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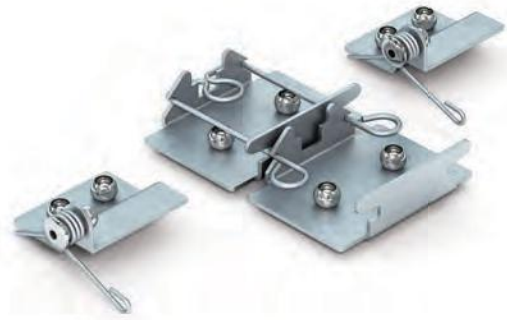
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## SPRING LOCK (CZ)



Push-lock made by pressing zinc-coated sheet and spring wire. Much like the US lock, this is a push-lock operated by pressing the door in the place where the spring is located. The difference is in the door mounting (specific angle and spacing requirements) to assure the correct lock function.

The doors with edges shorter than 500 mm take one lock, doors over 500 mm take two. The maximum door size for this type of lock is 900x900 mm.



## PUSH-LOCK (US)



It is a lock mounted on the outer frame of the inspection door. The advantages against Spring lock CZ are sturdier construction and easier opening. This lock is primarily used with doors mounted in brick walls or under tiling, where Spring lock CZ does not meet the necessary requirements. Push-lock US can be mounted on all types of inspection doors.

The doors with this lock open by pressing on the spot where the lock is located. Doors with edges shorter than 300 mm take one lock in the centre. Edges up to 1000 mm take two locks. Edges over 1000 mm take 3 or more locks.



## SQUARE KEY LOCK (KL)



Doors supplied with tubular key provide a simple solution against unwanted opening. Depending on door dimensions and sturdiness requirements one or more locks are mounted. It is recommended for large doors as an alternative to US lock, or as its supplement.

The doors are supplied with a four-sided plastic key.



## CYLINDRICAL LOCK (FAB)



The FAB lock with a profiled key is suitable for preventing unwanted opening. Standard door types take one lock in the middle. If requested by the customer or in case of larger doors, these are provided with an US lock on both sides. Doors are supplied with two keys.



## DIMENSIONS DESCRIPTION

For every type of inspection door there is a drawing with detailed dimensioning in the catalogue. These dimensions allow for creating the doors. The basic dimension is the dimension A - inner size of the outer frame. This dimension is also a part of the article name.

PRESSED ALUMINUM INSPECTION DOORS

# CLASSIC 12.5 mm

push lock, removable

The doors are manufactured from proprietary aluminium profiles, which are pressed together with reinforcing zinc-coated corners to create the inner and outer frame. The complete set is not connected using fixed hinges and allows the door to be removed from the frame if required.

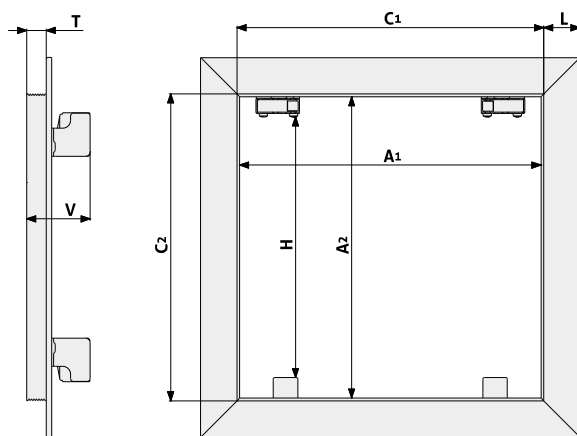
By default, this model is produced with a white or green panel mounted into the frame with screws. Upon customer request it is possible to mount the panel using a high-strength adhesive, which enables quick and easy finishing.



The main advantages of the model:

- Reinforced pressed corners
- Removable inner frame to increase opening size
- Minimal gap
- Safety chain included
- Easily replaceable door panel right after installation

Comfortable opening and closing is made possible with two push-locks located in corners of the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

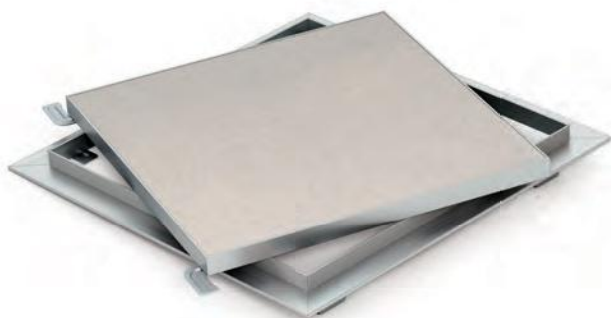
The doors are equipped with a safety chain, which prevents the door from falling out by accident.



Minimum size	Maximum size
150 mm x 150 mm	800 mm x 800 mm
 Push	 Partition
 Ceiling	

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A1	T	V
TMD-5190	RDL 200x200x12.5 GKB US (R)	0,84 kg	204	204	24	174	200	13	43
TMD-5191	RDL 200x300x12.5 GKB US (R)	1,09 kg	204	304	24	274	200	13	43
TMD-5192	RDL 300x300x12.5 GKB US (R)	1,42 kg	304	304	24	274	300	13	43
TMD-5193	RDL 300x400x12.5 GKB US (R)	1,76 kg	304	404	24	374	300	13	43
TMD-5194	RDL 300x600x12.5 GKB US (R)	2,43 kg	304	604	24	574	300	13	43
TMD-5195	RDL 400x400x12.5 GKB US (R)	2,19 kg	404	404	24	374	400	13	43
TMD-5196	RDL 400x600x12.5 GKB US (R)	3,04 kg	404	604	24	574	400	13	43
TMD-5197	RDL 500x500x12.5 GKB US (R)	3,13 kg	504	504	24	474	500	13	43
TMD-5198	RDL 600x600x12.5 GKB US (R)	4,26 kg	604	604	24	574	600	13	43
TMD-5199	RDL 700x700x12.5 GKB US (R)	5,57 kg	704	704	24	674	700	13	43



Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door.

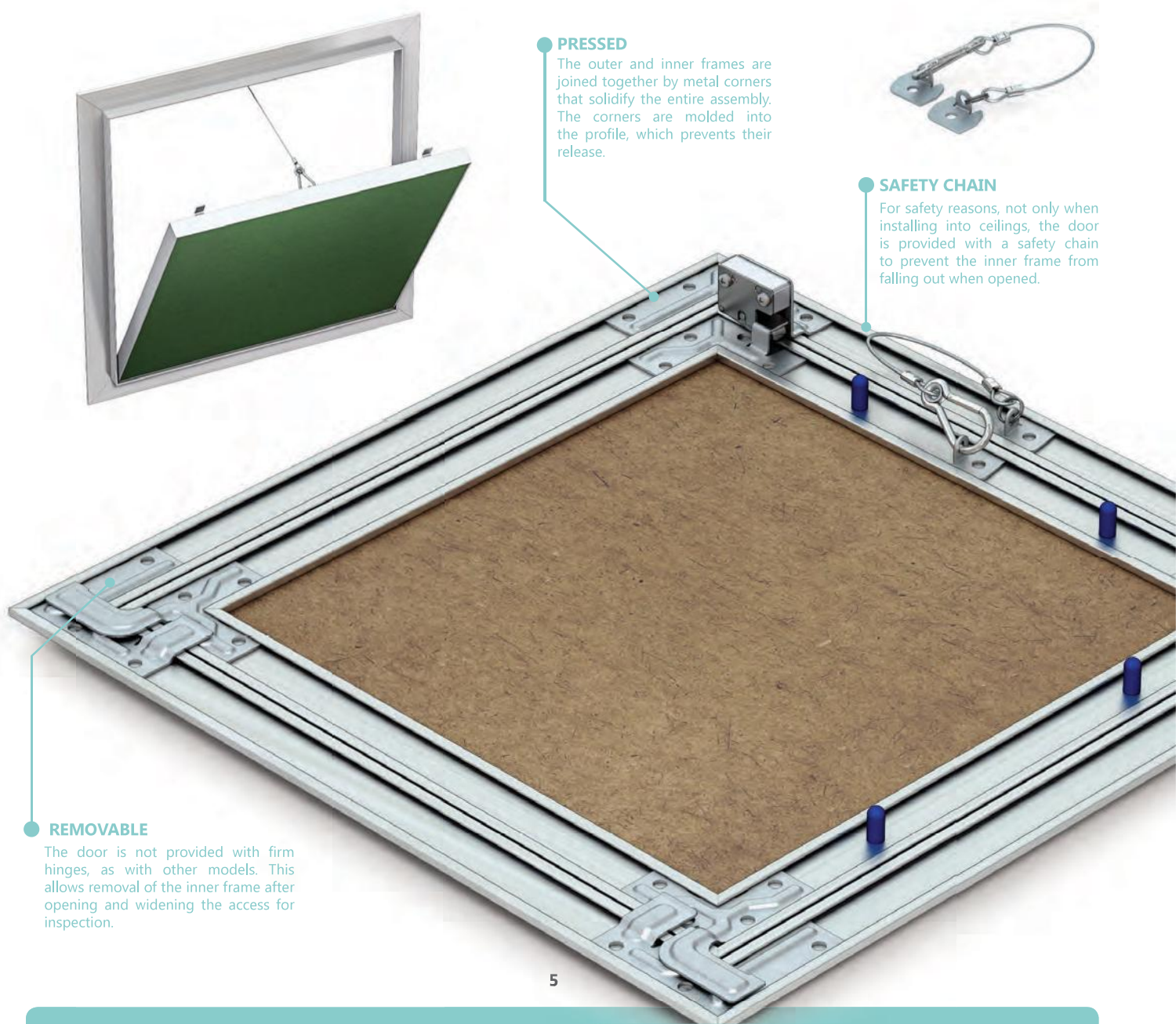
Custom options:

- Panel attached with glue instead of screws
- Different 12,5 mm thick panel (GKF, GKFi, blue acoustic, perforated...)
- Optional no panel
- Atypical dimensions
- Door with fixed hinge

The doors are packed by 2 in a cardboard box.

*Green board GKBi – impregnated for wet environment*

Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole		Height	
			C1	C2	L	H	A1	T	V	
TMD-5200	RDL 200x200x12.5 GKBi US (R)	0,85 kg	204	204	24	174	200	13	43	
TMD-5201	RDL 200x300x12.5 GKBi US (R)	1,10 kg	204	304	24	274	200	13	43	
TMD-5202	RDL 300x300x12.5 GKBi US (R)	1,45 kg	304	304	24	274	300	13	43	
TMD-5203	RDL 300x400x12.5 GKBi US (R)	1,79 kg	304	404	24	374	300	13	43	
TMD-5204	RDL 300x600x12.5 GKBi US (R)	2,48 kg	304	604	24	574	300	13	43	
TMD-5205	RDL 400x400x12.5 GKBi US (R)	2,23 kg	404	404	24	374	400	13	43	
TMD-5206	RDL 400x600x12.5 GKBi US (R)	3,11 kg	404	604	24	574	400	13	43	
TMD-5207	RDL 500x500x12.5 GKBi US (R)	3,20 kg	504	504	24	474	500	13	43	
TMD-5208	RDL 600x600x12.5 GKBi US (R)	4,36 kg	604	604	24	574	600	13	43	
TMD-5209	RDL 700x700x12.5 GKBi US (R)	5,71 kg	704	704	24	674	700	13	43	



**PRESSED**  
The outer and inner frames are joined together by metal corners that solidify the entire assembly. The corners are molded into the profile, which prevents their release.

