line



for increased sound insulation requirements



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

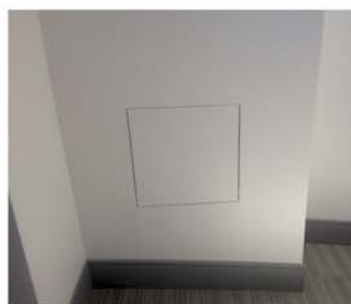
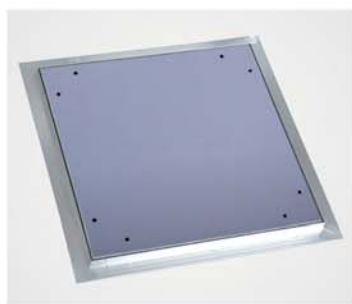
Product description:

The invisible access panel offers flush installation and consists of aluminium profiles with a 2 x 12.5 mm thick hard plaster inlay. The inner cover is fitted with a special acoustic structure on the back and can be easily removed. The access panel is equipped with a safety catch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The use of the access panel in the wall as well as in the ceiling area (not accessible) is possible without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, in which 2 special seals are fitted. These protect against increased airborne sound and ensure an airtight seal of the access opening. The concealed snap locks open the access panel when pressed.

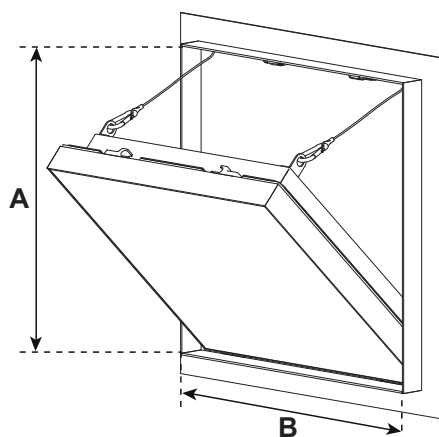
Our ACOUSTICS LINE F2 AA System meets sound insulation requirements of up to 42 dB

Tested by BTI Puchenau in accordance with
EN ISO 10140-2:2010

and by ift-Rosenheim in accordance with DIN EN 12207



Also available as the F3 System for tiles!



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings and walls
- Invisible access panel
- High airborne sound insulation value
- Door leaf can be removed

Possible applications:

Flush installation in plasterboard walls and ceilings with increased sound insulation requirement according to EN ISO 10140-2:2010. Proof of 'air- and dust-tightness' in accordance with DIN EN 12207.

- In plasterboard walls with sound insulation requirement
- In plasterboard ceilings with sound insulation requirement

Dimensions:

The Acoustic Line (F2 AA System) access panel is available in the following standard dimensions:

AA System	Dimensions in mm	
	A	B
AA200200D250	200	200
AA300300D250	300	300
AA400400D250	400	400
AA500500D250	500	500
AA600600D250	600	600

Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Acoustic Line fire protection access panel

F5 BSA - EI30 System for plasterboard walls, facing shells, solid walls



EI30

Acoustic Line
Fire protection



Tested in accordance with EN ISO 10140-2:2010
(Measurement of airborne sound insulation)
in accordance with EN 13501-2
(Classification from fire-resistance tests)
in accordance with DIN EN 12207 (Air permeability classification - windows and doors)

Product description:

The invisible access panel offers flush installation and consists of aluminium profiles with a 2 x 12.5 mm thick hard plaster inlay. The inner cover is fitted with a special acoustic structure on the back and can be easily removed. The access panel is equipped with a safety catch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The access panel can be used in the wall area without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, in which 2 special seals are fitted. These protect against increased airborne sound and ensure an airtight seal as well as the fire protection property of the access opening. The concealed snap locks open the access panel when pressed.

for increased sound
insulation requirements



Our ACOUSTICS LINE F5 BSA - EI30
System meets sound insulation requirements of up to 42 dB

Possible applications:

Flush installation in plasterboard walls with fire protection requirement according to EN 13501-2 and increased sound insulation requirement according to EN ISO 10140-2:2010. Proof of 'air- and dust-tightness' in accordance with DIN EN 12207.

- In shaft/installation walls of fire resistance class EI30 with increased sound insulation requirement

Dimensions:

The Acoustic Line (F5 System) access panel is available in the following standard dimensions:

F5 BSA - EI30 System	Dimensions in mm	
	A	B
BSA200200D250	200	200
BSA300300D250	300	300
BSA400400D250	400	400
BSA500500D250	500	500
BSA600600D250	600	600

Tested size up to 800 mm x 800 mm

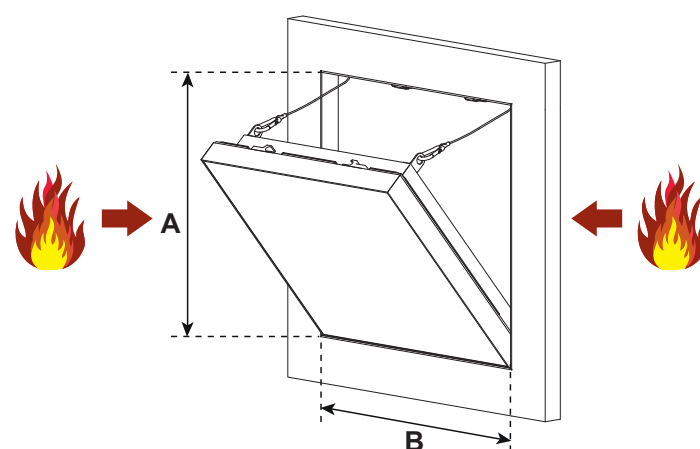
Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard and solid walls
- Invisible access panel
- High airborne sound insulation value
- Door leaf can be removed

Acoustic Line fire protection access panel



F5 BSA - I60 (BSA-M I60) System for plasterboard walls, facing shells, solid walls

I60

for increased sound insulation requirements



Sound insulation: tested in accordance with EN ISO 10140-2:2010

(Measurement of airborne sound insulation)

Fire protection: according to general building authority approval/general type approval: Z-6.55-2603

Product description:

The invisible access panel offers flush installation and is made of aluminium profiles with GKF 30 mm (I60) plasterboard inlay. The inner cover is fitted with a special acoustic structure on the back and can be easily removed. The access panel is equipped with a safety catch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The access panel can be used in the wall area without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, in which 2 special seals are fitted. These protect against increased airborne sound and ensure an airtight seal as well as the fire protection property of the access opening. The concealed snap locks open the access panel when pressed.

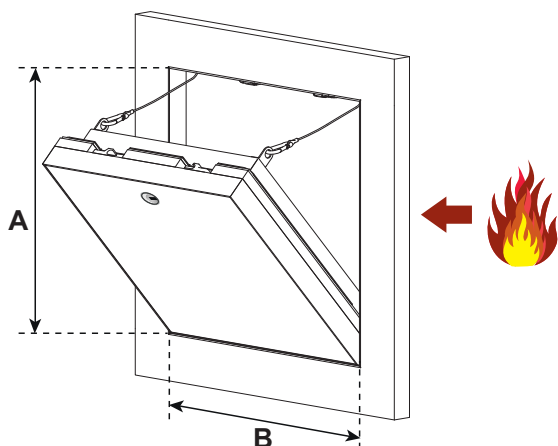
Acoustic Line
Fire protection



Our ACOUSTICS LINE F5 BSA - I60

System meets sound insulation requirements of up to 42 dB

Also available as F5 BSA-M I60 System for solid walls!



Possible applications:

Flush installation in plasterboard walls with fire protection requirement and increased sound insulation requirement according to EN ISO 10140-2:2010.

Proof of 'air- and dust-tightness' in accordance with DIN EN 12207.

- In shaft/installation walls of fire resistance class I60 with increased sound insulation requirement

Dimensions:

The Acoustic Line (F5 System) access panel is available in the following standard dimensions:

F5 BSA - I60 System	Dimensions in mm	
	A	B
BSA200200G300FS	200	200
BSA300300G300FS	300	300
BSA400400G300FS	400	400
BSA500500G300FS	500	500
BSA600600G300FS	600	600

Tested size up to 800 mm x 800 mm

Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard and solid walls
- Invisible access panel
- High airborne sound insulation value
- Door leaf can be removed

Acoustic Line fire protection access panel

F5 BSA - EI60 System for plasterboard walls, facing shells, solid walls



EI60

Acoustic Line
Fire protection



Tested in accordance with EN ISO 10140-2:2010
(Measurement of airborne sound insulation)
in accordance with EN 13501-2
(Classification from fire-resistance tests)
in accordance with DIN EN 12207 (Air permeability classification - windows and doors)

Product description:

The invisible access panel offers flush installation and is made of aluminium profiles with GKF 30 mm (EI60) plasterboard inlay. The inner cover is fitted with a special acoustic structure on the back and can be easily removed. The access panel is equipped with a safety catch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The access panel can be used in the wall area without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, in which 2 special seals are fitted. These protect against increased airborne sound and ensure an airtight seal as well as the fire protection property of the access opening. The concealed snap locks open the access panel when pressed.

for increased sound insulation requirements



Our ACOUSTICS LINE F5 BSA - EI60 System meets sound insulation requirements of up to 42 dB

Possible applications:

Flush installation in plasterboard walls with fire protection requirement and increased sound insulation requirement according to EN ISO 10140-2:2010.
Proof of 'air- and dust-tightness' in accordance with DIN EN 12207.

