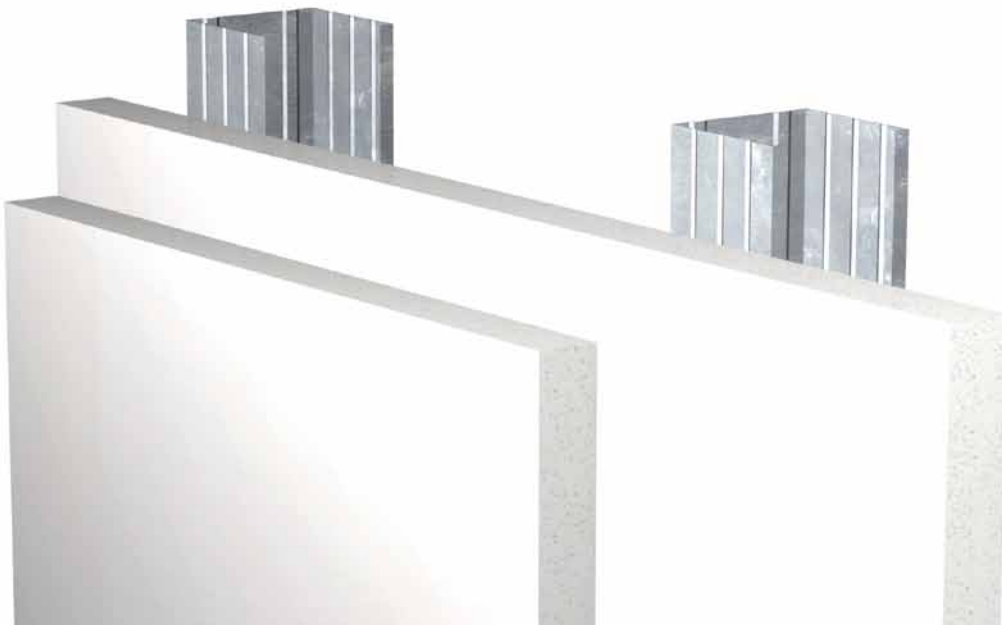# FIREREV access panels
Fire protection in drywalling
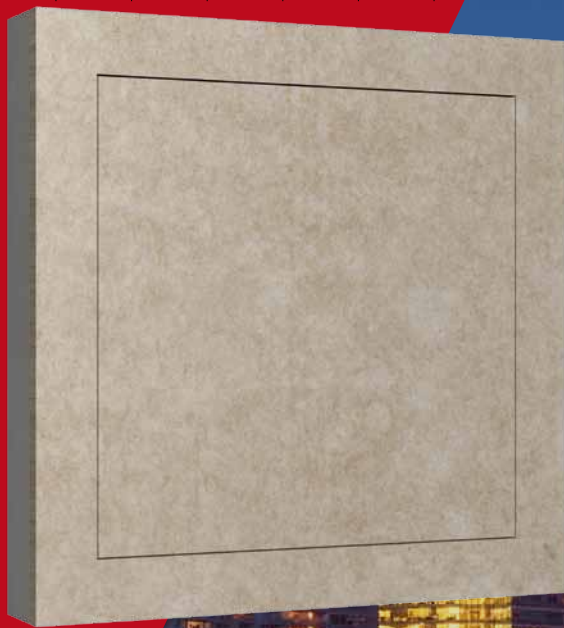
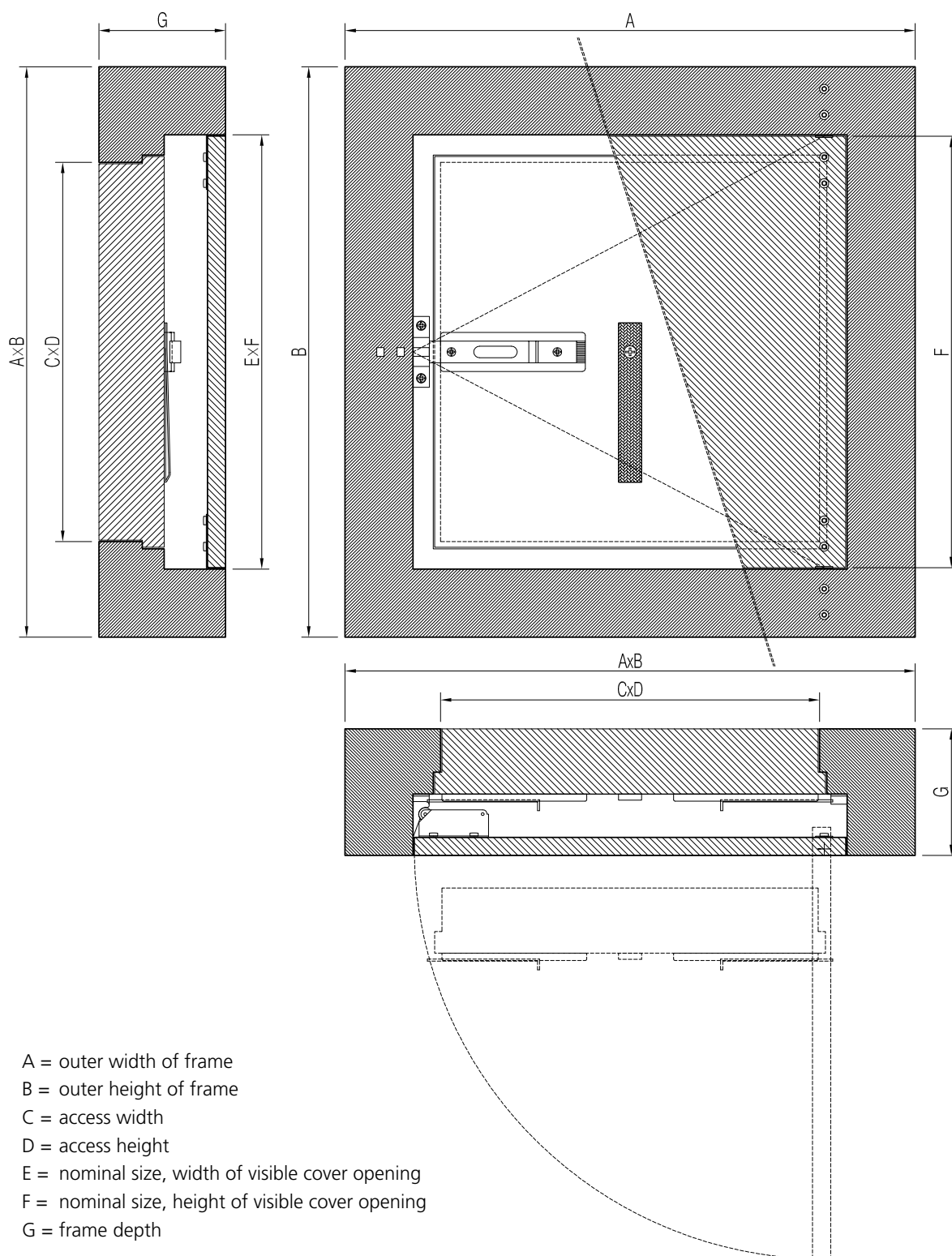# Fire protection knows no compromises