**SAFETY CHAIN**  
For safety reasons, not only when installing into ceilings, the door is provided with a safety chain to prevent the inner frame from falling out when opened.

**REMOVABLE**  
The door is not provided with firm hinges, as with other models. This allows removal of the inner frame after opening and widening the access for inspection.



PRESSED ALUMINUM INSPECTION DOORS

# DUST-PROOF 12.5 mm

push lock, removable, brush sealing

The doors are manufactured from proprietary aluminium profiles, which are pressed together with reinforcing zinc-coated corners to create the inner and outer frame. The complete set is not connected using fixed hinges and allows the door to be removed from the frame if required.

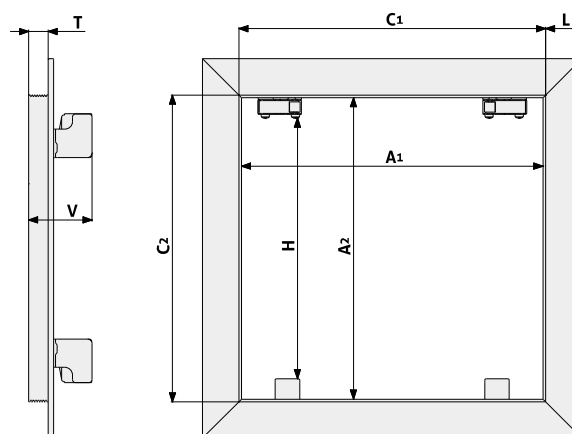
The inner frame is equipped with a brush lining which prevents dust from inside the shaft from blowing into the room. By default, this model is produced with a white or green panel mounted into the frame with screws. Upon customer request it is possible to mount the panel using a high-strength adhesive, which enables quick and easy finishing.

The main advantages of the model:

- Reinforced pressed corners
- Removable inner frame to increase opening size
- Brush lining for dust collection
- Safety chain included
- Easily replaceable door panel right after installation
- Possibility of using ceramic tiling

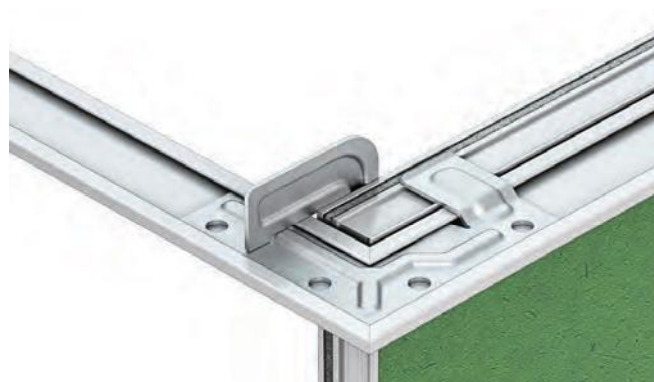
Comfortable opening and closing is made possible with two push-locks located in corners of the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close. The doors are equipped with a safety chain, which prevents the door from falling out by accident.

Minimum size		Maximum size	
150 mm x 150 mm		800 mm x 800 mm	
Push	Dust	Partition	Ceiling
		Tile	



White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A1	T	V
TMD-5210	RDLp 200x200x12.5 GKB US dust-proof (R)	0,84 kg	204	204	24	174	200	13	43
TMD-5211	RDLp 200x300x12.5 GKB US dust-proof (R)	1,09 kg	204	304	24	274	200	13	43
TMD-5212	RDLp 300x300x12.5 GKB US dust-proof (R)	1,42 kg	304	304	24	274	300	13	43
TMD-5213	RDLp 300x400x12.5 GKB US dust-proof (R)	1,76 kg	304	404	24	374	300	13	43
TMD-5214	RDLp 300x600x12.5 GKB US dust-proof (R)	2,43 kg	304	604	24	574	300	13	43
TMD-5215	RDLp 400x400x12.5 GKB US dust-proof (R)	2,18 kg	404	404	24	374	400	13	43
TMD-5216	RDLp 400x600x12.5 GKB US dust-proof (R)	3,04 kg	404	604	24	574	400	13	43
TMD-5217	RDLp 500x500x12.5 GKB US dust-proof (R)	3,13 kg	504	504	24	474	500	13	43
TMD-5218	RDLp 600x600x12.5 GKB US dust-proof (R)	4,26 kg	604	604	24	574	600	13	43
TMD-5219	RDLp 700x700x12.5 GKB US dust-proof (R)	5,57 kg	704	704	24	674	700	13	43



The doors meet the requirements in category 2 of the norm ČSN EN 1026 on air permeability.

Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door.

Custom options:

- Panel attached with glue instead of screws
- Different 12,5 mm thick panel (GKF, GKFi, blue acoustic, perforated...)
- Optional no panel
- Atypical dimensions
- Door with fixed hinge

The doors are packed by 2 in a cardboard box.

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole		Height	
			C1	C2	L	H	A1	T	V	
TMD-5220	RDLp 200x200x12.5 GKBi US dust-proof (R)	0,85 kg	204	204	24	174	200	13	43	
TMD-5221	RDLp 200x300x12.5 GKBi US dust-proof (R)	1,10 kg	204	304	24	274	800	13	43	
TMD-5222	RDLp 300x300x12.5 GKBi US dust-proof (R)	1,45 kg	304	304	24	274	300	13	43	
TMD-5223	RDLp 300x400x12.5 GKBi US dust-proof (R)	1,79 kg	304	404	24	374	300	13	43	
TMD-5224	RDLp 300x600x12.5 GKBi US dust-proof (R)	2,48 kg	304	604	24	574	300	13	43	
TMD-5225	RDLp 400x400x12.5 GKBi US dust-proof (R)	2,23 kg	404	404	24	374	400	13	43	
TMD-5226	RDLp 400x600x12.5 GKBi US dust-proof (R)	3,11 kg	404	604	24	574	400	13	43	
TMD-5227	RDLp 500x500x12.5 GKBi US dust-proof (R)	3,20 kg	504	504	24	474	500	13	43	
TMD-5228	RDLp 600x600x12.5 GKBi US dust-proof (R)	4,36 kg	604	604	24	574	600	13	43	
TMD-5229	RDLp 700x700x12.5 GKBi US dust-proof (R)	5,71 kg	704	704	24	674	700	13	43	



**PRESSED**

The outer and inner frames are joined together by metal corners that solidify the entire assembly. The corners are molded into the profile, which prevents their release.

**BRUSH SEALING**

The seal prevents the air from penetrating through the gap between the inner and outer frames and prevents dust from spilling from the shaft into the room.

**REMOVABLE**

The door is not provided with firm hinges, as with other models. This allows removal of the inner frame after opening and widening the access for inspection.



PRESSED ALUMINUM INSPECTION DOORS

# AIR-TIGHT 12.5 mm

push lock, removable, rubber sealing

The doors are manufactured from proprietary aluminium profiles, which are pressed together with reinforcing zinc-coated corners to create the inner and outer frame. The complete set is not connected using fixed hinges and allows the door to be removed from the frame if required.

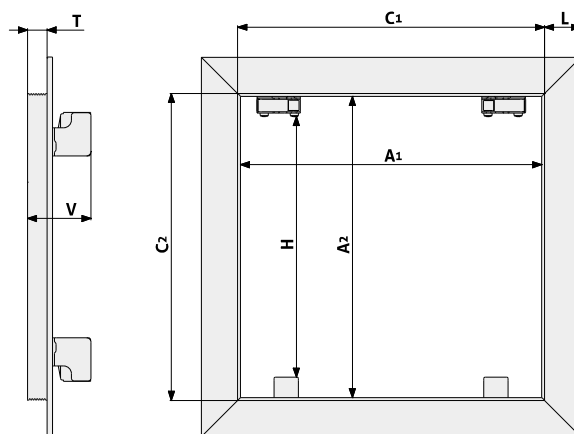
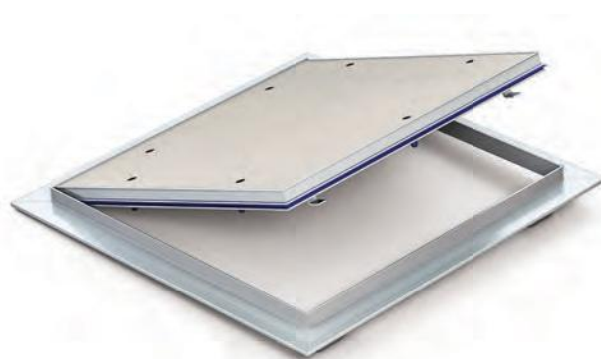
The inner frame is equipped with rubber seal which prevents air from passing through. By default, this model is produced with a white or green panel mounted into the frame with screws. Upon customer request it is possible to mount the panel using a high-strength adhesive, which enables quick and easy finishing.

The main advantages of the model:

- Reinforced pressed corners
- Removable inner frame to increase opening size
- Rubber seal tested against air permeability
- Safety chain included
- Easily replaceable door panel right after installation
- Possibility of using ceramic tiling

Comfortable opening and closing is made possible with two push-locks located in corners of the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

The doors are equipped with a safety chain, which prevents the door from falling out by accident.



Minimum size			Maximum size		
150 mm x 150 mm			800 mm x 800 mm		
Push	Dust	Air-tight	Partition	Ceiling	Tile

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A1	T	V
TMD-5230	RDLv 200x200x12.5 GKB US air-tight (R)	0,84 kg	206	206	24	176	200	13	43
TMD-5231	RDLv 200x300x12.5 GKB US air-tight (R)	1,09 kg	206	306	24	276	200	13	43
TMD-5232	RDLv 300x300x12.5 GKB US air-tight (R)	1,42 kg	306	306	24	276	300	13	43
TMD-5233	RDLv 300x400x12.5 GKB US air-tight (R)	1,76 kg	306	406	24	376	300	13	43
TMD-5234	RDLv 300x600x12.5 GKB US air-tight (R)	2,43 kg	306	606	24	576	300	13	43
TMD-5235	RDLv 400x400x12.5 GKB US air-tight (R)	2,18 kg	406	406	24	376	400	13	43
TMD-5236	RDLv 400x600x12.5 GKB US air-tight (R)	3,04 kg	406	606	24	576	400	13	43
TMD-5237	RDLv 500x500x12.5 GKB US air-tight (R)	3,13 kg	506	506	24	476	500	13	43
TMD-5238	RDLv 600x600x12.5 GKB US air-tight (R)	4,26 kg	606	606	24	576	600	13	43
TMD-5239	RDLv 700x700x12.5 GKB US air-tight (R)	5,57 kg	706	706	24	676	700	13	43



The doors meet the requirements in category 4 of the norm ČSN EN 1026 on air permeability.

Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door.