- In shaft/installation walls of fire resistance class EI60 with increased sound insulation requirement

Dimensions:

The Acoustic Line (F5 System) access panel is available in the following standard dimensions:

F5 BSA - EI60 System	Dimensions in mm	
	A	B
BSA200200G300	200	200
BSA300300G300	300	300
BSA400400G300	400	400
BSA500500G300	500	500
BSA600600G300	600	600

Tested size up to 800 mm x 800 mm

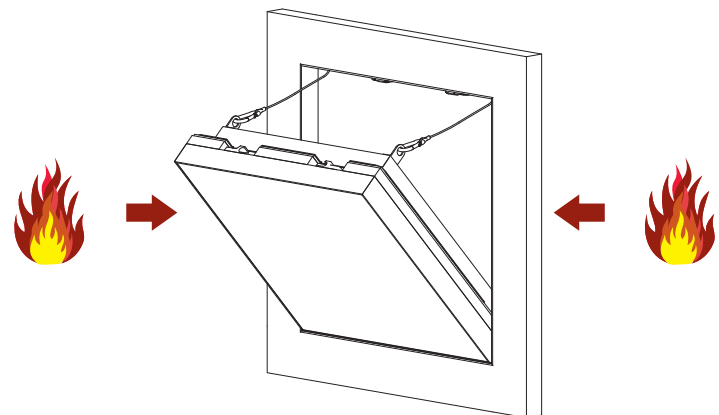
Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard and solid walls
- Invisible access panel
- High airborne sound insulation value
- Door leaf can be removed

Acoustic Line fire protection access panel

F6 BDA - EI30 System for plasterboard ceilings



EI30

for increased sound insulation requirements

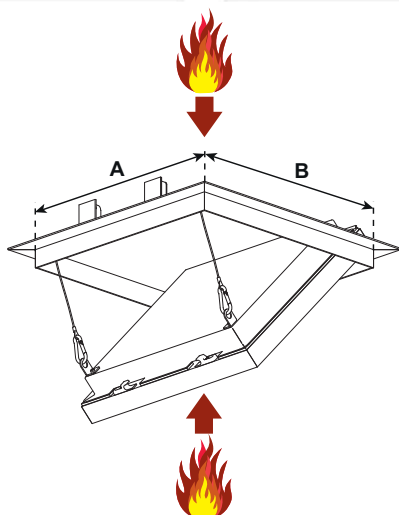


Tested in accordance with EN ISO 10140-2:2010 (Measurement of airborne sound insulation)
in accordance with EN 13501-2 (Classification from fire-resistance tests)
in accordance with DIN EN 12207 (Air permeability classification - windows and doors)

Product description:

The invisible access panel offers flush installation and consists of aluminium profiles with a 2 x 12.5 mm thick hard plaster inlay. The inner cover is fitted with a special acoustic structure on the back and can be easily removed. The access panel is equipped with a safety catch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. The use of the access panel in the ceiling area (not accessible) is possible without any problems. There is an air gap of 2.5 mm between the frame and the door leaf, in which 2 special seals are fitted. These protect against increased airborne sound and ensure an airtight seal as well as the fire protection property of the access opening. The concealed snap locks open the access panel when pressed.

Our ACOUSTICS LINE F6 BDA - EI30 System meets sound insulation requirements of up to 42 dB



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in plasterboard ceilings
- Invisible access panel
- High airborne sound insulation value
- Door leaf can be removed

Possible applications:

Flush installation in plasterboard ceilings with fire protection requirement according to EN 13501-2 and increased sound insulation requirement according to EN ISO 10140-2:2010. Proof of 'air- and dust-tightness' in accordance with DIN EN 12207.

- In plasterboard ceilings of fire resistance class EI30 with increased sound insulation requirement

Dimensions:

The Acoustic Line (F6 System) access panel is available in the following standard dimensions:

F6 BDA - EI30 System	Dimensions in mm	
	A	B
BDA200200D250	200	200
BDA300300D250	300	300
BDA400400D250	400	400
BDA500500D250	500	500
BDA600600D250	600	600

Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette (standard)
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Acoustic Line
Fire protection



Access panels for solid walls/ ceilings and exterior/facade

Solid walls/
ceilings/
exterior/facade

for solid walls and ceilings



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**Access panel for
solid walls and solid
ceilings without fire
protection**

MW/MWS System



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**Access panel fire
protection for solid
walls I30/EI30**

F5 - 30 BMW System



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**Access panel fire
protection for solid
walls I90/EI90 - EI120**

F5 - 90 BMW System



for exterior/facade



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**Access panel for
facades, 'driving
rain-proof', for
plastering**

MPWD System



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**Access panel for
outdoor use,
'driving rain-proof',
with metal surface**

B-EXT System



Page 40

**Access panel for
outdoor use,
'driving rain-proof',
with metal surface**

EXT System

Access panel for solid walls/ceilings

MW System access panel with plasterboard inlay for solid walls and solid ceilings

Solid walls and ceilings



MW



Suitable for ceiling installation and lateral in-wall opening

MWS



MW



MWS



MW



MWS

Product description:

The access panel consists of aluminium profiles with 12.5 mm plasterboard inlay and snap locks. The frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf. There is an air gap of 1.5 mm between the frame and the door leaf. The concealed snap locks open the access panel when pressed. This system has been specially developed for use in solid walls and ceilings. The access panel can be inserted flush with the surface. It can also be prepared for plaster or tile covering on special request.

Possible applications:

Solid walls and solid ceilings

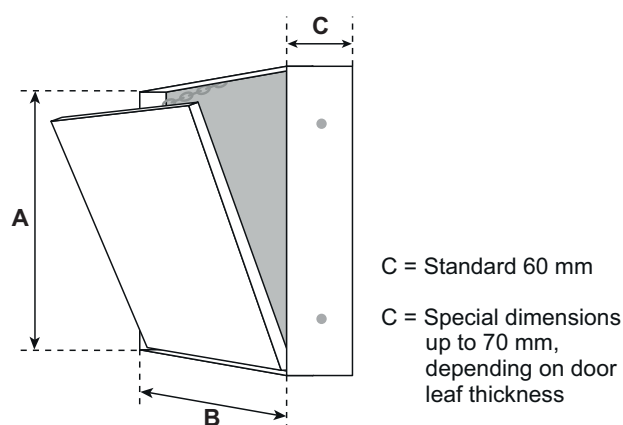
Dimensions:

These are made-to-measure products that are manufactured exactly according to the customer's specifications.

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette
- SD** Screwdriver lock
- H** Hexagon socket lock
- P** Hexagon socket lock with safety pin



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Sturdy aluminium frame
- Technically mature solution
- Flush installation in solid walls and ceilings
- Can also be produced for on-site plaster or tile covering



Watch installation video

Fire protection access panel

F5 - 30 BMW System for solid walls

I30/EI30



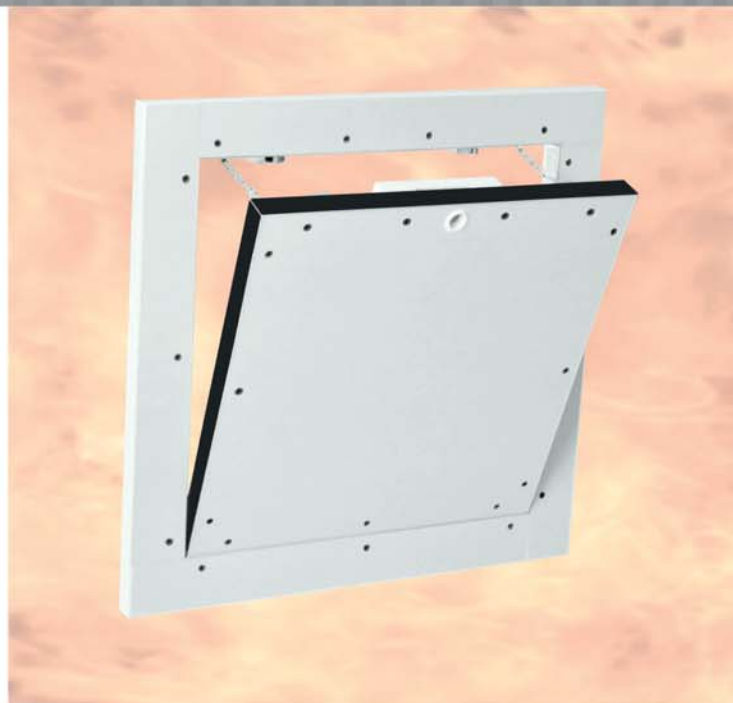
Fire protection: according to general building authority approval/general type approval: Z-6.55-2241



in accordance with EN 13501-2
(Classification from fire-resistance tests)

Product description:

The access panel is made of aluminium profiles with 25 mm (I30) plasterboard inlay (GKF). The frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with two catch guards. To avoid possible accidents, these must be re-hung after each opening of the door leaf. There is an air gap of 1.5 mm between the frame and the door leaf, which is provided with a



The door leaf can be removed



circumferential fire protection seal (foaming). You can choose between a square lock (FS), a round cylinder lever lock (Z) and a profile cylinder lock (PZ1/PZ2) for locking the access panel. The access panel can be fixed in the solid wall with the enclosed masonry brackets.