Our products

Our products are designed for preventive fire protection in buildings. They help to secure property and save lives. The highest level of material quality and workmanship is a matter of course for us. In addition to this, our customers can also rely on our products to provide system-independent compatibility, simple and fast installation and compliance with test certificates. Benefit from the power of innovation at our in-house development and the swift implementation at the in-house production facility in Bad Vöslau in Lower Austria. Throughout Austria, our consultants can advise you on anything from planning to installation training at the construction site. They know the right alternative for any of your requirements. But they don't know any compromises.

"With the access panels, we are more secure and relaxed than ever before!"

Product overview

Wall							
Nominal size (E x F) Outer frame dimension mm (A x B) Access dimension mm (C x D)		**200 x 200** 294 x 294 162 x 162	**300 x 300** 394 x 394 262 x 262	**400 x 400** 494 x 494 362 x 362	**500 x 500** 594 x 594 462 x 462	**600 x 600** 694 x 694 562 x 562	
FIREREV type	**Page**	Article number					**Installation depth (G)**
GPS EI90	8	6912020	6913030	6914040	6915050	6916060	87.5
GPS EI30 + EI60	8	6312020	6313030	6314040	6315050	6316060	72.5
VKS EI90	8	6922020	6923030	6924040	6925050	6926060	87.5
VKS EI30 + EI60	8	6322020	6323030	6324040	6325050	6326060	72.5
GP EI90	9	9762020	9763030	9764040	9765050	9766060	90
GP EI30 + EI60	9	9662020	9663030	9664040	9665050	9666060	75
VKW EI90	9	9642003	9643003	9644003	9645003	9646003	90
VKW EI30 + EI60	9	9642053	9643053	9644053	9645053	9646053	75
VKA EI90	10	6952020	6953030	6954040	6955050	6956060	87.5
VKA EI30 + EI60	10	6352020	6353030	6354040	6355050	6356060	72.5
Nominal size (E x F) Outer frame dimension mm (A x B) Access dimension mm (C x D)		**200 x 200** 270 x 270 162 x 162	**300 x 300** 370 x 370 262 x 262	**400 x 400** 470 x 470 362 x 362	**500 x 500** 570 x 570 462 x 462	**600 x 600** 670 x 670 562 x 562	
FIREREV type	**Page**	Article number					**Installation depth (G)**
FLI EI90	10	9642004	9643004	9644004	9645004	9646004	65
FLI EI30 + EI60	10	9642054	9643054	9644054	9645054	9646054	50
SW/SN EI90	11	9642001	9643001	9644001	9645001	9646001	40–50
SW/SN EI30 + EI60	11	9642051	9643051	9644051	9645051	9646051	30

Ceiling							
Nominal size (E x F) Outer frame dimension mm (A x B) Access dimension mm (C x D)		**200 x 200** 294 x 294 152 x 162	**300 x 300** 394 x 394 252 x 262	**400 x 400** 494 x 494 352 x 362	**500 x 500** 594 x 594 452 x 462	**600 x 600** 694 x 694 552 x 562	
FIREREV type	**Page**	Article number					**Installation depth (G)**
DE/GPS EI90	12	6192020	6193030	6194040	6195050	6196060	87.5
DE/GPS EI30	12	6132020	6133030	6134040	6135050	6136060	72.5
DE/VKA EI90	12	6292020	6293030	6294040	6295050	6296060	87.5
DE/VKA EI30	12	6232020	6233030	6234040	6235050	6236060	72.5
DE/GP EI90	13	9762002	9763003	9764004	9765005	9766006	87.5
DE/GP EI30	13	9662002	9663003	9663004	9663005	9663006	72.5
DE/VKW EI90	13	6592020	6593030	6594040	6595050	6596060	90
DE/VKW EI30	13	6532020	6533030	6534040	6535050	6536060	75