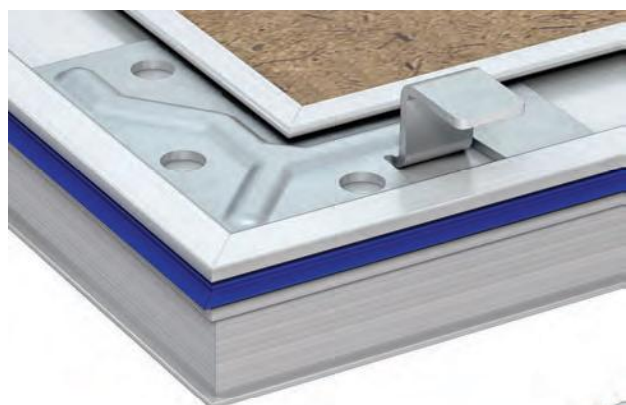
Custom options:

- Panel attached with glue instead of screws
- Different 12,5 mm thick panel (GKF, GKFi, blue acoustic, perforated...)
- Optional no panel
- Atypical dimensions
- Door with fixed hinge

The doors are packed by 2 in a cardboard box.

*Green board GKBi – impregnated for wet environment*

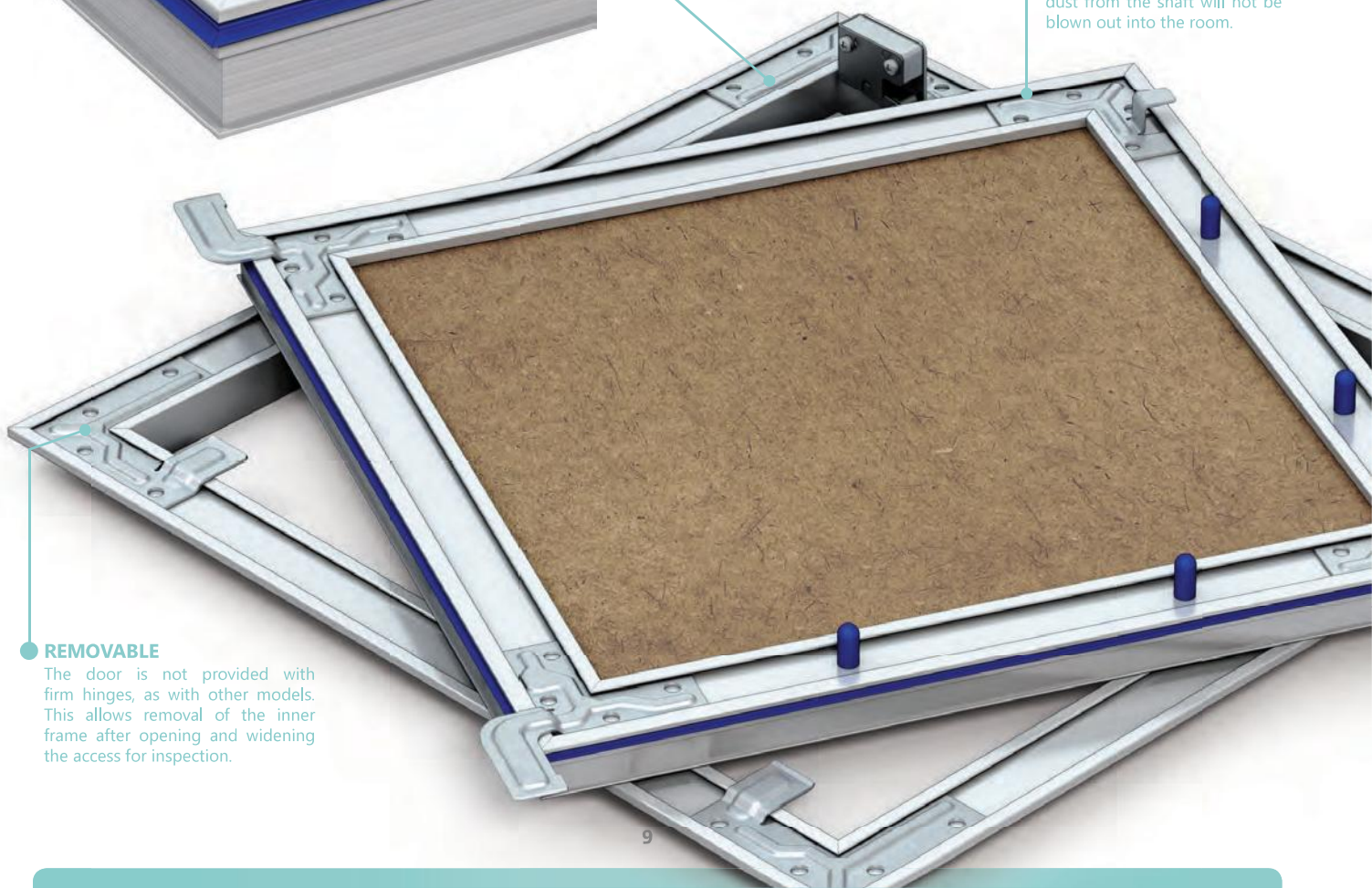
Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole		Height	
			C1	C2	L	H	A1	T	V	
TMD-5240	RDLv 200x200x12.5 GKBi US air-tight (R)	0,85 kg	206	206	24	176	200	13	43	
TMD-5241	RDLv 200x300x12.5 GKBi US air-tight (R)	1,10 kg	206	306	24	276	200	13	43	
TMD-5242	RDLv 300x300x12.5 GKBi US air-tight (R)	1,45 kg	306	306	24	276	300	13	43	
TMD-5243	RDLv 300x400x12.5 GKBi US air-tight (R)	1,79 kg	306	406	24	376	300	13	43	
TMD-5244	RDLv 300x600x12.5 GKBi US air-tight (R)	2,48 kg	306	606	24	576	300	13	43	
TMD-5245	RDLv 400x400x12.5 GKBi US air-tight (R)	2,23 kg	406	406	24	376	400	13	43	
TMD-5246	RDLv 400x600x12.5 GKBi US air-tight (R)	3,11 kg	406	606	24	576	400	13	43	
TMD-5247	RDLv 500x500x12.5 GKBi US air-tight (R)	3,20 kg	506	506	24	476	500	13	43	
TMD-5248	RDLv 600x600x12.5 GKBi US air-tight (R)	4,36 kg	606	606	24	576	600	13	43	
TMD-5249	RDLv 700x700x12.5 GKBi US air-tight (R)	5,71 kg	706	706	24	676	700	13	43	



**PRESSED**  
The outer and inner frames are joined together by metal corners that solidify the entire assembly. The corners are molded into the profile, which prevents their release.



**RUBBER SEALING**  
The seal prevents the air from penetrating through the gap between the inner and outer frames. At the same time, dust from the shaft will not be blown out into the room.



**REMOVABLE**  
The door is not provided with firm hinges, as with other models. This allows removal of the inner frame after opening and widening the access for inspection.



WELDED ALUMINUM INSPECTION DOORS

# CLASSIC CZ 12.5 mm / 15 mm

spring lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

By default, this model is produced with white, green or red panel mounted into the inner frame using a high-strength adhesive, which enables quick and easy finishing. Upon customer request it is possible to mount the panel with screws.

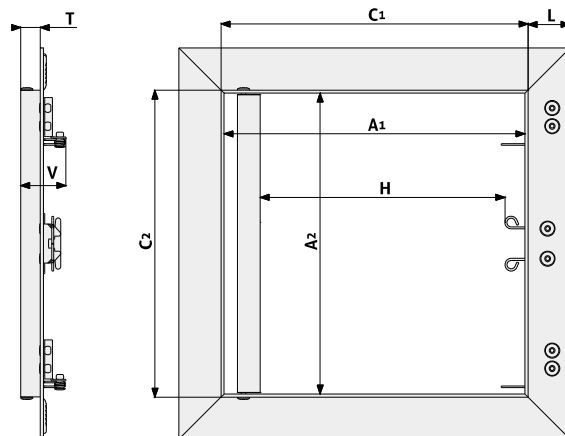
The main advantages of the model:

- Welded frames
- Economy model
- Low-profile push-lock
- Firmly attached inner frame

Opening and closing is made possible with a spring lock located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

Custom options:

- Panel attached with screws instead of glue
- Different 12,5 / 15 mm thick panel (GKF, GKFi, acoustic, cetris...)
- Optional no panel
- Optional detachable doors
- Atypical dimensions



Minimum size	Maximum size
150 mm x 150 mm	900 mm x 900 mm
Spring	Partition
Ceiling	

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-0230	RDS 200x200x12.5 GKB CZ	0,87 kg	204	204	28	163	200	13	30
TMD-0231	RDS 300x300x12.5 GKB CZ	1,51 kg	304	304	28	263	300	13	30
TMD-0232	RDS 400x400x12.5 GKB CZ	2,34 kg	404	404	28	363	400	13	30
TMD-0233	RDS 500x500x12.5 GKB CZ	3,35 kg	504	504	28	463	500	13	30
TMD-0234	RDS 600x600x12.5 GKB CZ	4,54 kg	604	604	28	563	600	13	30

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-1080	RDS 200x200x12.5 GKBi CZ	0,88 kg	204	204	28	163	200	13	30
TMD-0876	RDS 300x300x12.5 GKBi CZ	1,54 kg	304	304	28	263	300	13	30
TMD-0862	RDS 400x400x12.5 GKBi CZ	2,39 kg	404	404	28	363	400	13	30
TMD-0824	RDS 500x500x12.5 GKBi CZ	3,42 kg	504	504	28	463	500	13	30
TMD-0724	RDS 600x600x12.5 GKBi CZ	4,65 kg	604	604	28	563	600	13	30

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-0872	RDS 200x200x12.5 GKF CZ	0,93 kg	204	204	28	163	200	13	30
TMD-1081	RDS 300x300x12.5 GKF CZ	1,65 kg	304	304	28	263	300	13	30
TMD-1451	RDS 400x400x12.5 GKF CZ	2,58 kg	404	404	28	363	400	13	30
TMD-0913	RDS 500x500x12.5 GKF CZ	3,73 kg	504	504	28	463	500	13	30
TMD-0834	RDS 600x600x12.5 GKF CZ	5,09 kg	604	604	28	563	600	13	30

The doors are produced also in thickness of 15 mm.