Possible applications:

- in solid walls
- for all suitable solid wall constructions

Dimensions:

The I30 fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- | | |
|----------------|-----------------------------|
| ■ 200 x 200 mm | ■ 500 x 500 mm |
| ■ 300 x 300 mm | ■ 600 x 600 mm |
| ■ 400 x 400 mm | ■ tested up to 800 x 800 mm |

Dimension D remains the same. Dimension C corresponds to the planking thickness.

Special designs:

Special dimensions can be produced in any desired size on request (minimum and maximum sizes see approval!).

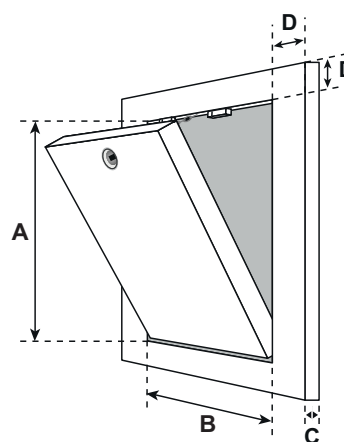
Locks:

The access panel can be designed with the following lock types:

- | | |
|-----------|--|
| FS | Square lock with white rosette |
| Z | Round cylinder lever lock with key |
| PZ | Profile cylinder lock with metal rosette |

Example I30 with 25 mm GKF

D = 57 mm



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in solid walls
- Also suitable for tiling or plaster application



Watch installation video

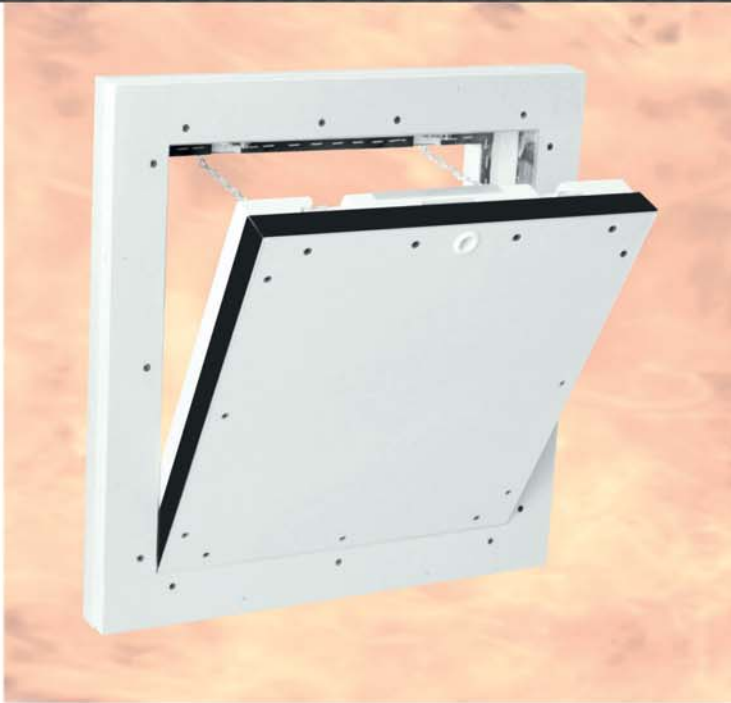
FF Systems

Fire protection access panel

F5 - 90 BMW System for solid walls

I90/EI90 - EI120

90 minutes
Fire protection



Fire protection: according to general building authority approval/general type approval: Z-6.55-2241

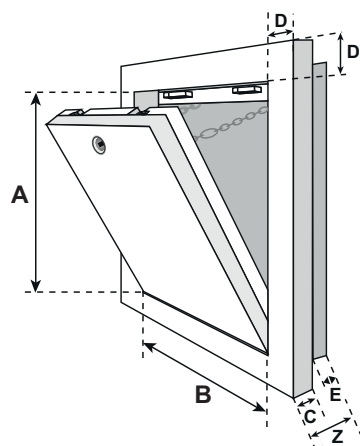


in accordance with EN 13501-2
(Classification from fire-resistance tests)

Product description: The access panel is made of aluminium profiles with 40 mm (I90) plasterboard inlay (GKF). The two frames of the access panel each consist of four individual frame parts that are firmly joined together by a special welding process. The fire protection doubling on the back achieves the required fire protection. The access panel is equipped with two safety catches. To avoid possible accidents, these must be re-hung after each opening of the door leaf. There is an air gap of 1.5 mm between the frame and



The door leaf can be removed



C = 40 mm
D = 57 mm
E = 40 mm
Z = total thickness = 80 mm

the door leaf, which is provided with a circumferential fire protection seal (foaming). You can choose between a square lock (FS), a round cylinder lever lock (Z) and a profile cylinder lock (PZ1/PZ2) for locking the access panel. The access panel can be fixed in the solid wall with the enclosed masonry brackets.

Possible applications:

- in solid walls
- for all suitable solid wall constructions

Dimensions:

The I90 fire protection access panel is available in the following standard sizes. Dimensions A and B are as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm
- tested up to W: 1000 x H: 1500 mm

Special designs:

Special dimensions can be produced in any desired size on request (minimum and maximum sizes see approval!).

Locks:

The access panel can be designed with the following lock types:

- FS** Square lock with white rosette
- Z** Round cylinder lever lock with key
- PZ** Profile cylinder lock with metal rosette

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Flush installation in solid walls
- Also suitable for tiling or plaster application



Watch installation video

Access panel for facades, 'driving rain-proof'

MPWD System for plastering

Product description:

The access panel is made of aluminium profiles with a cement-bonded construction panel and a round cylinder lever lock with key. The two frames of the access panel each consist of four individual frame parts that are firmly connected to each other by a special welding process. The access panel is equipped with a latch. To avoid possible accidents, this must be re-hung after each opening of the door leaf.

There is an air gap of 3 mm between the frame and the door leaf, which is fitted with a newly developed special brush seal and an additional special seal. The use of the access panel as an external façade flap is possible both for direct fixing to solid walls (without insulation) or installation in full thermal insulation (foaming in) from 80 mm insulation.



Standard sizes:

MPWD System	Dimensions in mm		
	A	B	C
MPWD200200	200	200	78
MPWD300300	300	300	78
MPWD400400	400	400	78
MPWD500500	500	500	78
MPWD600600	600	600	78

All standard sizes are available from stock at short notice.

The access panel is 'driving rain-proof' according to EN 1027

- Class 2A according to EN 12208 (in conjunction with round cylinder lock)
 - Class 5A according to EN 12208 (without consideration of the lock variants)
- according to Test Report FEA220114_00_00TR (GiB GmbH Arnstorf)

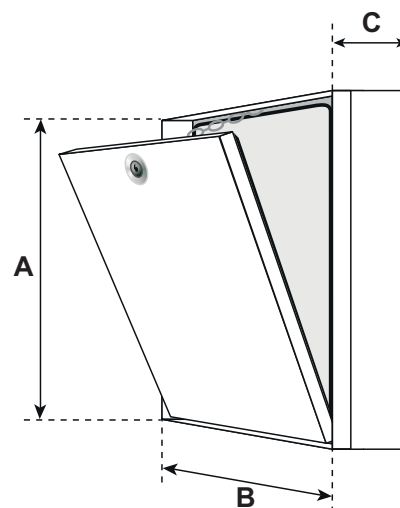
Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- Z** Round cylinder lever lock with key (standard)
- PZ** Profile cylinder lock with metal rosette



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Sturdy aluminium frame
- Mature technology
- Flush installation in facade walls



Watch installation video

FF Systems

Access panel for outdoor use, 'driving rain-proof'

B-EXT System with metal surface

Exterior



Product description:

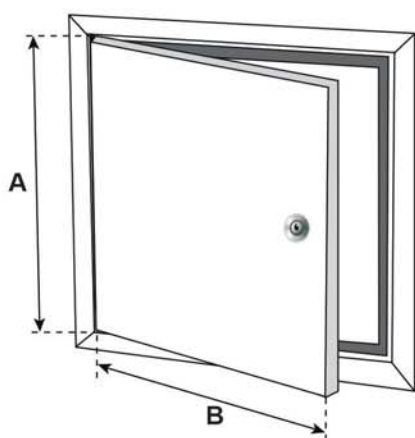
The access panel consists of a stable outer frame and a door leaf made of 1 mm thick sheet steel with internal insulation. The standard colour is white RAL9010.

The side mounting brackets on the outer frame ensure secure mounting in all walls. A special all-round seal on the outer frame provides a 'driving rain-proof' seal.

Possible applications:

The B-EXT access panel can be used for any type of solid walls and thermal composite system walls.

The access panel has been specially developed for outdoor use.



The access panel is 'driving rain-proof' according to EN 1027

Class 3A according to EN 12208
(in conjunction with round cylinder lock)

Class 9A according to EN 12208 (excluding the round cylinder lock)

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Universally applicable and lockable
- Driving rain-proof design
- Door leaf with integrated insulation
- Also available in stainless steel

The following two variants are available:

- **Galvanised sheet steel** powder-coated according to RAL
(Standard RAL 9010 / other colours possible)
- **Stainless steel powder-coated** according to RAL
(Standard RAL 9010 / other colours possible)

Dimensions:

The B-EXT sheet steel white access panel is available in the following standard sizes.