Design drawing

A = outer width of frame
B = outer height of frame
C = access width
D = access height
E = nominal size, width of visible cover opening
F = nominal size, height of visible cover opening
G = frame depth

Contents

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Fire testing

FIREREV access panels stand for maximum safety and the greatest possible living comfort, ease of operation and visual requirements. The products are easy to install in compliance with test certificates and can be used universally in shaft walls with cladding on one side, in solid walls or as pass-through hatches in partitioning walls with cladding on both sides. They≈are available with different visible covers made of plasterboard or metal, with snap closures or different lock types. This allows individual requirements to be addressed with the maximum possible size of 120x80cm in walls and 85x85cm in ceilings.

Fire test on a shaft wall structure

Fire load on shaft side (i→o)
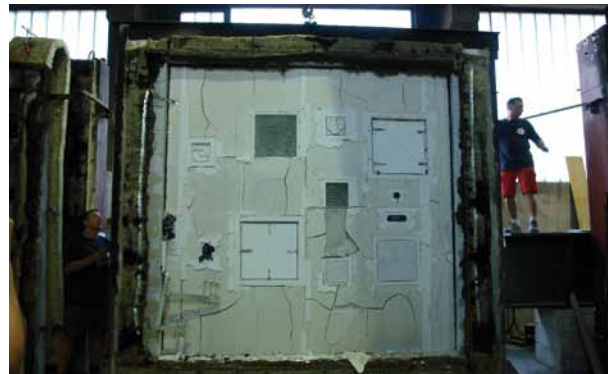
Fire load on room side (o→i)

FIREREV access panels are tested for fire resistance from both sides as per EN 1364-1 and EN1634-1 in EI90, EI60 and EI30 shaft walls as well as in EI120 solid walls, tested for smoke control as per EN 1634-3 and are classified as per EN13501-2.

Fire test on a suspended ceiling structure
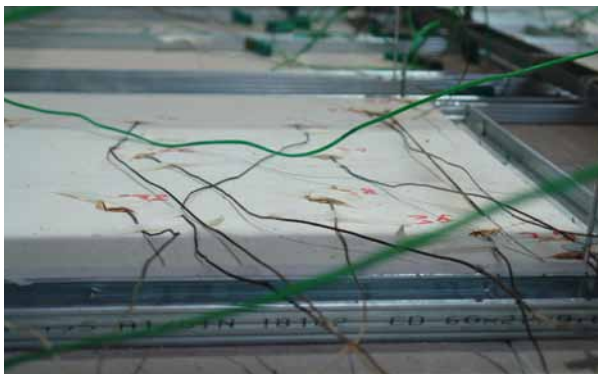
Fire load on underside of ceiling (b→a)

Fire load on top of ceiling (a→b)

FIREREV access panels for ceilings are tested for fire resistance as per EN 1364-2 in EI90 and EI30 suspended ceiling structures and in EI120 solid ceilings and are classified as per EN 13501-2.

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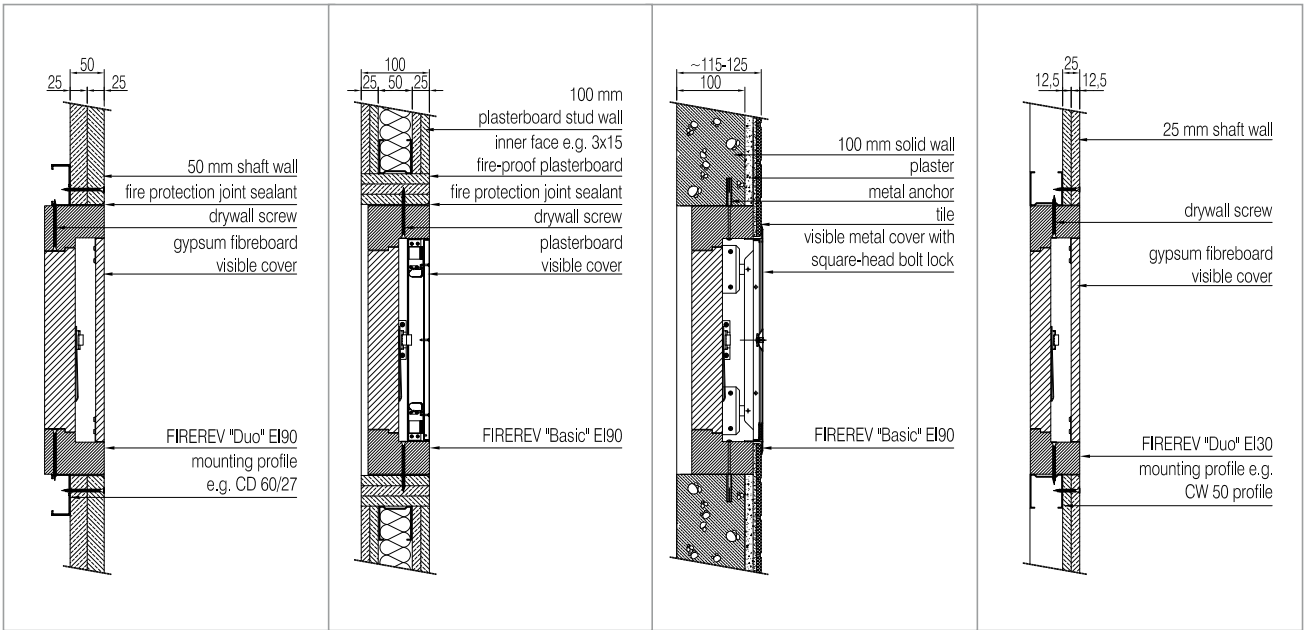
*"Safe, flexible and
easy to install."*

Fire resistance testing as per European standards including concealed WC cistern installed in a shaft wall

The PREMO WC element is tested for fire resistance and classified in EI90 shaft walls from both sides.