*White board GKB for dry environment*

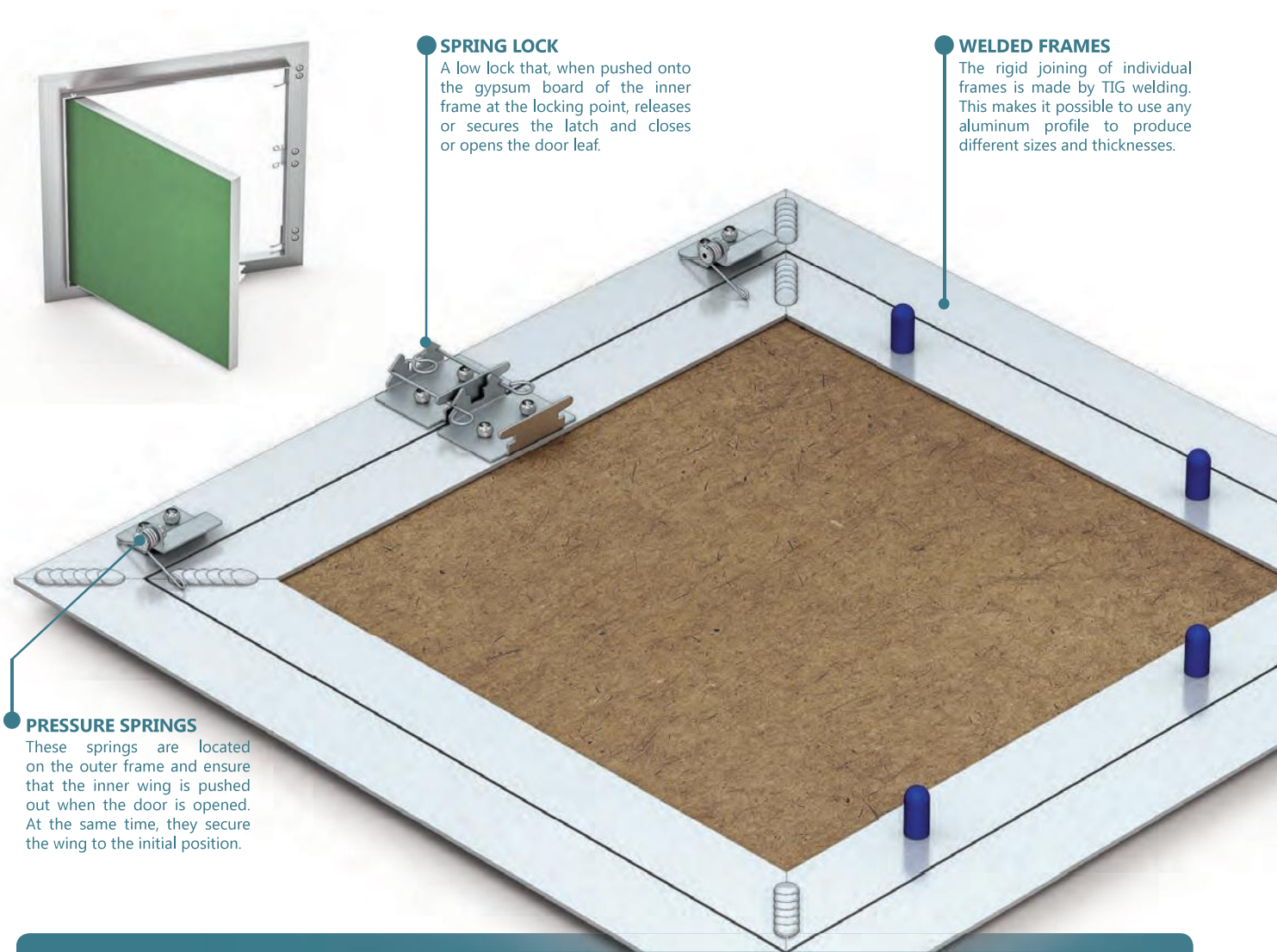
Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-0240	RDS 200x200x15 GKB CZ	0,95 kg	204	204	25	128	200	15,5	32,5
TMD-0241	RDS 300x300x15 GKB CZ	1,70 kg	304	304	25	228	300	15,5	32,5
TMD-0951	RDS 400x400x15 GKB CZ	2,68 kg	404	404	25	328	400	15,5	32,5
TMD-0243	RDS 500x500x15 GKB CZ	3,89 kg	504	504	25	428	500	15,5	32,5
TMD-0244	RDS 600x600x15 GKB CZ	5,33 kg	604	604	25	528	600	15,5	32,5

*Green board GKBi – impregnated for wet environment*

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-0837	RDS 200x200x15 GKBi CZ	1,03 kg	204	204	25	128	200	15,5	32,5
TMD-2702	RDS 300x300x15 GKBi CZ	1,87 kg	304	304	25	228	300	15,5	32,5
TMD-2700	RDS 400x400x15 GKBi CZ	2,98 kg	404	404	25	328	400	15,5	32,5
TMD-2699	RDS 500x500x15 GKBi CZ	4,35 kg	504	504	25	428	500	15,5	32,5
TMD-0931	RDS 600x600x15 GKBi CZ	5,99 kg	604	604	25	528	600	15,5	32,5

*Red board GKF – fire resistant*

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-1178	RDS 200x200x15 GKF CZ	1,05 kg	204	204	25	128	200	15,5	32,5
TMD-0915	RDS 300x300x15 GKF CZ	1,92 kg	304	304	25	228	300	15,5	32,5
TMD-1180	RDS 400x400x15 GKF CZ	3,06 kg	404	404	25	328	400	15,5	32,5
TMD-1181	RDS 500x500x15 GKF CZ	4,48 kg	504	504	25	428	500	15,5	32,5
TMD-0914	RDS 600x600x15 GKF CZ	6,17 kg	604	604	25	528	600	15,5	32,5



**SPRING LOCK**

A low lock that, when pushed onto the gypsum board of the inner frame at the locking point, releases or secures the latch and closes or opens the door leaf.

**WELDED FRAMES**

The rigid joining of individual frames is made by TIG welding. This makes it possible to use any aluminum profile to produce different sizes and thicknesses.

**PRESSURE SPRINGS**

These springs are located on the outer frame and ensure that the inner wing is pushed out when the door is opened. At the same time, they secure the wing to the initial position.

WELDED ALUMINUM INSPECTION DOORS

# CLASSIC US 12.5 mm

push lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

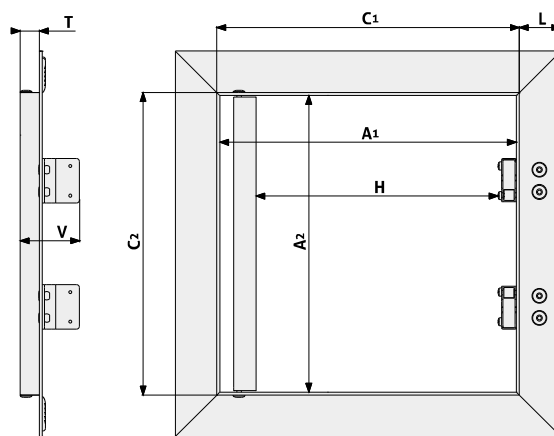
By default, this model is produced with white, green or red panel mounted into the inner frame using a high-strength adhesive, which enables quick and easy finishing. Upon customer request it is possible to mount the panel with screws.

The main advantages of the model:

- **Welded frames**
- **Easily operated push-lock**
- **Optional version for ceramic tiling**
- **Reinforced frames for dimensions above 1000 mm**
- **No limits on size (for large models see page 26)**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

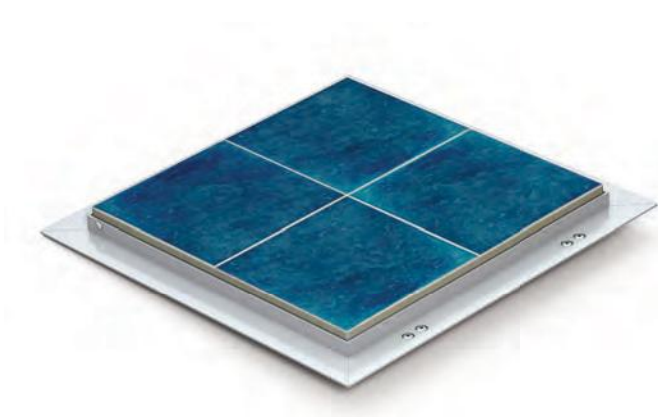
To prevent door slack, dimensions above 1000 mm are reinforced with a square tube.



Minimum size		Maximum size	
150 mm x 150 mm		Unlimited	
Push	Partition	Ceiling	Tile

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-0235	RDS 200x200x12.5 GKB US	0,94 kg	204	204	28	171	200	13	41,5
TMD-0796	RDS 200x300x12.5 GKB US	1,22 kg	204	304	28	171	300	13	41,5
TMD-0236	RDS 300x300x12.5 GKB US	1,58 kg	304	304	28	371	300	13	41,5
TMD-0936	RDS 300x400x12.5 GKB US	1,95 kg	304	404	28	371	400	13	41,5
TMD-1369	RDS 300x600x12.5 GKB US	2,68 kg	304	604	28	371	600	13	41,5
TMD-0237	RDS 400x400x12.5 GKB US	2,41 kg	404	404	28	471	400	13	41,5
TMD-0774	RDS 400x600x12.5 GKB US	3,33 kg	404	604	28	471	600	13	41,5
TMD-0238	RDS 500x500x12.5 GKB US	3,42 kg	504	504	28	571	500	13	41,5
TMD-0239	RDS 600x600x12.5 GKB US	4,61 kg	604	604	28	671	600	13	41,5
TMD-0779	RDS 700x700x12.5 GKB US	5,99 kg	704	704	28	771	700	13	41,5



Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door (*More info on page 76*).

Custom options:

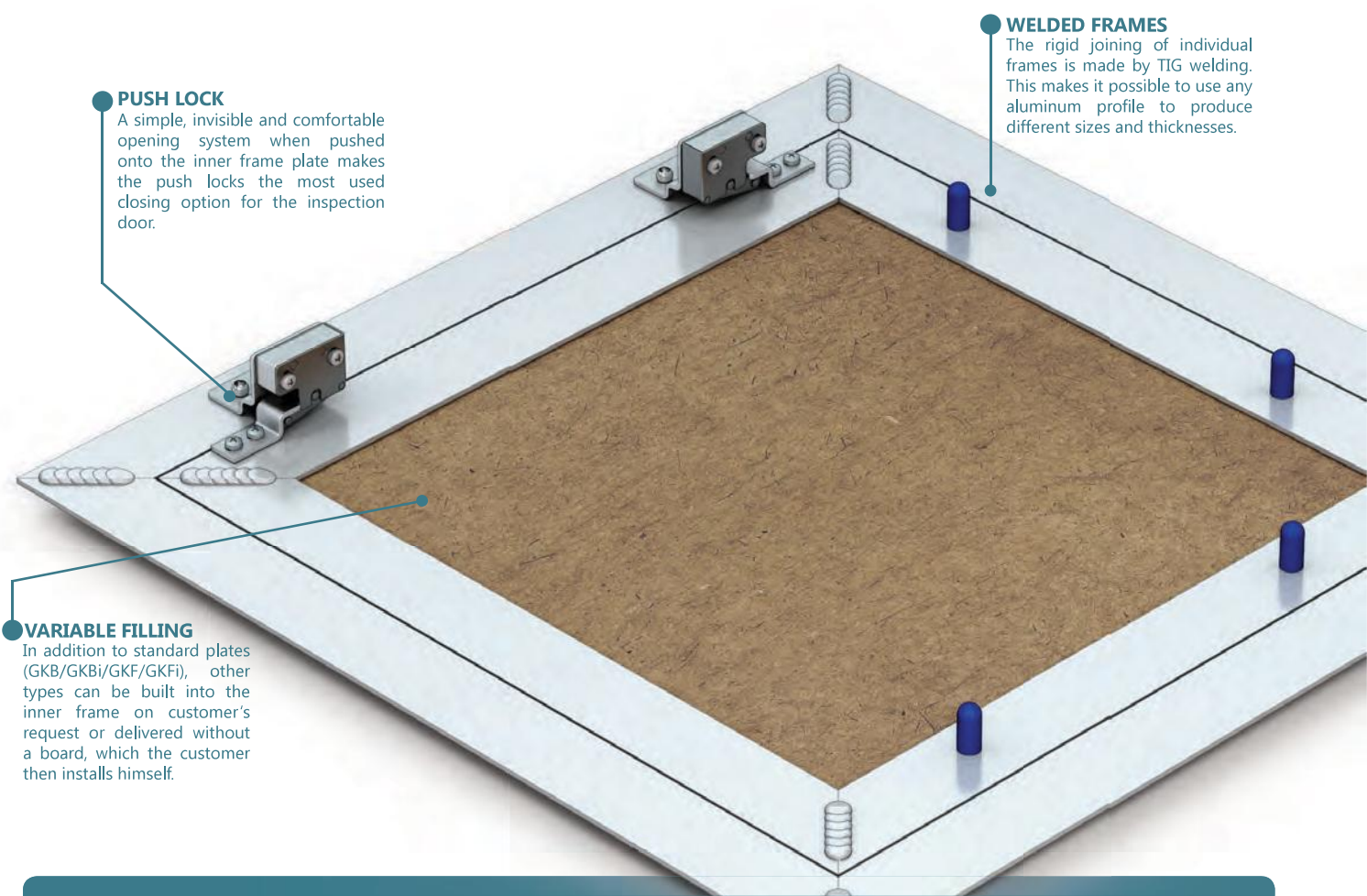
- Panel attached with screws instead of glue
- Different 12,5 mm thick panel (GKFi, acoustic, perforated...)
- Optional no panel (see page 42)
- Optional detachable doors
- Safety chain
- Atypical dimensions