B-EXT System	Dimensions in mm	
	A	B
B-EXT200200W	200	200
B-EXT300300W	300	300
B-EXT400400W	400	400
B-EXT500500W	500	500
B-EXT600600W	600	600

All standard sizes are available from stock at short notice.

Special designs:

Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

- TL** Square lock
- Z** Round cylinder lever lock with key

Access panel for outdoor use, 'driving rain-proof'

EXT System with metal surface

Product description:

The EXT access panel consists of a sturdy aluminium frame and a door leaf made of a 1 mm aluminium sheet with internal insulation.

The pre-drilled holes on the side of the outer frame ensure secure mounting in all walls.

A special all-round seal on the outer frame ensures a 'watertight' seal. In addition, a newly developed special brush seal is attached to the door leaf, which serves as dust protection.

Possible applications:

The EXT access panel can be used for any type of solid walls and thermal composite system walls.

The access panel has been specially developed for outdoor use.



Dimensions:

The EXT access panel is available in the following standard sizes.

EXT System	Dimensions in mm	
	A	B
EXT200200AL	200	200
EXT300300AL	300	300
EXT400400AL	400	400
EXT500500AL	500	500
EXT600600AL	600	600

All standard sizes are available from stock at short notice.

The access panel is 'driving rain-proof' according to EN 1027

Class 2A according to EN 12208
(in conjunction with round cylinder lock)

Special designs:

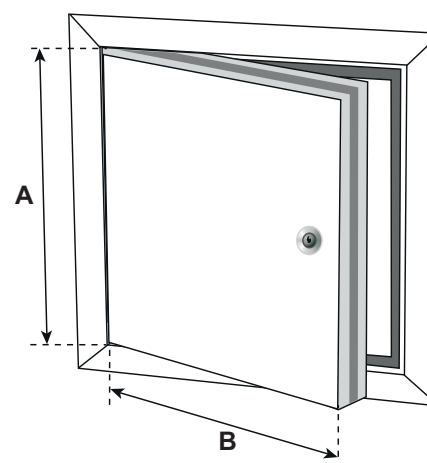
Special dimensions in any desired size can be manufactured on request.

Locks:

The access panel can be designed with the following lock types:

TL Square lock

Z Round cylinder lever lock with key



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Universally applicable
- Lockable



Watch installation video

Overview of locks

The locks listed below can be installed in our access panels and access doors:

Locks

SN

Snap lock

SN



SN



FS

Square lock with white rosette

KS



FS



Z

Round cylinder lever lock with key

Z



Z



PZ

Profile cylinder lock with metal rosette

PZ1



PZ2



Profile cylinder
on site

with
profile cylinder

SD

Screwdriver lock

SD0



SD1 Ø 22



SD2 Ø 13



H

Hexagon socket lock

H0



H1 Ø 22



H2 Ø 13



P

Hexagon socket lock
with safety pin

P0



P1 Ø 22



P2 Ø 13



Sheet steel access panels

Sheet steel



Page 43

Sheet steel access panel with square lock
B1 System



Page 43

Sheet steel access panel
AIR- AND DUST-TIGHT
with square lock
B1 System



Page 44

Sheet steel access panel with snap lock
B2 System



Page 45

Sheet steel access panel with cylinder lock
B3 System



Page 45

Sheet steel access panel
AIR- AND DUST-TIGHT
with cylinder lock
B3 System



Page 46

Sheet steel access panel with profile cylinder lock
B4 System



Page 47

Sheet steel access panel with magnet
B5 System



Stainless Steel



slotted or perforated



double-leaf



Stainless Steel

Sheet steel access panel

B1 System - Sheet steel access panel white with square lock



Product description:

The access panel consists of a sturdy outer frame and inner cover made of galvanised sheet steel or stainless steel with integrated square lock. The standard colour is white RAL9010.

The profile of the outer frame is rounded. This creates a clean finish on plaster or plasterboard surfaces. The four riveted wall anchors ensure secure mounting in the wall or ceiling. The door leaf can be unhinged and is suitable for right and left hinges.

The access panel contains a square lock.

Possible applications:

Sheet steel access panels can be used in plaster-board walls/ceilings as well as in solid walls/ceilings.



double-leaf



Stainless Steel



NEW! Now also available in perforated or slotted design!

Dimensions:

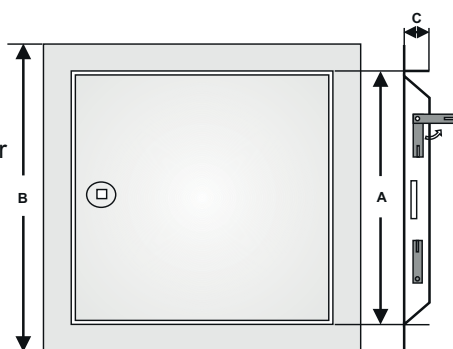
The sheet steel access panel with square lock is available in the following standard sizes.

Dimension A is as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm

(cut-out dimension = order dimension + 10 mm)

A = Order dimension
B = Dimension A + 35 mm
C = 25 mm



Special designs:

Special dimensions in any desired size can be manufactured on request.

Sheet steel access panels are also available in many other variants, such as galvanised or stainless steel. A double-leaf version is also available.

Simply enquire directly with us!

NEW:

Now also available in 'air- and dust-tight design' and in stainless steel!



tested up to 600 x 600 mm

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Available in almost every colour



Watch installation video

Sheet steel access panel

B2 System - Sheet steel access panel white with snap lock

Product description:

The access panel consists of a sturdy outer frame and inner cover made of galvanised sheet steel or stainless steel. Concealed snap locks open the access panel when pressed. The standard colour is white RAL9010.

The profile of the outer frame is rounded. This creates a clean finish on plaster or plasterboard surfaces. The four riveted wall anchors ensure secure mounting in the wall or ceiling. The door leaf can be unhinged and is suitable for right and left hinges.

The access panel contains snap locks that are not visible from the front.



Stainless Steel



Possible applications:

Sheet steel access panels can be used in plasterboard walls/ceilings as well as in solid walls/ceilings.

Dimensions:

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

Dimension A is as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm

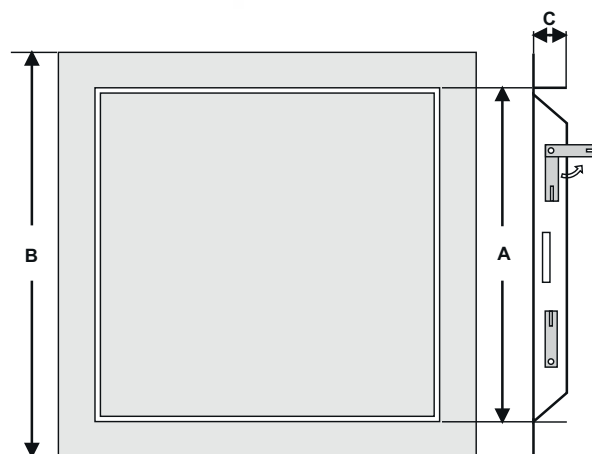
(cut-out dimension = order dimension + 10 mm)

Special designs:

Special dimensions in any desired size can be manufactured on request.

Sheet steel access panels are also available in many other variants, such as galvanised or stainless steel.

Simply enquire directly with us!



A = Order dimension
B = Dimension A + 35 mm
C = 25 mm

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Available in almost every colour



Watch installation video

FF Systems

Sheet steel access panel

B3 System - Sheet steel access panel white with cylinder lock



Product description:

The access panel consists of a sturdy outer frame and inner cover made of galvanised sheet steel or stainless steel with integrated cylinder lock. The standard colour is white RAL9010.

The profile of the outer frame is rounded. This creates a clean finish on plaster or plasterboard surfaces. The four riveted wall anchors ensure secure mounting in the wall or ceiling. The door leaf can be unhinged and is suitable for right and left hinges.

The access panel can be locked with a cylinder lock.

Possible applications:

Sheet steel access panels can be used in plaster-board walls/ceilings as well as in solid walls/ceilings.



Stainless Steel



Dimensions:

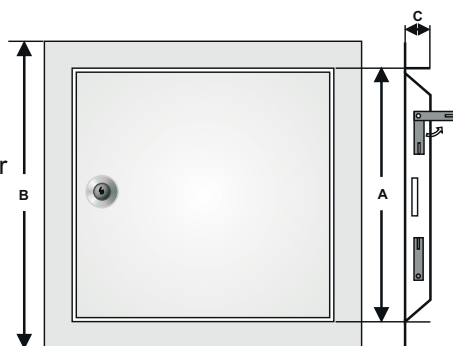
The sheet steel access panel with cylinder lock is available in the following standard sizes.

Dimension A is as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm

(cut-out dimension = order dimension + 10 mm)

A = Order dimension
B = Dimension A + 35 mm
C = 25 mm



Special designs:

Special dimensions in any desired size can be manufactured on request.

Sheet steel access panels are also available in many other variants, such as galvanised or stainless steel. A double-leaf version is also available.

Simply enquire directly with us!

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Available in almost every colour
- Lockable

NEW:

Now also available in 'air- and dust-tight design' and in stainless steel!



tested up to 600 x 600 mm



Watch installation video

Sheet steel access panel

B4 System - Sheet steel access panel white with profile cylinder lock

Prepared for on-site profile cylinders

Product description:

The access panel consists of a sturdy outer frame and inner cover made of galvanised sheet steel or stainless steel with integrated profile cylinder lock. The standard colour is white RAL9010.