PREMO socket and spotlight housings are tested and classified in EI90 and EI30 shaft walls and suspended ceiling structures and in EI90 plasterboard partitioning walls.

Installation

Create wall opening

Attach mounting profiles all around

6

Attach installation frame to mounting profiles

Fill continuous gap with fire protection
joint sealant or joint filler

Install reinforcement strip
and apply filler

Paint

WALL

EI90 fire-proof plasterboard
shaft wall 2x25 mm
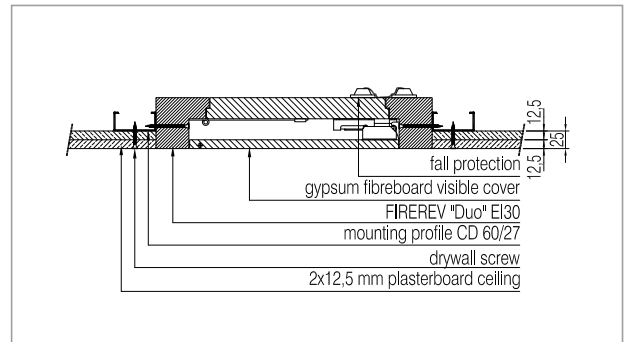(or 2x20 / 3x15 mm)

EI90 plasterboard stud wall
≥100 mm

EI90 solid wall
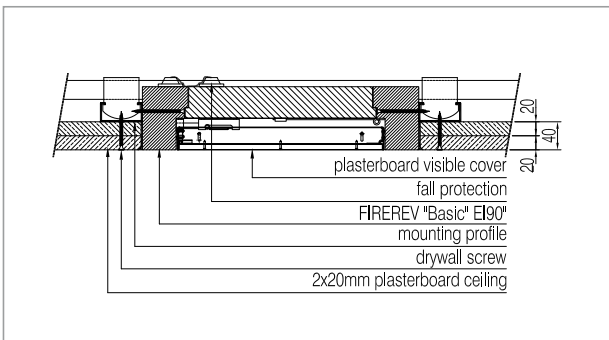≥100 mm

EI30 fire-proof plasterboard shaft
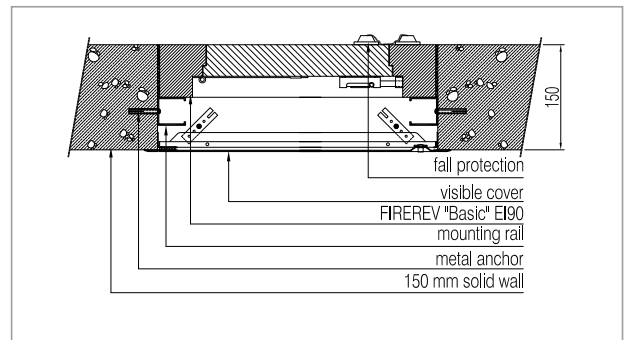wall 2x12.5 mm

7
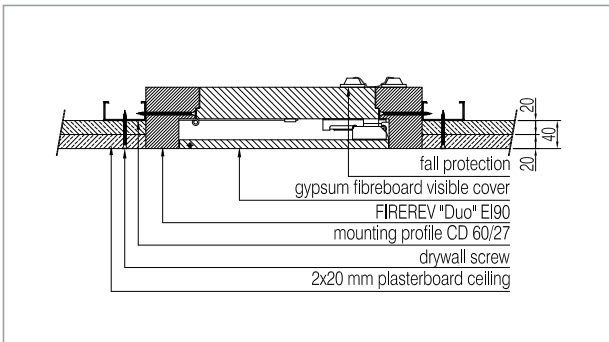
CEILING

EI90 fire-proof plasterboard ceiling
2x20 mm

EI30 fire-proof plasterboard ceiling
2x12.5 mm

EI90 fire-proof plasterboard ceiling
2x20 mm

EI90/EI120 solid ceiling
≥150 mm

EI120 / EI90 / EI60 / EI30

FIREREV Duo GPS

Visible cover made of plasterboard with snap closure and hinges

Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm
Shaft wall EI60	cladding 2x15 mm
Shaft wall EI30	cladding 2x12.5 mm

Note

■ Special sizes for EI90/EI120 to 600x800 mm
■ Short delivery time for all special sizes
■ Fire resistance and smoke control tested from room side and shaft side
■ Less effort for filling and painting

■ Areas of application must be checked in the respective national approvals!

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FIREREV Duo VKS

Visible cover made of gypsum fibreboard with square-head bolt lock and hinges

Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm
Shaft wall EI60	cladding 2x15 mm
Shaft wall EI30	cladding 2x12.5 mm

Note

■ Special sizes for EI90/EI120 to 600x800 mm
■ Short delivery time for all special sizes
■ Fire resistance and smoke control tested from room side and shaft side
■ Less effort for filling and painting

■ Areas of application must be checked in the respective national approvals!