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole		Height	
			C1	C2	L	H	A2	T	V	
TMD-0894	RDS 200x200x12.5 GKBi US	0,95 kg	204	204	28	171	200	13	41,5	
TMD-1830	RDS 200x300x12.5 GKBi US	1,24 kg	204	304	28	171	300	13	41,5	
TMD-0787	RDS 300x300x12.5 GKBi US	1,61 kg	304	304	28	371	300	13	41,5	
TMD-1613	RDS 300x400x12.5 GKBi US	1,99 kg	304	404	28	371	400	13	41,5	
TMD-2066	RDS 300x600x12.5 GKBi US	2,74 kg	304	604	28	371	600	13	41,5	
TMD-0916	RDS 400x400x12.5 GKBi US	2,46 kg	404	404	28	471	400	13	41,5	
TMD-1422	RDS 400x600x12.5 GKBi US	3,4 kg	404	604	28	471	600	13	41,5	
TMD-2614	RDS 500x500x12.5 GKBi US	3,49 kg	504	504	28	571	500	13	41,5	
TMD-0895	RDS 600x600x12.5 GKBi US	4,72 kg	604	604	28	671	600	13	41,5	
TMD-0893	RDS 700x700x12.5 GKBi US	6,14 kg	704	704	28	771	700	13	41,5	

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole		Height	
			C1	C2	L	H	A2	T	V	
TMD-1060	RDS 200x200x12.5 GKF US	1,00 kg	204	204	28	171	200	13	41,5	
TMD-1059	RDS 300x300x12.5 GKF US	1,72 kg	304	304	28	371	300	13	41,5	
TMD-1352	RDS 400x400x12.5 GKF US	2,65 kg	404	404	28	471	400	13	41,5	
TMD-1608	RDS 500x500x12.5 GKF US	3,80 kg	504	504	28	571	500	13	41,5	
TMD-1499	RDS 600x600x12.5 GKF US	5,16 kg	604	604	28	671	600	13	41,5	



**PUSH LOCK**

A simple, invisible and comfortable opening system when pushed onto the inner frame plate makes the push locks the most used closing option for the inspection door.

**WELDED FRAMES**

The rigid joining of individual frames is made by TIG welding. This makes it possible to use any aluminum profile to produce different sizes and thicknesses.

**VARIABLE FILLING**

In addition to standard plates (GKB/GKBi/GKF/GKFi), other types can be built into the inner frame on customer's request or delivered without a board, which the customer then installs himself.

WELDED ALUMINUM INSPECTION DOORS

# CLASSIC US 15 mm

push lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

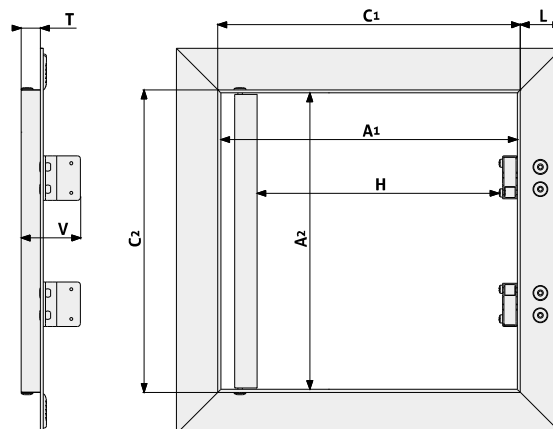
By default, this model is produced with white or green panel mounted into the inner frame using screws.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Optional version for ceramic tiling
- Firmly attached inner frame

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

Atypical dimensions and other custom options same as the 12,5 mm version (see page 15).



Minimum size	Maximum size
150 mm x 150 mm	1000 mm x 1000 mm
Push	Partition
Ceiling	Tile

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole	Height	
			C1	C2	L	H	A2	T	V
TMD-0949	RDS 200x200x15 GKB US	1,03 kg	204	204	25	156	200	15,5	44
TMD-1496	RDS 200x300x15 GKB US	1,34 kg	204	304	25	156	300	15,5	44
TMD-0950	RDS 300x300x15 GKB US	1,78 kg	304	304	25	256	300	15,5	44
TMD-1858	RDS 300x400x15 GKB US	2,21 kg	304	404	25	256	400	15,5	44
TMD-2126	RDS 300x600x15 GKB US	3,07 kg	304	604	25	256	600	15,5	44
TMD-3859	RDS 400x400x15 GKB US	2,76 kg	404	404	25	356	400	15,5	44
TMD-0966	RDS 400x600x15 GKB US	3,85 kg	404	604	25	356	600	15,5	44
TMD-0952	RDS 500x500x15 GKB US	3,96 kg	504	504	25	456	500	15,5	44
TMD-1364	RDS 600x600x15 GKB US	5,40 kg	604	604	25	556	600	15,5	44

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole	Height	
			C1	C2	L	H	A2	T	V
TMD-1734	RDS 200x200x15 GKBi US	1,10 kg	204	204	25	156	200	15,5	44
TMD-1674	RDS 300x300x15 GKBi US	1,94 kg	304	304	25	256	300	15,5	44
TMD-2487	RDS 400x400x15 GKBi US	3,05 kg	404	404	25	356	400	15,5	44
TMD-2600	RDS 500x500x15 GKBi US	4,42 kg	504	504	25	456	500	15,5	44
TMD-0901	RDS 600x600x15 GKBi US	6,06 kg	604	604	25	556	600	15,5	44

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size				Pure manhole	Height	
			C1	C2	L	H	A2	T	V
TMD-0972	RDS 200x200x15 GKF US	1,12 kg	204	204	25	156	200	15,5	44
TMD-1068	RDS 300x300x15 GKF US	1,99 kg	304	304	25	256	300	15,5	44
TMD-0242	RDS 400x400x15 GKF US	3,13 kg	404	404	25	356	400	15,5	44
TMD-0899	RDS 500x500x15 GKF US	4,55 kg	504	504	25	456	500	15,5	44
TMD-0900	RDS 600x600x15 GKF US	6,24 kg	604	604	25	556	600	15,5	44

WELDED ALUMINUM INSPECTION DOORS

# CLASSIC US 25 mm

push lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

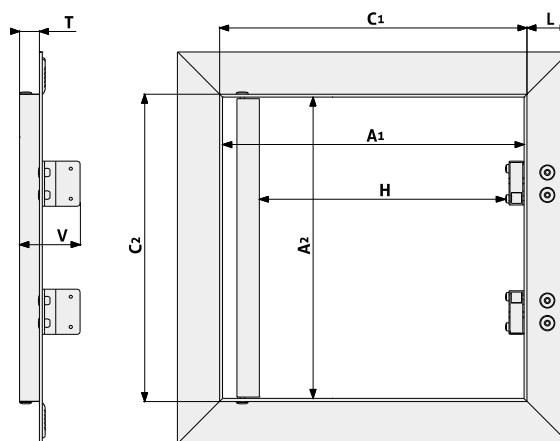
By default, this model is manufactured in thickness 25 mm (2x12,5 mm) with white or green panel mounted into the inner frame with screws.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Optional version for ceramic tiling
- Version for 2x 12,5 mm system
- Firmly attached inner frame

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

Atypical dimensions and other custom options same as the 12,5 mm version (see page 15).



Minimum size	Maximum size
150 mm x 150 mm	1000 mm x 1000 mm
Push	Partition
	Ceiling
	Tile

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-1606	RDS 200x200x25 GKB US	1,40 kg	204	204	25,5	146	200	25,5	54
TMD-0838	RDS 300x300x25 GKB US	2,54 kg	304	304	25,5	246	300	25,5	54
TMD-1214	RDS 400x400x25 GKB US	4,05 kg	404	404	25,5	346	400	25,5	54
TMD-1323	RDS 500x500x25 GKB US	5,93 kg	504	504	25,5	446	500	25,5	54
TMD-1343	RDS 600x600x25 GKB US	8,18 kg	604	604	25,5	546	600	25,5	54

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-1607	RDS 200x200x25 GKBi US	1,42 kg	204	204	25,5	146	200	25,5	54
TMD-2322	RDS 300x300x25 GKBi US	2,60 kg	304	304	25,5	246	300	25,5	54
TMD-1345	RDS 400x400x25 GKBi US	4,15 kg	404	404	25,5	346	400	25,5	54
TMD-1605	RDS 500x500x25 GKBi US	6,09 kg	504	504	25,5	446	500	25,5	54
TMD-1819	RDS 600x600x25 GKBi US	8,40 kg	604	604	25,5	546	600	25,5	54



WELDED ALUMINUM INSPECTION DOORS

# CLASSIC KL 12.5 mm

square key lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening the doors when needed.

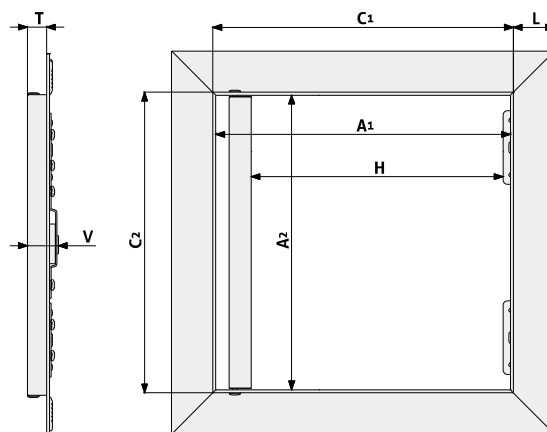
By default, this model is produced with white, green or red panel mounted into the inner frame using a high-strength adhesive, which enables quick and easy finishing. Upon customer request it is possible to mount the panel with screws.




The main advantages of the model:

- Welded frames
- Low-profile lock
- Secured lock
- Firmly attached inner frame
- No limits on size (for large models see page 26)

Opening and closing is enabled by rotating a plastic four-sided key inside the slot in the inner frame, which then opens the lock. The key is included.

Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. Systems with higher fire safety requirements use the red panel.