The profile of the outer frame is rounded. This creates a clean finish on plaster or plasterboard surfaces. The four riveted wall anchors ensure secure mounting in the wall or ceiling. The door leaf can be unhinged and is suitable for right and left hinges.

The access panel can be locked with a profile cylinder lock (on-site profile cylinder).



Stainless Steel



Possible applications:

Sheet steel access panels can be used in plasterboard walls/ceilings as well as in solid walls/ceilings.

Dimensions:

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

Dimension A is as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm

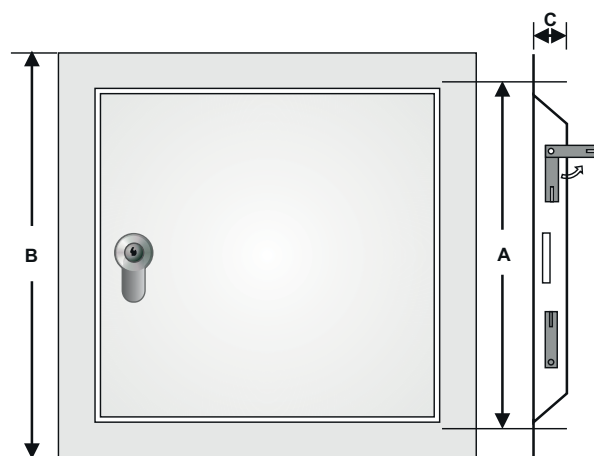
(cut-out dimension = order dimension + 10 mm)

Special designs:

Special dimensions in any desired size can be manufactured on request.

Sheet steel access panels are also available in many other variants, such as galvanised or stainless steel.

Simply enquire directly with us!



A = Order dimension B = Dimension A+35 mm C = 25 mm

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Available in almost every colour
- Lockable
- Perfectly suited to on-site locking systems



Watch installation video

Sheet steel access panel

B5 System - Sheet steel access panel white with magnet



Product description:

The access panel consists of a sturdy outer frame and inner cover made of galvanised sheet steel or stainless steel with integrated magnetic lock. The standard colour is white RAL9010.

The profile of the outer frame is rounded. This creates a clean finish on plaster or plasterboard surfaces. The four riveted wall anchors ensure secure mounting in the wall or ceiling. The door leaf can be unhinged and is suitable for right and left hinges.

The access panel contains a magnetic lock and a recessed grip.

Possible applications:

Sheet steel access panels can be used in plaster-board walls/ceilings as well as in solid walls/ceilings.



Dimensions:

The sheet steel access panel with magnet is available in the following standard sizes.

Dimension A is as follows:

- 200 x 200 mm
- 300 x 300 mm
- 400 x 400 mm
- 500 x 500 mm
- 600 x 600 mm

(cut-out dimension = order dimension + 10 mm)

Special designs:

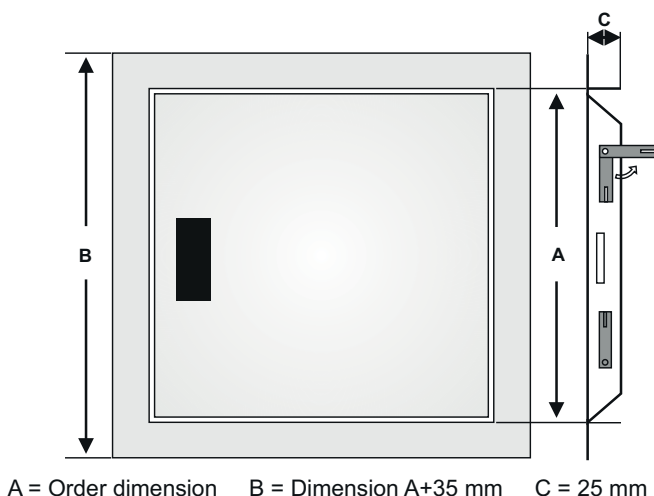
Special dimensions in any desired size can be manufactured on request.

Sheet steel access panels are also available in many other variants, such as galvanised or stainless steel. A double-leaf version is also available.

Simply enquire directly with us!

Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Available in almost every colour



Watch installation video

CW crossbar made from multilayer board

Wooden crossbar

Product description:

The crossbar consists of a sturdy multilayer wooden board. A groove is milled into the panel. This groove allows the crossbar to be easily fitted between two CW profiles.

The length of the crossbar is adapted to the stand spacing.



Possible applications:

Wall cabinets, shelves, radiators, handrails in clinics, etc.

Special advantages of our system:

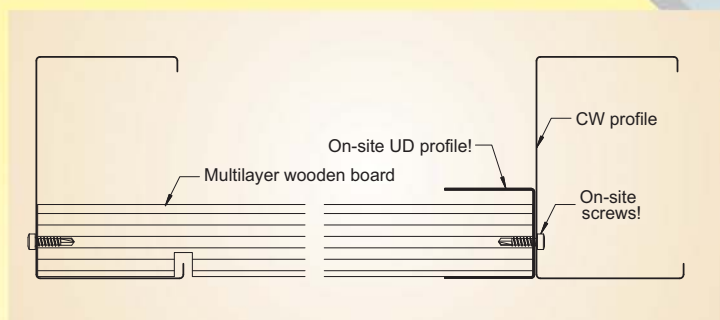
- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Plane support of the plasterboards
- Technically mature solution



The CW crossbar is available in the following standard sizes:

Dimensions (WxDxH)	Load
623 x 245 x 24 mm	tested up to 1.5 kN/m
623 x 300 x 24 mm	tested up to 1.5 kN/m
623 x 245 x 30 mm	tested up to 1.5 kN/m
623 x 300 x 30 mm	tested up to 1.5 kN/m

Special dimensions in any desired size can be manufactured on request.



UA crossbar made from multilayer board

Wooden crossbar

Product description:

The crossbar consists of a sturdy multilayer wooden board. Two recesses are milled into the front of the plate. These recesses allow the crossbar to be easily fitted between two UA profiles.

The length of the crossbar is adapted to the profile spacing.

Possible applications:

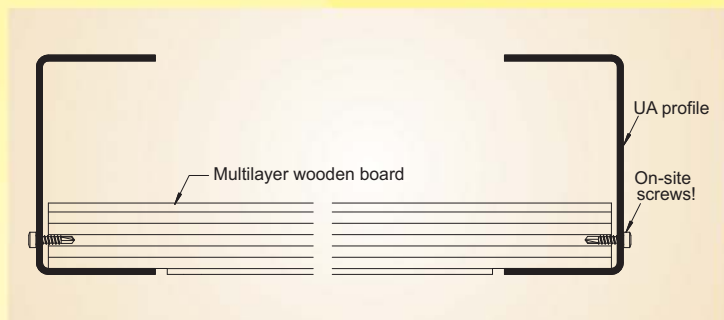
Wall cabinets, kitchen units, shelves, bathroom furniture, monitors, etc.

Special advantages of our system:

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Plane support of the plasterboards
- Technically mature solution

The UA crossbar is available in the following standard sizes:

Dimensions (WxDxH)	Load
623 x 300 x 30 mm	tested up to 1.5 kN/m
623 x 500 x 30 mm	tested up to 1.5 kN/m



UA-M crossbar made from multilayer board

Wooden crossbar

Product description:

The crossbar consists of a sturdy multilayer wooden board. Two recesses are milled into the front of the plate. These recesses allow the crossbar to be easily fitted between two UA profiles. There are also two metal brackets at the ends of the crossbar. These give the panel a particularly stable hold.

The length of the crossbar is adapted to the profile spacing.



Possible applications:

Monitors and other heavy equipment, blackboards, etc.

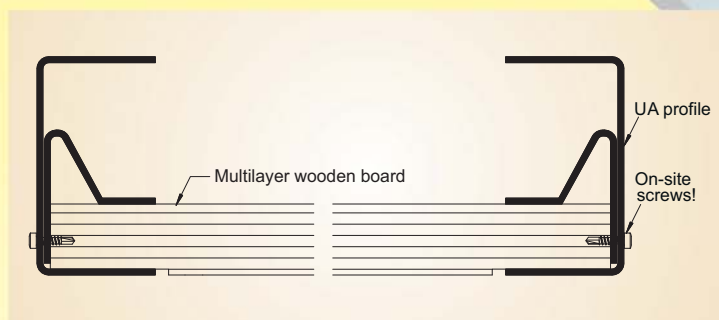
Special advantages of our system:

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Plane support of the plasterboards
- Technically mature solution
- Very secure hold due to metal bracket



The UA-M crossbar is available in the following standard sizes:

Dimensions (WxDxH)	Load
600 x 300 x 30 mm	tested up to 2.5 kN/m
600 x 500 x 30 mm	tested up to 2.5 kN/m
300 x 600 x 30 mm	tested up to 2.5 kN/m



Crossbar made from OSB-board/multifunction board

Wooden crossbar

Product description:

The crossbar consists of a wooden OSB board or multifunction board. A groove is milled into the panel. This groove allows the crossbar to be easily fitted between two CW profiles.

The length of the crossbar is adapted to the stand spacing.