FIREREV Basic GP

Visible cover made of metal with snap closure and plasterboard surface

Standard sizes

from **200x200** mm to **600x600** mm (WxH)
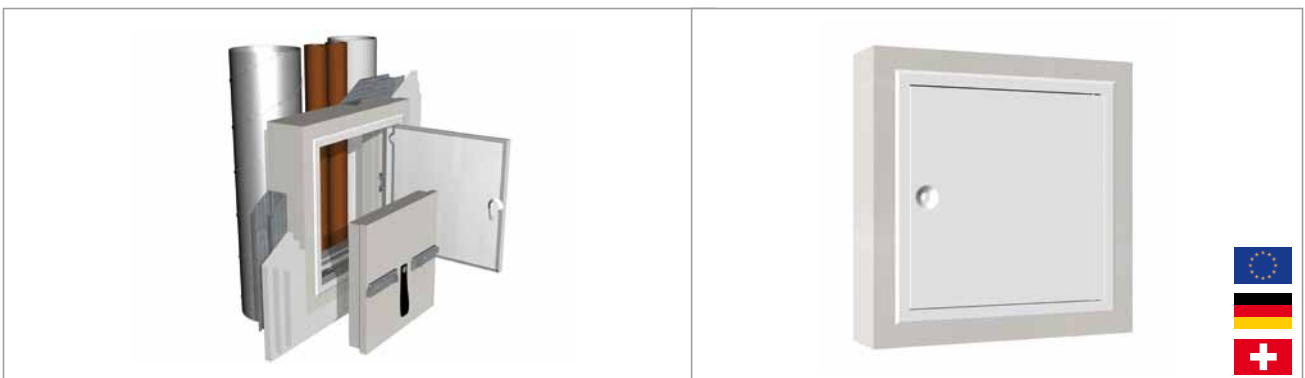
Areas of application

Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm
Shaft wall EI60	cladding 2x15 mm
Shaft wall EI30	cladding 2x12.5 mm

Note

■ Special sizes for EI90/EI120 to 800x800 mm or 600x1000 mm

■ Fire resistance and smoke control tested from room side and shaft side

■ Areas of application must be checked in the respective national approvals!

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FIREREV Basic VKW

Visible cover made of metal with square-head bolt lock, white powder coated (RAL 9016)

Standard sizes

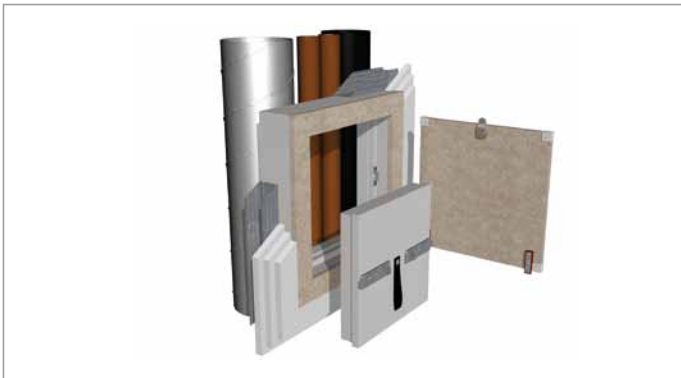from **200x200** mm to **600x600** mm (WxH)

Areas of application

Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm
Shaft wall EI60	cladding 2x15 mm
Shaft wall EI30	cladding 2x12.5 mm

Note

■ Special sizes for EI90/EI120 up to 800x1200 mm or 1200x800 mm

■ Fire resistance and smoke control tested from room side and shaft side

■ Areas of application must be checked in the respective national approvals!

EI120 / EI90 / EI60 / EI30

FIREREV Duo VKA

**Visible cover made of gypsum fibreboard
with square-head bolt lock, removable**

Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

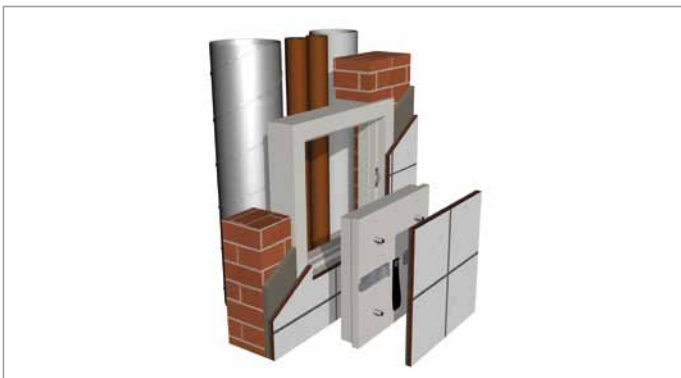|	
Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm
Shaft wall EI60	cladding 2x15 mm
Shaft wall EI30	cladding 2x12.5 mm

Note

- Special sizes for EI90/EI120 up to 800x1200 mm or 1200x800 mm
- Short delivery time for all special sizes
- Fire resistance and smoke control tested from room side and shaft side
- Less effort for filling and painting

- Areas of application must be checked in the respective national approvals!

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FIREREV Basic FLI

**With tile carrier plate made of galvanised steel and
height-adjustable magnetic holder**

Standard sizes

from **200x200** mm to **400x400** mm (WxH)

Areas of application

Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm
Shaft wall EI60	cladding 2x15 mm
Shaft wall EI30	cladding 2x12.5 mm

Note

- Fire resistance and smoke control tested from room side and shaft side

- Areas of application must be checked in the respective national approvals!