Minimum size	Maximum size	
150 mm x 150 mm	Unlimited	
 Square	 Partition	 Ceiling

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-2914	RDS 200x200x12.5 GKB KL	0,81 kg	204	204	28	184	200	13	21
TMD-3203	RDS 200x300x12.5 GKB KL	1,09 kg	204	304	28	184	300	13	21
TMD-0879	RDS 300x300x12.5 GKB KL	1,46 kg	304	304	28	284	300	13	21
TMD-1275	RDS 300x400x12.5 GKB KL	1,82 kg	304	404	28	284	400	13	21
TMD-1694	RDS 300x600x12.5 GKB KL	2,55 kg	304	604	28	284	600	13	21
TMD-1799	RDS 400x400x12.5 GKB KL	2,28 kg	404	404	28	384	400	13	21
TMD-1810	RDS 400x600x12.5 GKB KL	3,20 kg	404	604	28	384	600	13	21
TMD-2780	RDS 500x500x12.5 GKB KL	3,29 kg	504	504	28	484	500	13	21
TMD-1093	RDS 600x600x12.5 GKB KL	4,48 kg	604	604	28	584	600	13	21
TMD-5157	RDS 700x700x12.5 GKB KL	5,86 kg	704	704	28	684	700	13	21



Custom options:

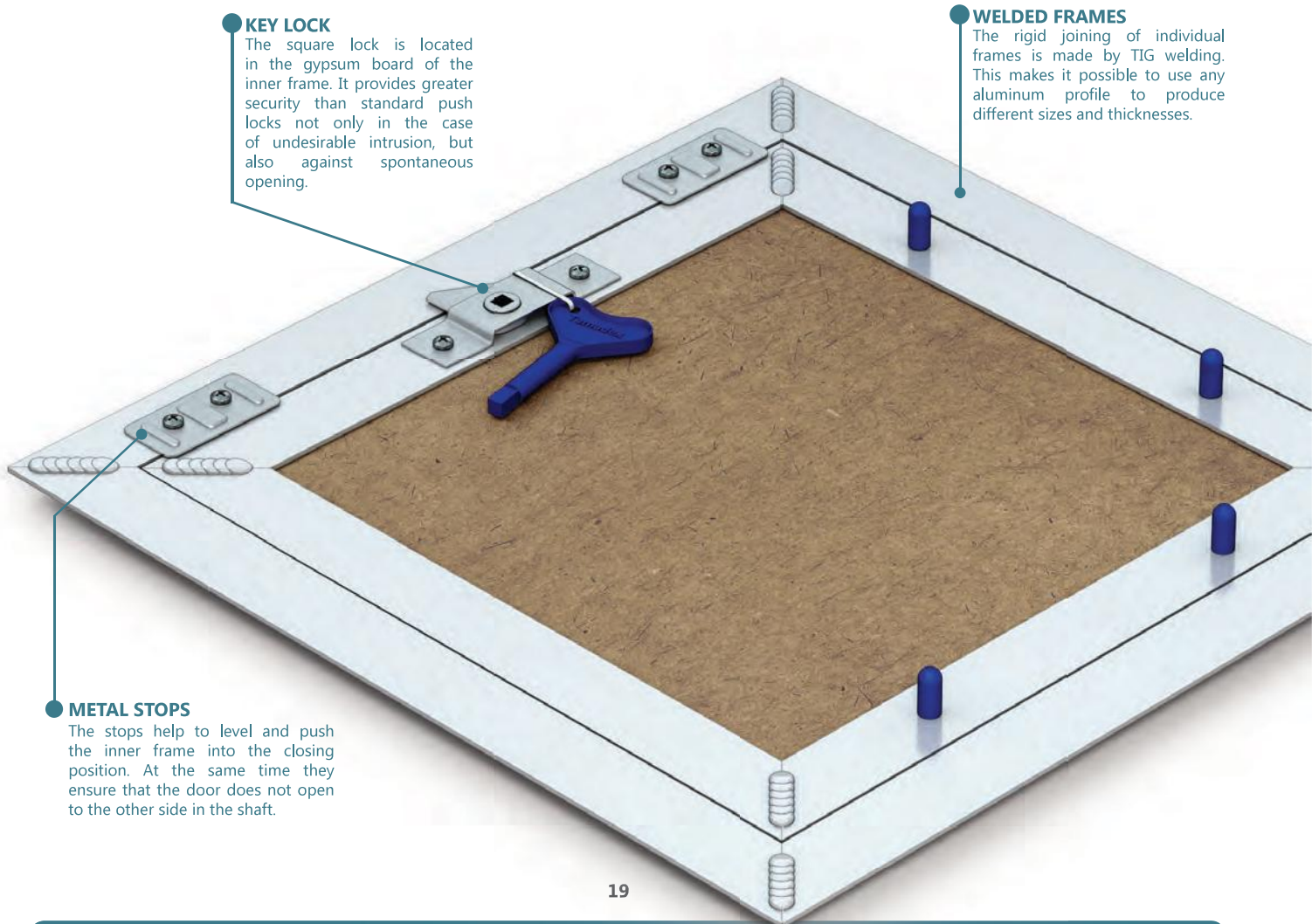
- Panel attached with screws instead of glue
- Different 12,5 mm thick panel (GKFi, acoustic, perforated...)
- Optional detachable doors
- Safety chain
- Atypical dimensions
- Optional no panel

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-3201	RDS 200x200x12.5 GKBi KL	0,83 kg	204	204	28	184	200	13	21
TMD-5153	RDS 200x300x12.5 GKBi KL	1,11 kg	204	304	28	184	300	13	21
TMD-3176	RDS 300x300x12.5 GKBi KL	1,48 kg	304	304	28	284	300	13	21
TMD-5154	RDS 300x400x12.5 GKBi KL	1,86 kg	304	404	28	284	400	13	21
TMD-5155	RDS 300x600x12.5 GKBi KL	2,61 kg	304	604	28	284	600	13	21
TMD-2552	RDS 400x400x12.5 GKBi KL	2,33 kg	404	404	28	384	400	13	21
TMD-3314	RDS 400x600x12.5 GKBi KL	3,27 kg	404	604	28	384	600	13	21
TMD-2973	RDS 500x500x12.5 GKBi KL	3,37 kg	504	504	28	484	500	13	21
TMD-5156	RDS 600x600x12.5 GKBi KL	4,59 kg	604	604	28	584	600	13	21
TMD-2352	RDS 700x700x12.5 GKBi KL	6,01 kg	704	704	28	684	700	13	21

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-2983	RDS 200x200x12.5 GKF KL	0,87 kg	204	204	28	184	200	13	21
TMD-2984	RDS 300x300x12.5 GKF KL	1,59 kg	304	304	28	284	300	13	21
TMD-2055	RDS 400x400x12.5 GKF KL	2,52 kg	404	404	28	384	400	13	21
TMD-1874	RDS 500x500x12.5 GKF KL	3,67 kg	504	504	28	484	500	13	21
TMD-1371	RDS 600x600x12.5 GKF KL	5,03 kg	604	604	28	584	600	13	21



**KEY LOCK**

The square lock is located in the gypsum board of the inner frame. It provides greater security than standard push locks not only in the case of undesirable intrusion, but also against spontaneous opening.

**WELDED FRAMES**

The rigid joining of individual frames is made by TIG welding. This makes it possible to use any aluminum profile to produce different sizes and thicknesses.

**METAL STOPS**

The stops help to level and push the inner frame into the closing position. At the same time they ensure that the door does not open to the other side in the shaft.



WELDED ALUMINUM INSPECTION DOORS

# CLASSIC KL 15 mm

square key lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

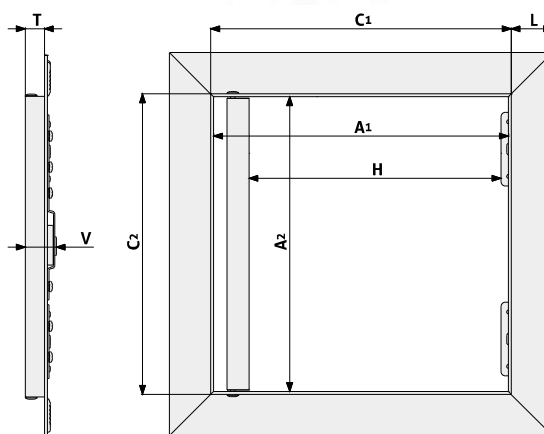
White, green or red panel is mounted in the inner frame with screws. Upon customer request it is possible to mount the panel using a high-strength adhesive, which enables quick and easy finishing.

The main advantages of the model:

- Welded frames
- Low-profile lock
- Secured lock
- Firmly attached inner frame

Opening and closing is enabled by rotating a plastic four-sided key inside the slot in the inner frame, which then opens the lock. The key is included.

Atypical dimensions and other custom options same as the 12,5 mm version (see page 19).



Minimum size	Maximum size
150 mm x 150 mm	1000 mm x 1000 mm
Square	Partition
Ceiling	

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-5158	RDS 200x200x15 GKB KL	0,90 kg	204	204	25	169	200	15,5	23,5
TMD-5159	RDS 200x300x15 GKB KL	1,22 kg	204	304	25	169	300	15,5	23,5
TMD-2781	RDS 300x300x15 GKB KL	1,65 kg	304	304	25	269	300	15,5	23,5
TMD-5160	RDS 300x400x15 GKB KL	2,08 kg	304	404	25	269	400	15,5	23,5
TMD-5161	RDS 300x600x15 GKB KL	2,95 kg	304	604	25	269	600	15,5	23,5
TMD-5162	RDS 400x400x15 GKB KL	2,63 kg	404	404	25	369	400	15,5	23,5
TMD-5163	RDS 400x600x15 GKB KL	3,72 kg	404	604	25	369	600	15,5	23,5
TMD-3980	RDS 500x500x15 GKB KL	3,84 kg	504	504	25	469	500	15,5	23,5
TMD-5164	RDS 600x600x15 GKB KL	5,27 kg	604	604	25	569	600	15,5	23,5

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-5166	RDS 200x200x15 GKBi KL	0,97 kg	204	204	25	169	200	15,5	23,5
TMD-5167	RDS 300x300x15 GKBi KL	1,81 kg	304	304	25	269	300	15,5	23,5
TMD-3991	RDS 400x400x15 GKBi KL	2,92 kg	404	404	25	369	400	15,5	23,5
TMD-5168	RDS 500x500x15 GKBi KL	4,29 kg	504	504	25	469	500	15,5	23,5
TMD-5169	RDS 600x600x15 GKBi KL	5,93 kg	604	604	25	569	600	15,5	23,5

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-5170	RDS 200x200x15 GKF KL	0,99 kg	204	204	25	169	200	15,5	23,5
TMD-2041	RDS 300x300x15 GKF KL	1,86 kg	304	304	25	269	300	15,5	23,5
TMD-2042	RDS 400x400x15 GKF KL	3,00 kg	404	404	25	369	400	15,5	23,5
TMD-1176	RDS 500x500x15 GKF KL	4,42 kg	504	504	25	469	500	15,5	23,5
TMD-1193	RDS 600x600x15 GKF KL	6,12 kg	604	604	25	569	600	15,5	23,5

WELDED ALUMINUM INSPECTION DOORS

# CLASSIC KL 25 mm

square key lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

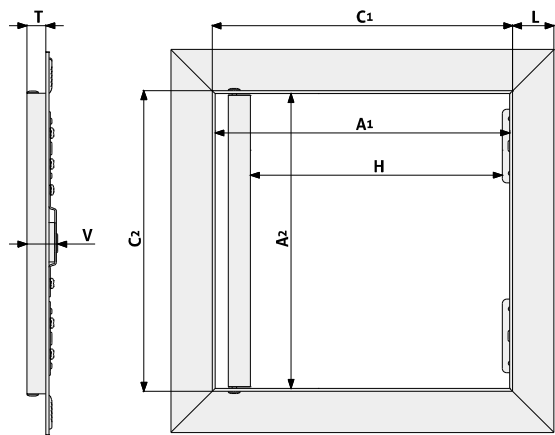
By default, this model is manufactured in thickness 25 mm (2x12,5 mm) with white or green panel mounted into the inner frame with screws.