Possible applications:

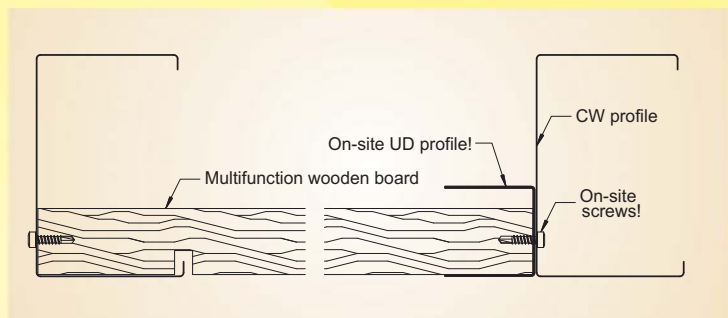
Suitable for hanging lighter objects.

Special advantages of our system:

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Plane support of the plasterboards
- Technically mature solution

The OSB crossbar is available in the following standard sizes:

Dimensions (WxDxH)	Load
623 x 190 x 22 mm	without test
623 x 248 x 22 mm	without test
623 x 300 x 22 mm	without test
623 x 190 x 25 mm	without test
623 x 248 x 25 mm	without test
623 x 300 x 25 mm	without test



BTCW crossbars

Sheet steel crossbar 1.0 mm

Product description:

The crossbar is made of galvanised sheet steel 1.0 mm, with a C-edge on the long side.

The length of the crossbar is matched to the grid dimension of the upright profiles.



Possible applications:

Handrails, hanging furniture, monitors, etc.

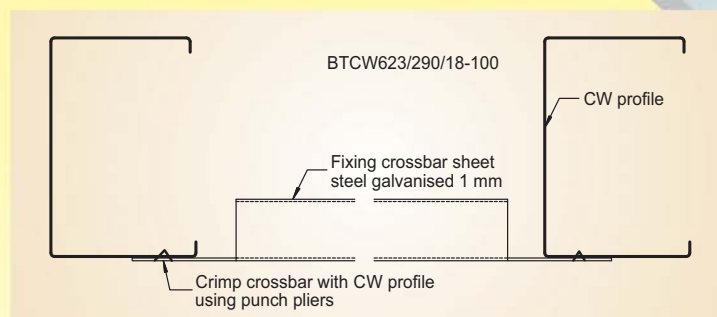
Special advantages of our system:

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution



The crossbar is available in the following standard sizes:

Dimensions (WxDxH)	Load
623 x 290 x 18 mm	tested up to 0.7 kN/m



BTUA crossbars

Sheet steel crossbar 0.75 mm with gypsum fibreboard inlay 18 mm

Product description:

The crossbar is made of galvanised sheet steel 0.75 mm, with a C-edge on the long side and a gypsum fibreboard inlay 18 mm.

The length of the crossbar is matched to the grid dimension of the upright profiles.



Possible applications:

Handrails, hanging furniture, monitors, etc.

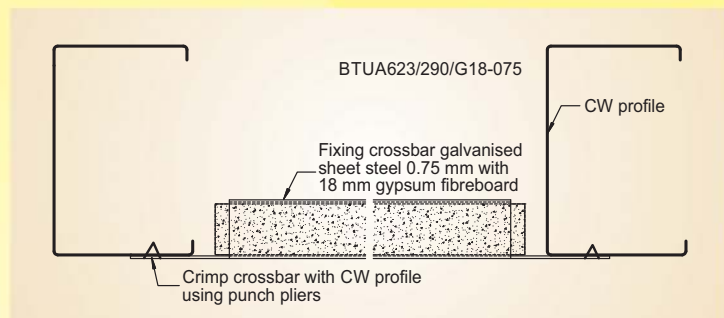
Special advantages of our system:

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Technically mature solution
- Suitable for installation in fire protection walls



The crossbar is available in the following standard sizes:

Dimensions (WxDxH)	Load
623 x 290 x 18 mm	tested up to 1.5 kN/m



FF universal supports

As substructure in plasterboard walls for heavy-duty doors

FF universal supports

the Professional Solution



Variant A

Ceiling connection:
Variant A:
with telescopic tube



Ceiling connection:
Variant B: with angle



Variant B

Only our FF telescopic system enables the absorption of ceiling deflections!

Your ADVANTAGE as a fabricator: fast, precisely fitting and time-saving installation

- No cutting, drilling and welding
- Inexpensive solution
- Short-term delivery possible
- Proven thousands of times in practice
- Quick, trouble-free installation
- Very sturdy design

- Technically mature solution
- Height-adjustable by telescopic tube (variant A) for straight ceiling connection
- Height adjustable by two angles (variant B) in the area of a ceiling projection
- Versions available for mounting on unfinished floor or screed

Variants:

- with telescopic tube
- with angle

Surfaces:

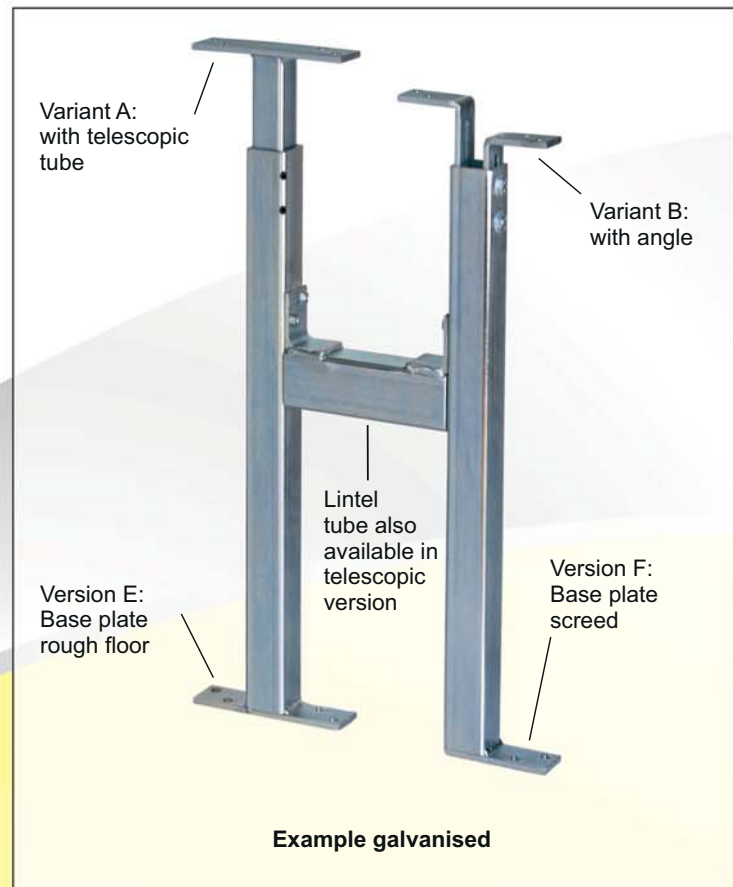
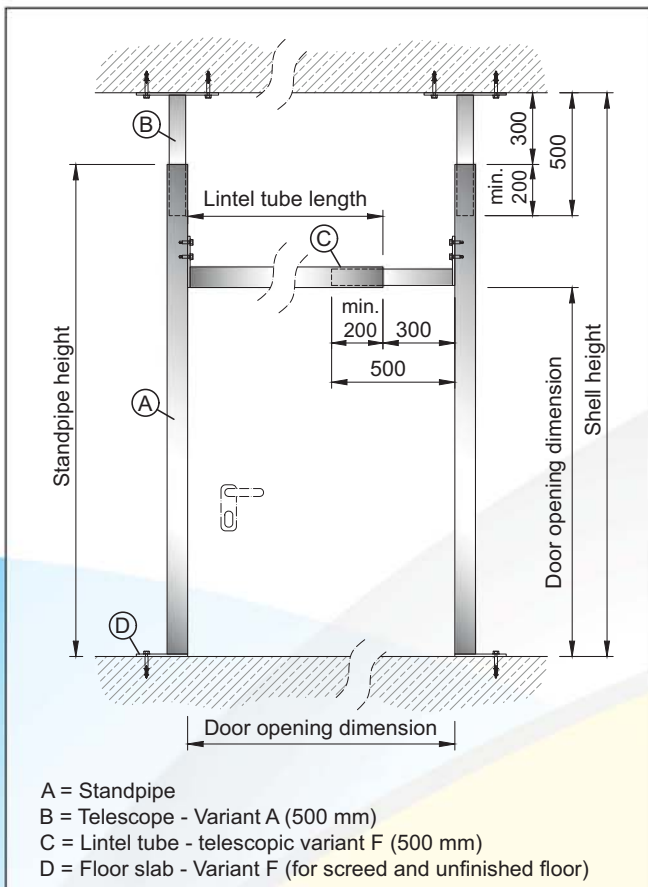
- untreated
- primed
- powder-coated
- galvanised

We recommend the installation of our FF universal supports from a door leaf weight of 75 kg. This is the only way to ensure that no cracks form in the plasterboard wall due to vibration.

From a door leaf weight of 100 kg, the installation of our FF universal supports is mandatory anyway!