FIREREV Basic SW/SN

**With bolted-on metal cover plate,
white powder coated (RAL 9016) or stainless steel**

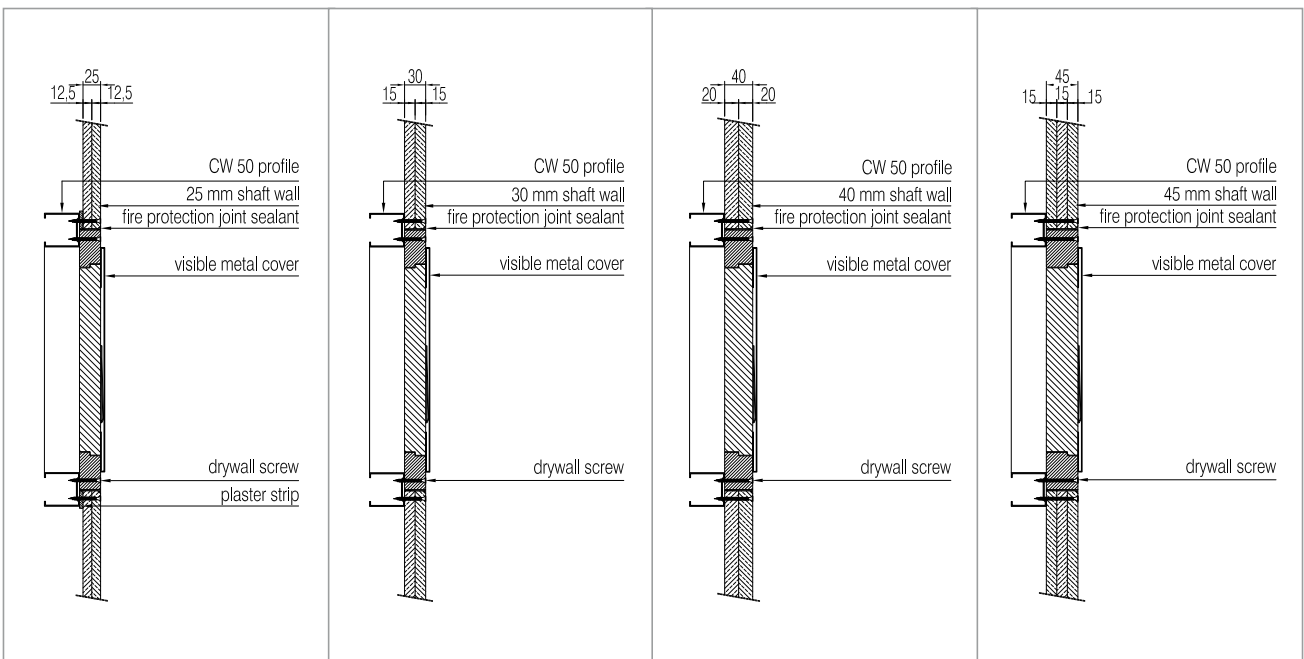### Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

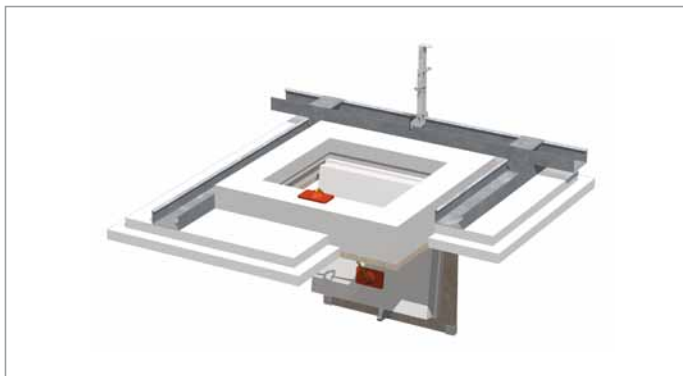|	
Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Shaft wall EI60	cladding 2x15 mm
Shaft wall EI30	cladding 2x12.5 mm

Note

- Standard sizes EI60 for 200x200 mm to 400x400 mm
- Installation depth coordinated with shaft wall thickness (30/40/45/50 mm)
- Fire resistance and smoke control tested from room side and shaft side

- Areas of application must be checked in the respective national approvals!

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Installation of FIREREV Basic SW/SN

25 12,5 12,5	CW 50 profile 25 mm shaft wall fire protection joint sealant visible metal cover drywall screw plaster strip
30 15 15	CW 50 profile 30 mm shaft wall fire protection joint sealant visible metal cover drywall screw
40 20 20	CW 50 profile 40 mm shaft wall fire protection joint sealant visible metal cover drywall screw
45 15 15 15	CW 50 profile 45 mm shaft wall fire protection joint sealant visible metal cover drywall screw