The main advantages of the model:

- **Welded frames**
- **Low-profile lock**
- **Secured lock**
- **Version for 2x12,5 mm system**
- **Firmly attached inner frame**

Opening and closing is enabled by rotating a plastic four-sided key inside the slot in the inner frame, which then opens the lock. The key is included.

Atypical dimensions and other custom options same as the 12,5 mm version (see page 19).



Minimum size	Maximum size
150 mm x 150 mm	1000 mm x 1000 mm
Square	Partition
Ceiling	

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-5171	RDS 200x200x25 GKB KL	1,27 kg	204	204	25,5	156	200	25,5	33,5
TMD-3195	RDS 300x300x25 GKB KL	2,41 kg	304	304	25,5	256	300	25,5	33,5
TMD-5172	RDS 400x400x25 GKB KL	3,93 kg	404	404	25,5	356	400	25,5	33,5
TMD-5173	RDS 500x500x25 GKB KL	5,80 kg	504	504	25,5	456	500	25,5	33,5
TMD-3344	RDS 600x600x25 GKB KL	8,05 kg	604	604	25,5	556	600	25,5	33,5

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-5174	RDS 200x200x25 GKBi KL	1,29 kg	204	204	25,5	156	200	25,5	33,5
TMD-5175	RDS 300x300x25 GKBi KL	2,47 kg	304	304	25,5	256	300	25,5	33,5
TMD-5176	RDS 400x400x25 GKBi KL	4,02 kg	404	404	25,5	356	400	25,5	33,5
TMD-5177	RDS 500x500x25 GKBi KL	5,96 kg	504	504	25,5	456	500	25,5	33,5
TMD-5178	RDS 600x600x25 GKBi KL	8,27 kg	604	604	25,5	556	600	25,5	33,5



WELDED ALUMINUM INSPECTION DOORS

# CLASSIC FAB 12.5 mm

safety key lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

By default, this model is produced with white, green or red panel mounted into the inner frame using a high-strength adhesive, which enables quick and easy finishing. Upon customer request it is possible to mount the panel with screws.

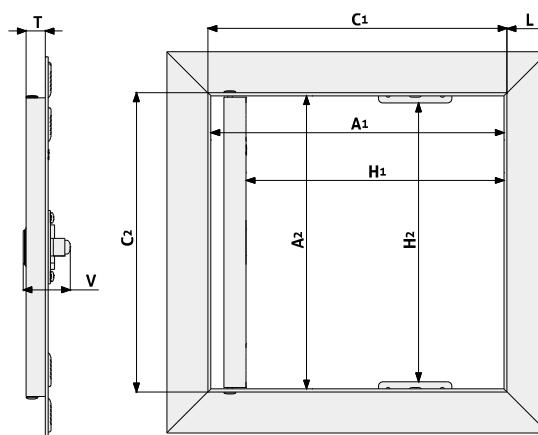
The main advantages of the model:




- Welded frames
- Security lock
- Firmly attached inner frame

Opening and closing is enabled by rotating acylindrical key inside the slot in the inner frame, which then opens the lock.

The package includes two keys. Every FAB lock is unique to achieve high security. Upon customer request it is possible to produce more doors to be opened with the same key.

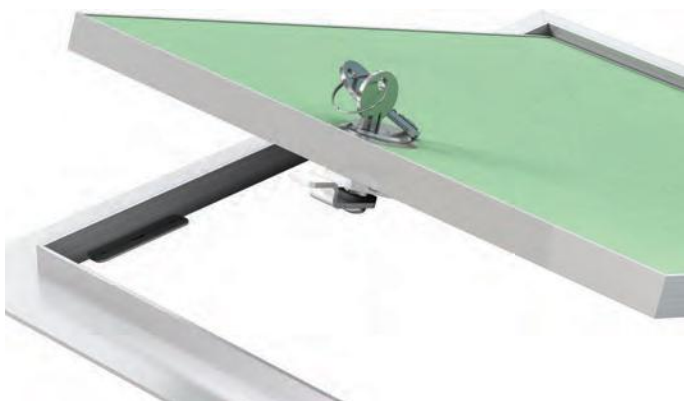
These doors are used for places, where restricted access is required, e.g. power grid control stations.



Minimum size	Maximum size
150 mm x 150 mm	1000 mm x 1000 mm
 FAB	 Partition
	 Ceiling

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-3856	RDS 200x200x12.5 GKB FAB	0,83 kg	204	204	28	184	190	13	32
TMD-1909	RDS 200x300x12.5 GKB FAB	1,11 kg	204	304	28	184	290	13	32
TMD-1675	RDS 300x300x12.5 GKB FAB	1,47 kg	304	304	28	284	290	13	32
TMD-1601	RDS 300x400x12.5 GKB FAB	1,84 kg	304	404	28	284	390	13	32
TMD-2310	RDS 300x600x12.5 GKB FAB	2,57 kg	304	604	28	284	590	13	32
TMD-3857	RDS 400x400x12.5 GKB FAB	2,30 kg	404	404	28	384	390	13	32
TMD-2880	RDS 400x600x12.5 GKB FAB	3,22 kg	404	604	28	384	590	13	32
TMD-3858	RDS 500x500x12.5 GKB FAB	3,31 kg	504	504	28	484	490	13	32
TMD-1410	RDS 600x600x12.5 GKB FAB	4,50 kg	604	604	28	584	590	13	32
TMD-1859	RDS 700x700x12.5 GKB FAB	5,88 kg	704	704	28	684	690	13	32



Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. Systems with higher fire safety requirements use the red panel.

Custom options:

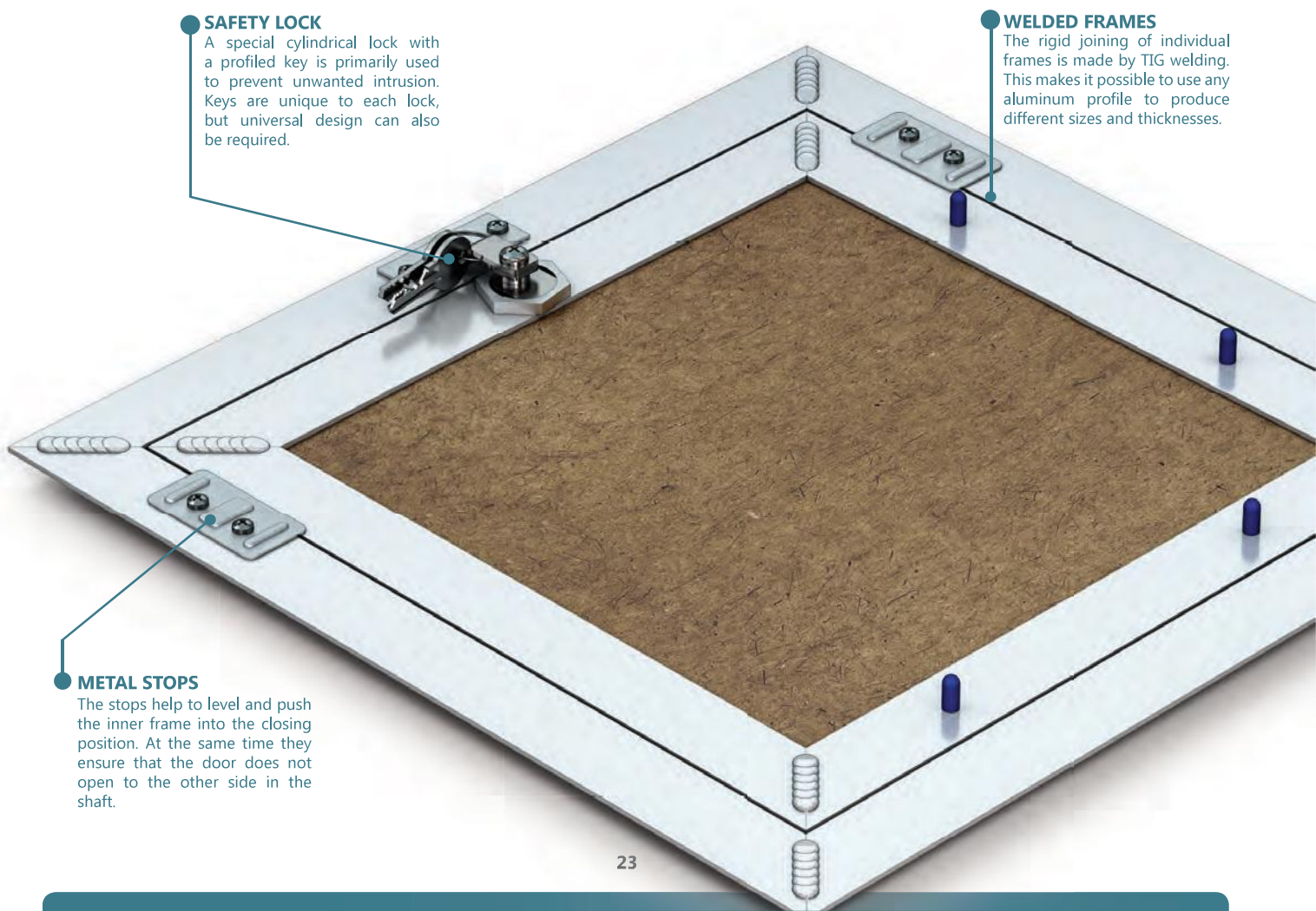
- Panel attached with screws instead of glue
- Different 12,5 mm thick panel (GKFi, acoustic, perforated...)
- Optional detachable doors
- Safety chain
- Atypical dimensions

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-1376	RDS 200x200x12.5 GKBi FAB	0,84 kg	204	204	28	184	190	13	32
TMD-2253	RDS 200x300x12.5 GKBi FAB	1,13 kg	204	304	28	184	290	13	32
TMD-4752	RDS 300x300x12.5 GKBi FAB	1,50 kg	304	304	28	284	290	13	32
TMD-2711	RDS 300x400x12.5 GKBi FAB	1,88 kg	304	404	28	284	390	13	32
TMD-1050	RDS 300x600x12.5 GKBi FAB	2,63 kg	304	604	28	284	590	13	32
TMD-4706	RDS 400x400x12.5 GKBi FAB	2,35 kg	404	404	28	384	390	13	32
TMD-4279	RDS 400x600x12.5 GKBi FAB	3,29 kg	404	604	28	384	590	13	32
TMD-0877	RDS 500x500x12.5 GKBi FAB	3,38 kg	504	504	28	484	490	13	32
TMD-4705	RDS 600x600x12.5 GKBi FAB	4,61 kg	604	604	28	584	590	13	32
TMD-3545	RDS 700x700x12.5 GKBi FAB	6,03 kg	704	704	28	684	690	13	32

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-2224	RDS 200x200x12.5 GKF FAB	1,00 kg	204	204	28	184	190	13	32
TMD-2550	RDS 300x300x12.5 GKF FAB	1,84 kg	304	304	28	284	290	13	32
TMD-1402	RDS 400x400x12.5 GKF FAB	2,95 kg	404	404	28	384	390	13	32
TMD-2392	RDS 500x500x12.5 GKF FAB	4,33 kg	504	504	28	484	490	13	32
TMD-2709	RDS 600x600x12.5 GKF FAB	5,97 kg	604	604	28	584	590	13	32



**SAFETY LOCK**

A special cylindrical lock with a profiled key is primarily used to prevent unwanted intrusion. Keys are unique to each lock, but universal design can also be required.