Possible on request: C5 coating (duplex coating) or fire protection coating F 30

Product description: The FF universal supports consist of steel square tubes 50/50/4 mm, 75/50/4 mm, 70/70/4 mm, 75/75/4 mm, 100/50/4 mm or 100/100/4 mm. As ceiling connection, the version with 'telescopic tube' or 'angles' is possible. Both systems are height-adjustable and can be fitted precisely. **Absorption of ceiling deflections is possible through our FF telescopic system (no continuous screw).** The lintel tube is also available as a telescopic version. The floor connection consists of a welded-on steel plate that is mounted on the unfinished floor or screed. When installing heavy doors, the two uprights are connected to a cross tube (lintel tube) by means of two fixing brackets. The fastening is done with drill head screws. Use is possible both as a complete element with 2 uprights and a lintel tube or with only one upright as a substructure.



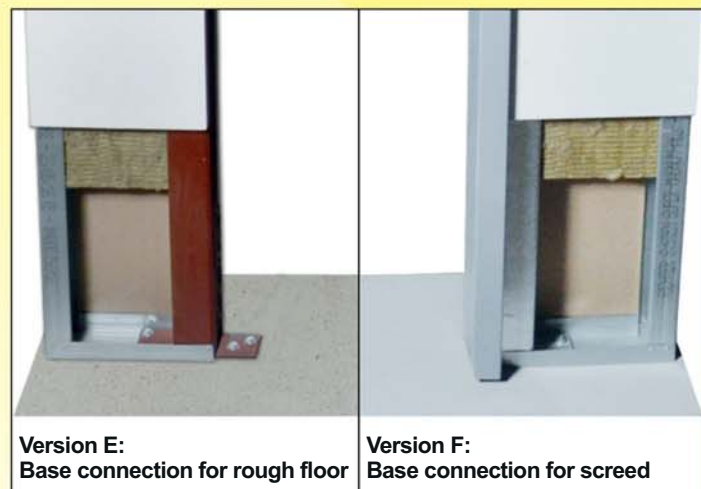
Possible uses: e.g. for heavy doors, fire doors, free-standing walls, skylights, load fastenings, appliance or radiator installations and as reinforcement of any kind.

Custom designs: All custom-made products are manufactured exactly according to the customer's specifications!

Standard dimensions:

Item number	in mm	
	Dimensions	Thickness
US 50 / 50 / 4	50 x 50	4
US 75 / 50 / 4	75 x 50	4
US 70 / 70 / 4	70 x 70	4
US 75 / 75 / 4	75 x 75	4
US 100 / 50 / 4	100 x 50	4
US 100 / 100 / 4	100 x 100	4

Other dimensions and material thicknesses available on request



FF universal supports - standard stock programme

As substructure in plasterboard walls for heavy-duty doors

Our standard stock programme:

Item no.	Name
Standpipe 50 x 50 x 4 mm Base plate F / Telescope C 500 mm	
ST50504-F245	Shell height 2.51 - 2.75 m / standpipe height 2.45 m
ST50504-F270	Shell height 2.76 - 3.00 m / standpipe height 2.70 m
ST50504-F295	Shell height 3.01 - 3.25 m / standpipe height 2.95 m
ST50504-F320	Shell height 3.26 - 3.50 m / standpipe height 3.20 m
ST50504-F345	Shell height 3.51 - 3.75 m / standpipe height 3.45 m
ST50504-F370	Shell height 3.76 - 4.00 m / standpipe height 3.70 m

Item no.	Name
Lintel pipe 50 x 50 x 4 mm Mounting plate welded on one side / telescope F 500 mm	
SZ50504-F74	Lintel width 0.76 - 1.00 m / pipe length 0.74 m
SZ50504-F99	Lintel width 1.01 - 1.25 m / pipe length 0.99 m
SZ50504-F124	Lintel width 1.26 - 1.50 m / pipe length 1.24 m
SZ50504-F149	Lintel width 1.51 - 1.75 m / pipe length 1.49 m
SZ50504-F174	Lintel width 1.76 - 2.01 m / pipe length 1.74 m

Item no.	Name
Standpipe 75 x 50 x 4 mm Base plate F / Telescope C 500 mm	
ST75504-F245	Shell height 2.51 - 2.75 m / standpipe height 2.45 m
ST75504-F270	Shell height 2.76 - 3.00 m / standpipe height 2.70 m
ST75504-F295	Shell height 3.01 - 3.25 m / standpipe height 2.95 m
ST75504-F320	Shell height 3.26 - 3.50 m / standpipe height 3.20 m
ST75504-F345	Shell height 3.51 - 3.75 m / standpipe height 3.45 m
ST75504-F370	Shell height 3.76 - 4.00 m / standpipe height 3.70 m

Item no.	Name
Lintel pipe 75 x 50 x 4 mm Mounting plate welded on one side / telescope F 500 mm	
SZ75504-F74	Lintel width 0.76 - 1.00 m / pipe length 0.74 m
SZ75504-F99	Lintel width 1.01 - 1.25 m / pipe length 0.99 m
SZ75504-F124	Lintel width 1.26 - 1.50 m / pipe length 1.24 m
SZ75504-F149	Lintel width 1.51 - 1.75 m / pipe length 1.49 m
SZ75504-F174	Lintel width 1.76 - 2.01 m / pipe length 1.74 m

Item no.	Name
Standpipe 75 x 75 x 4 mm Base plate F / Telescope C 500 mm	
ST75754-F245	Shell height 2.51 - 2.75 m / standpipe height 2.45 m
ST75754-F270	Shell height 2.76 - 3.00 m / standpipe height 2.70 m
ST75754-F295	Shell height 3.01 - 3.25 m / standpipe height 2.95 m
ST75754-F320	Shell height 3.26 - 3.50 m / standpipe height 3.20 m
ST75754-F345	Shell height 3.51 - 3.75 m / standpipe height 3.45 m
ST75754-F370	Shell height 3.76 - 4.00 m / standpipe height 3.70 m

Item no.	Name
Lintel pipe 75 x 75 x 4 mm Mounting plate welded on one side / telescope F 500 mm	
SZ75754-F74	Lintel width 0.76 - 1.00 m / pipe length 0.74 m
SZ75754-F99	Lintel width 1.01 - 1.25 m / pipe length 0.99 m
SZ75754-F124	Lintel width 1.26 - 1.50 m / pipe length 1.24 m
SZ75754-F149	Lintel width 1.51 - 1.75 m / pipe length 1.49 m
SZ75754-F174	Lintel width 1.76 - 2.01 m / pipe length 1.74 m

Item no.	Name
Standpipe 100 x 50 x 4 mm Base plate F / Telescope C 500 mm	
ST100504-F245	Shell height 2.51 - 2.75 m / standpipe height 2.45 m
ST100504-F270	Shell height 2.76 - 3.00 m / standpipe height 2.70 m
ST100504-F295	Shell height 3.01 - 3.25 m / standpipe height 2.95 m
ST100504-F320	Shell height 3.26 - 3.50 m / standpipe height 3.20 m
ST100504-F345	Shell height 3.51 - 3.75 m / standpipe height 3.45 m
ST100504-F370	Shell height 3.76 - 4.00 m / standpipe height 3.70 m

Item no.	Name
Lintel pipe 100 x 50 x 4 mm Mounting plate welded on one side / telescope F 500 mm	
SZ100504-F74	Lintel width 0.76 - 1.00 m / pipe length 0.74 m
SZ100504-F99	Lintel width 1.01 - 1.25 m / pipe length 0.99 m
SZ100504-F124	Lintel width 1.26 - 1.50 m / pipe length 1.24 m
SZ100504-F149	Lintel width 1.51 - 1.75 m / pipe length 1.49 m
SZ100504-F174	Lintel width 1.76 - 2.01 m / pipe length 1.74 m

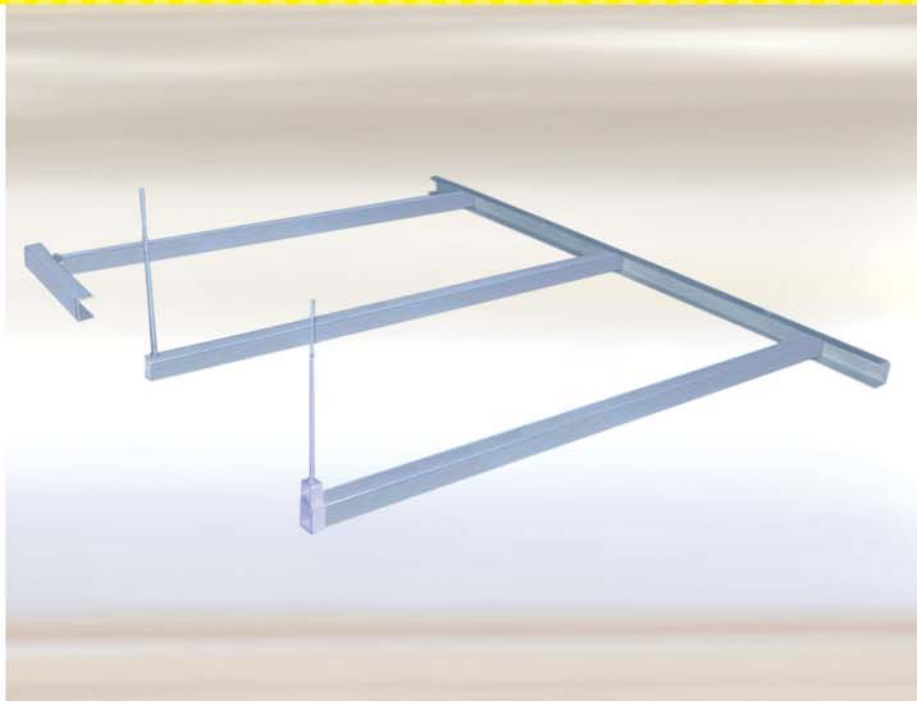
Item no.	Name
Standpipe 100 x 100 x 4 mm Base plate F / Telescope C 500 mm	
ST1001004-F295	Shell height 3.01 - 3.25 m / standpipe height 2.95 m
ST1001004-F320	Shell height 3.26 - 3.50 m / standpipe height 3.20 m
ST1001004-F345	Shell height 3.51 - 3.75 m / standpipe height 3.45 m
ST1001004-F370	Shell height 3.76 - 4.00 m / standpipe height 3.70 m
ST1001004-F395	Shell height 4.01 - 4.25 m / standpipe height 3.95 m
ST1001004-F420	Shell height 4.26 - 4.50 m / standpipe height 4.20 m