EI90 / EI30

FIREREV Duo DE/GPS

**Visible cover made of plasterboard
with snap closure and hinges**

Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

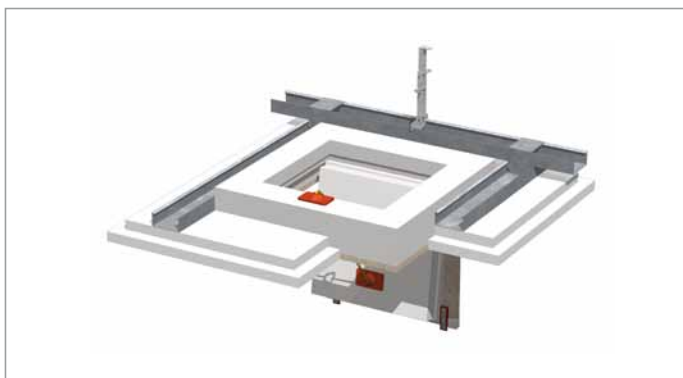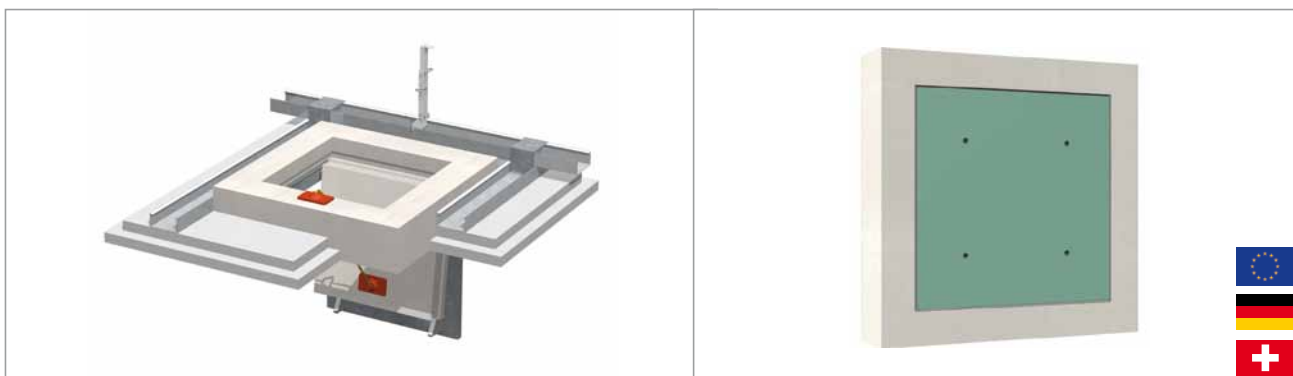**Suspended fire-proof plasterboard ceiling EI90**
cladding 2x20 mm
Suspended fire-proof plasterboard ceiling EI30
cladding 2x12.5 mm

Note

- Fire resistance tested from both sides up to 600x600 mm
- Short delivery time for all special sizes
- Less effort for filling and painting

- Areas of application must be checked in the respective national approvals!

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FIREREV Duo DE/VKA

**Visible cover made of gypsum fibreboard
with square-head bolt lock, removable**

Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

Suspended fire-proof plasterboard ceiling EI90
cladding 2x20 mm
Suspended fire-proof plasterboard ceiling EI30
cladding 2x12.5 mm

Note

- Special sizes up to 850x850 mm
- Fire resistance tested for EI90 from both sides up to 600x600 mm, from the top surface of the ceiling up to 850x850 mm
- Fire resistance for EI30 tested from both sides up to 850x850 mm
- Short delivery time for all special sizes
- Less effort for filling and painting

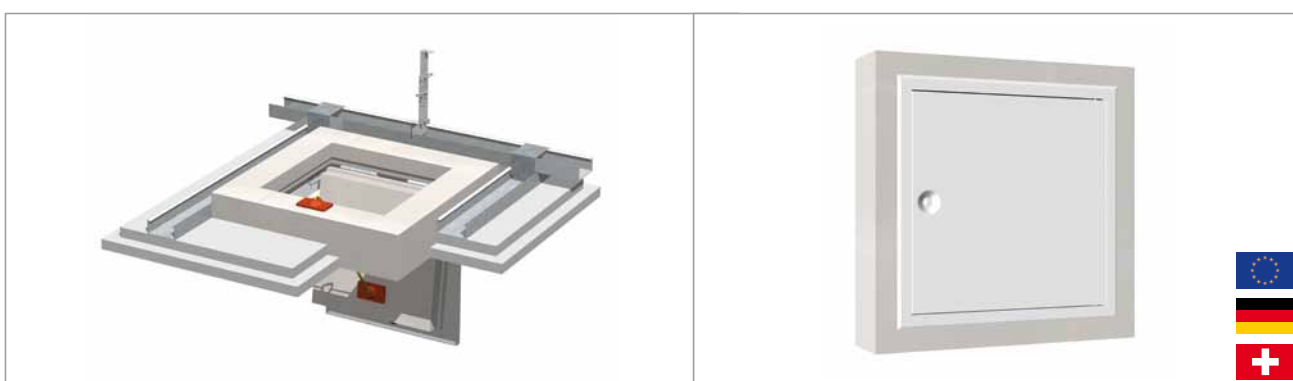- Areas of application must be checked in the respective national approvals!

FIREREV Basic DE/GP

**Visible cover made of metal
with snap closure and plasterboard surface**

Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

Suspended fire-proof plasterboard ceiling EI90	cladding 2x20 mm
Solid ceiling EI90/EI120	thickness ≥ 150 mm
Suspended fire-proof plasterboard ceiling EI30	cladding 2x12.5 mm

Note

- Special sizes up to 850x850 mm
- Fire resistance tested for EI90 from both sides up to 600x600 mm, from the top surface of the ceiling up to 850x850 mm
- Fire resistance for EI30 tested from both sides up to 850x850 mm

- Areas of application must be checked in the respective national approvals!

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FIREREV Basic DE/VKW

**Visible cover made of metal with square-head bolt lock,
white powder coated (RAL 9016)**

Standard sizes

from **200x200** mm to **600x600** mm (WxH)

Areas of application

Suspended fire-proof plasterboard ceiling EI90	cladding 2x20 mm
Solid ceiling EI90/EI120	thickness ≥ 150 mm
Suspended fire-proof plasterboard ceiling EI30	cladding 2x12.5 mm

Note

- Special sizes up to 850x850 mm
- Fire resistance tested for EI90 from both sides up to 600x600 mm, from the top surface of the ceiling up to 850x850 mm
- Fire resistance for EI30 tested from both sides up to 850x850 mm
- Fire resistance for EI90/EI120 in solid ceilings tested from underside of ceiling up to 600x600 mm

- Areas of application must be checked in the respective national approvals!

FIREREV VKS

Two opening panels

Sizes

On request

Areas of application

Shaft wall EI90	cladding 2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm

Note

■ Visible cover made of gypsum fibreboard with square-head bolt lock and hinges (VKS)

FIREREV Basic/Duo

Door in door

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Sizes

Folding door in door, opening up to **300x300** mm (WxH)

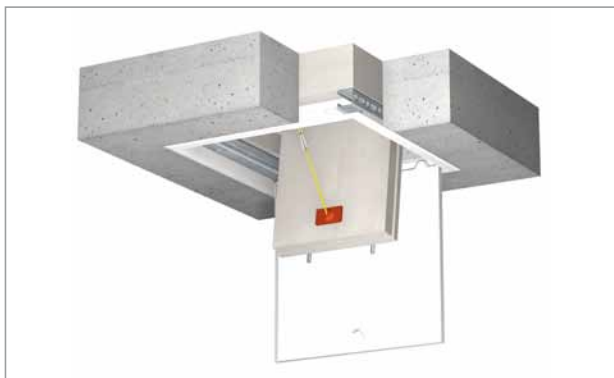### Areas of application

Shaft wall EI90	cladding 2x20/3x15/2x25 mm
Plasterboard stud wall EI90	thickness ≥ 100 mm
Solid wall EI90/EI120	thickness ≥ 100 mm

Note

■ For all types with FIREREV access panels

FIREREV DE/VKW

Application for solid ceilings

Sizes

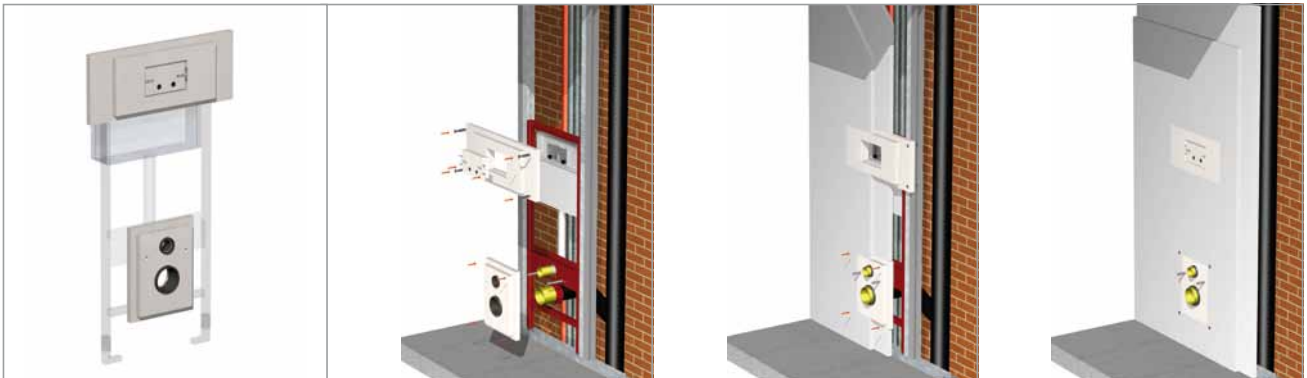from **200x200** mm to **600x600** mm (WxH)

Areas of application

Solid ceiling EI90/EI120	thickness ≥ 150 mm

Note

■ Fire resistance for EI90/EI120 in solid ceilings tested from underside of ceiling up to 600x600 mm
■ Positioning and fixing with steel profiles (installation details see page 7)

PREMO WC ELEMENT

For shaft walls with cladding on one side

The PREMO WC ELEMENT consists of a fire protection access opening with stepped installation frame for partitioning of and access to the cistern as well as a pipe partitioning module for partitioning the wastewater and flushing pipes.

EI90 classification as per EN 13501-2 for installation in plasterboard shaft walls with cladding on one side with 2x20 mm, 2x25 mm or 3x15 mm cladding thickness. The stepping of the WC element is adapted to the thickness of the plasterboards.

PREMO ED

Installation housing for socket partitionings 15

EI30 and EI90 classified as per EN 13501-2 for installation in plasterboard shaft walls, stud walls and suspended ceiling structures.

PREMO ES

Installation housing for luminaire partitionings

EI30 and EI90 classified as per EN 13501-2 for installation in plasterboard shaft walls, stud walls and suspended ceiling structures.

AIR FIRE TECH

Fire protection systems

1130 Vienna
Austria
Stranzenberggasse 7b/1/2
T: +43 1 982 01 74-0
F: +43 1 982 01 74-930
E: office@airfiretech.at
I: www.airfiretech.at

Production plant:
Dr. Mayer-Gunthofstraße
2540 Bad Vöslau
Austria

"Our employees provide advice from planning to installation throughout Austria."

www.airfiretech.at