Item no.	Name
Lintel pipe 100 x 100 x 4 mm Mounting plate welded on one side / telescope F 500 mm	
SZ1001004-F74	Lintel width 0.76 - 1.00 m / pipe length 0.74 m
SZ1001004-F99	Lintel width 1.01 - 1.25 m / pipe length 0.99 m
SZ1001004-F124	Lintel width 1.26 - 1.50 m / pipe length 1.24 m
SZ1001004-F149	Lintel width 1.51 - 1.75 m / pipe length 1.49 m
SZ1001004-F174	Lintel width 1.76 - 2.01 m / pipe length 1.74 m

Surfaces primed

FF wide span supports

as a self-supporting substructure for ceiling systems



Product description:

FF wide span supports consist of steel square tubes and steel U-profiles.

The wall connection is made by means of steel U-profiles, which are force-fitted to the two opposite walls. The steel square tubes are then pushed into the U-profiles and fixed with the securing part against shifting. The required suspension structures can then be attached to the steel square tubes.

Fastening and suspension variants of the FF wide span supports



Variant 1:
Fastening on both sides
in wall connection profile



Securing part against
displacement

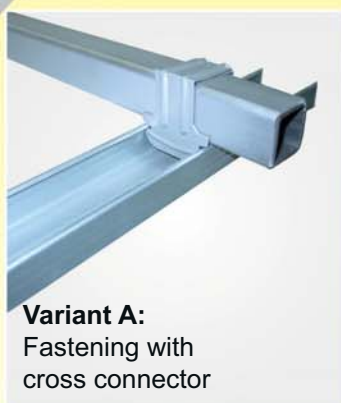


Variant 2:
Suspension with sliding
suspension part



Variant 3:
Suspension with
threaded rod

Fastening options on the FF wide span support



Variant A:
Fastening with
cross connector



Variant B:
Fastening with sliding
suspension part

Possible applications:

Support structure for mounting suspended ceilings in areas where access to the rough ceiling is not possible due to installations or similar.

Custom designs:

These are made-to-measure products that are manufactured exactly according to the customer's specifications.

FF wide span supports

as a self-supporting substructure for ceiling systems

Available surfaces:

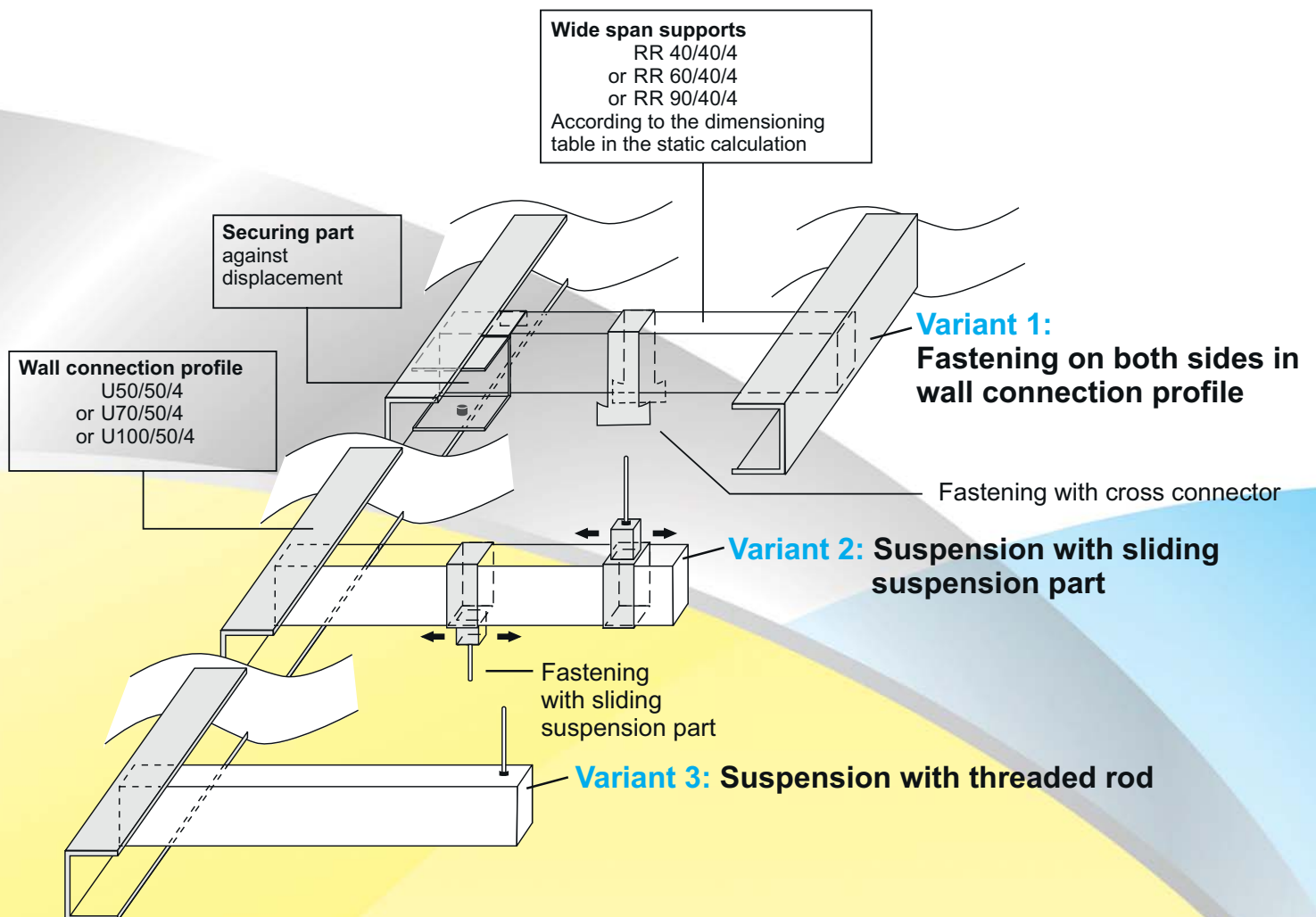
- untreated
- primed
- powder-coated
- galvanised
- C5 coating
- fire protection coating F 30

Accessories for attachment to the FF wide span supports:

- special cross connector
- special vernier top
- sliding suspension part

Accessories for fastening or suspension variants of the FF wide span supports:

- securing part wall connection
- sliding suspension part
- threaded rods



Special advantages of our system

- Inexpensive solution
- Short-term delivery possible
- Quick, trouble-free installation
- Low installation height
- Spans up to 7000 mm possible
- Technically mature solution
- Very sturdy design

the Professional Solution

Watch our installation videos
on Youtube



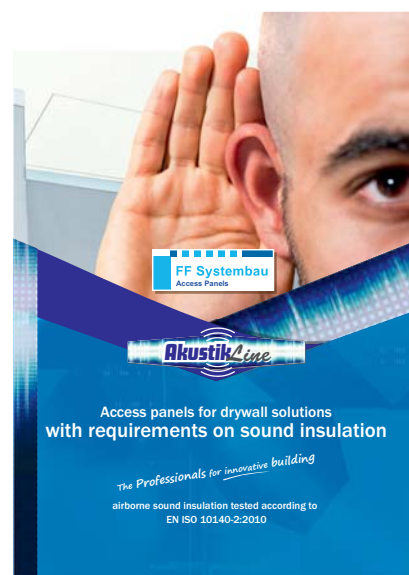
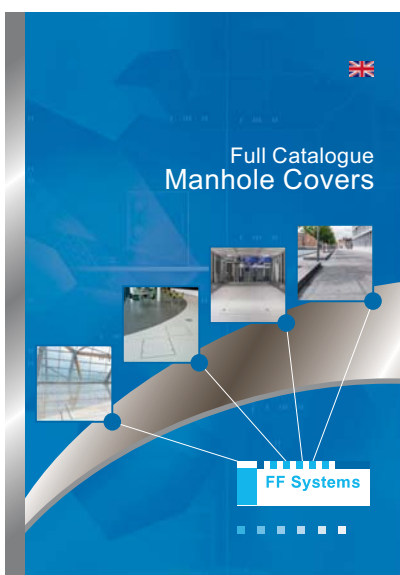
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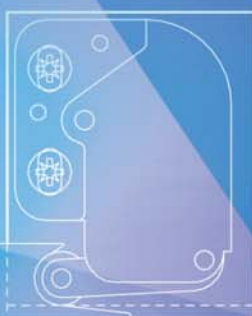
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