**WELDED FRAMES**

The rigid joining of individual frames is made by TIG welding. This makes it possible to use any aluminum profile to produce different sizes and thicknesses.

**METAL STOPS**

The stops help to level and push the inner frame into the closing position. At the same time they ensure that the door does not open to the other side in the shaft.

WELDED ALUMINUM INSPECTION DOORS

# CLASSIC FAB 15 mm

safety key lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

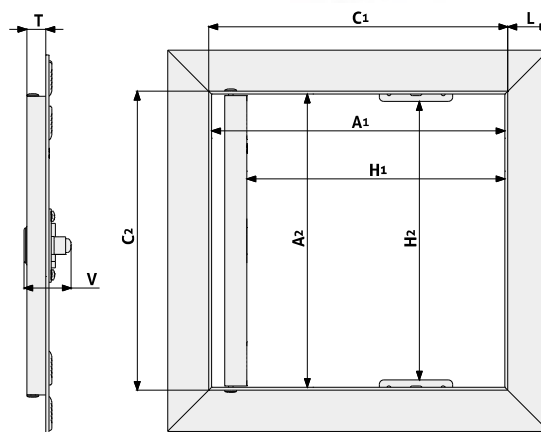
White, green or red panel is mounted in the inner frame with screws. Upon customer request it is possible to mount the panel using a high-strength adhesive, which enables quick and easy finishing.

The main advantages of the model:

- Welded frames
- Security lock
- Firmly attached inner frame

Opening and closing is enabled by rotating acylindrical key inside the slot in the inner frame, which then opens the lock. Two keys are included.

Atypical dimensions and other custom options same as the 12,5 mm version (see page 23).



Minimum size		Maximum size	
150 mm x 150 mm		1000 mm x 1000 mm	
FAB	Partition	Ceiling	

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-1877	RDS 200x200x15 GKB FAB	0,92 kg	204	204	25	169	190	15,5	32
TMD-2231	RDS 200x300x15 GKB FAB	1,23 kg	204	304	25	169	290	15,5	32
TMD-1785	RDS 300x300x15 GKB FAB	1,67 kg	304	304	25	269	290	15,5	32
TMD-2281	RDS 300x400x15 GKB FAB	2,10 kg	304	404	25	269	390	15,5	32
TMD-1949	RDS 300x600x15 GKB FAB	2,96 kg	304	604	25	269	590	15,5	32
TMD-2685	RDS 400x400x15 GKB FAB	2,65 kg	404	404	25	369	390	15,5	32
TMD-1205	RDS 400x600x15 GKB FAB	3,74 kg	404	604	25	369	590	15,5	32
TMD-2185	RDS 500x500x15 GKB FAB	3,85 kg	504	504	25	469	490	15,5	32
TMD-0866	RDS 600x600x15 GKB FAB	5,29 kg	604	604	25	569	590	15,5	32

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-2970	RDS 200x200x15 GKBi FAB	0,99 kg	204	204	25	169	190	15,5	32
TMD-2361	RDS 300x300x15 GKBi FAB	1,83 kg	304	304	25	269	290	15,5	32
TMD-2698	RDS 400x400x15 GKBi FAB	2,94 kg	404	404	25	369	390	15,5	32
TMD-2015	RDS 500x500x15 GKBi FAB	4,31 kg	504	504	25	469	490	15,5	32
TMD-1415	RDS 600x600x15 GKBi FAB	5,95 kg	604	604	25	569	590	15,5	32

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-2061	RDS 200x200x15 GKF FAB	1,01 kg	204	204	25	169	190	15,5	32
TMD-3048	RDS 300x300x15 GKF FAB	1,88 kg	304	304	25	269	290	15,5	32
TMD-2273	RDS 400x400x15 GKF FAB	3,02 kg	404	404	25	369	390	15,5	32
TMD-3049	RDS 500x500x15 GKF FAB	4,44 kg	504	504	25	469	490	15,5	32
TMD-2423	RDS 600x600x15 GKF FAB	6,13 kg	604	604	25	569	590	15,5	32

WELDED ALUMINUM INSPECTION DOORS

# CLASSIC FAB 25 mm

safety key lock, fixed hinges

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

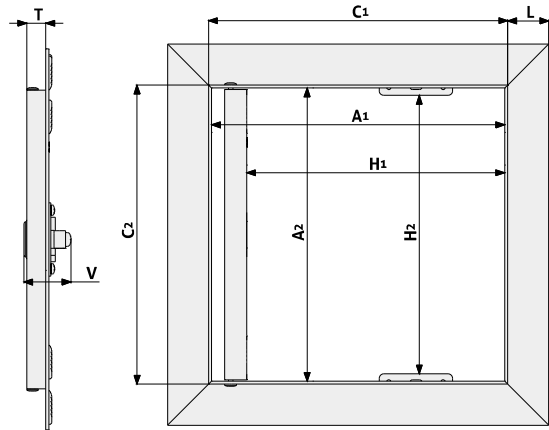
By default, this model is manufactured in thickness 25 mm (2x12,5 mm) with white or green panel mounted into the inner frame with screws.



The main advantages of the model:

- **Welded frames**
- **Security lock**
- **Version for 2x12,5 mm system**
- **Firmly attached inner frame**

Opening and closing is enabled by rotating acylindrical key inside the slot in the inner frame, which then opens the lock. Two keys are included.

Atypical dimensions and other custom options same as the 12,5 mm version (see page 23).



Minimum size	Maximum size	
150 mm x 150 mm	1000 mm x 1000 mm	
 FAB	 Partition	 Ceiling

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-2523	RDS 200x200x25 GKB FAB	1,29 kg	204	204	25,5	156	190	25,5	32
TMD-1439	RDS 300x300x25 GKB FAB	2,43 kg	304	304	25,5	256	290	25,5	32
TMD-4625	RDS 400x400x25 GKB FAB	3,94 kg	404	404	25,5	356	390	25,5	32
TMD-2819	RDS 500x500x25 GKB FAB	5,82 kg	504	504	25,5	456	490	25,5	32
TMD-2676	RDS 600x600x25 GKB FAB	8,07 kg	604	604	25,5	556	590	25,5	32

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-1190	RDS 200x200x25 GKBi FAB	1,31 kg	204	204	25,5	156	190	25,5	32
TMD-3977	RDS 300x300x25 GKBi FAB	2,49 kg	304	304	25,5	256	290	25,5	32
TMD-2075	RDS 400x400x25 GKBi FAB	4,04 kg	404	404	25,5	356	390	25,5	32
TMD-1377	RDS 500x500x25 GKBi FAB	5,98 kg	504	504	25,5	456	490	25,5	32
TMD-3971	RDS 600x600x25 GKBi FAB	8,29 kg	604	604	25,5	556	590	25,5	32



WELDED ALUMINUM INSPECTION DOORS

# DOUBLE-WINGED 12.5 mm

push lock, fixed hinges, two wings

The doors are manufactured from aluminium profiles welded together to form the frames. The double door model is made from one outer frame and two inner frames. The complete set is connected with fixed hinges to allow opening of the doors when needed.

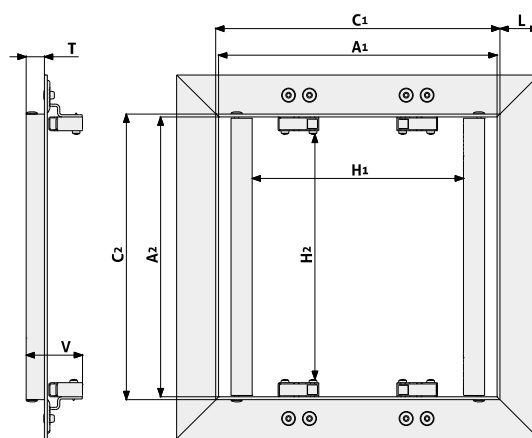
By default, this model is manufactured in thickness 12,5 mm with white or green panel mounted into the inner frame with screws.

The main advantages of the model:

- Welded frames
- Double door
- Easily operated push-lock
- Reinforced frames for edges over 1000 mm
- No limits on size
- Firmly attached inner frame

Comfortable opening and closing is made possible with at least four push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

This model is primarily used for very large doors, where single door is too heavy for the hinges. This configuration also makes the manipulation easier.

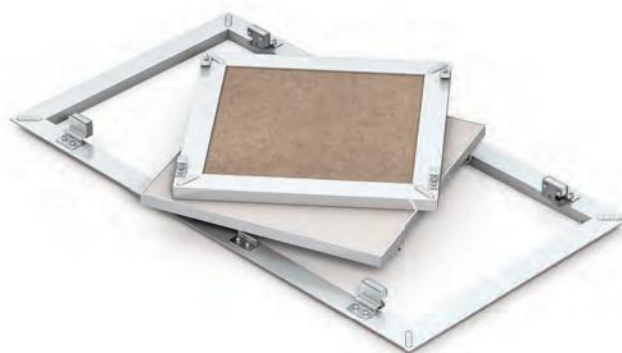


Minimum size		Maximum size	
300 mm x 300 mm		Unlimited	
Push	Partition	Ceiling	Tile

White board GKB for dry environment

Installation size | Pure manhole | Height

Order no.	Article name (A1 x A2)	Weight	C1	C2	L	H1	H2	T	V
TMD-1889	RDSd 500x1000x12.5 GKB US double-winged	6,60 kg	504	1004	28	468	974	13	41,5
TMD-2390	RDSd 600x1200x12.5 GKB US double-winged	9,00 kg	604	1204	28	568	1174	13	41,5
TMD-1864	RDSd 800x1200x12.5 GKB US double-winged	11,46 kg	804	1204	28	768	1174	13	41,5
TMD-4454	RDSd 800x1400x12.5 GKB US double-winged	13,18 kg	804	1404	28	768	1374	13	41,5
TMD-3733	RDSd 800x1600x12.5 GKB US double-winged	14,91 kg	804	1604	28	768	1574	13	41,5
TMD-2748	RDSd 900x1400x12.5 GKB US double-winged	14,60 kg	904	1404	28	868	1374	13	41,5
TMD-2427	RDSd 900x1600x12.5 GKB US double-winged	16,50 kg	904	1604	28	868	1574	13	41,5
TMD-3442	RDSd 1000x1500x12.5 GKB US double-winged	17,05 kg	1004	1504	28	968	1474	13	41,5
TMD-2982	RDSd 1000x1800x12.5 GKB US double-winged	20,19 kg	1004	1804	28	968	1774	13	41,5
TMD-2529	RDSd 1000x2000x12.5 GKB US double-winged	22,28 kg	1004	2004	28	968	1974	13	41,5



Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. Systems with higher fire safety requirements use the red panel.

To prevent the frame from warping, large doors are reinforced with a square tube. Besides the standard 12,5 mm thickness, 15 mm and 25 mm can be produced.

Custom options:

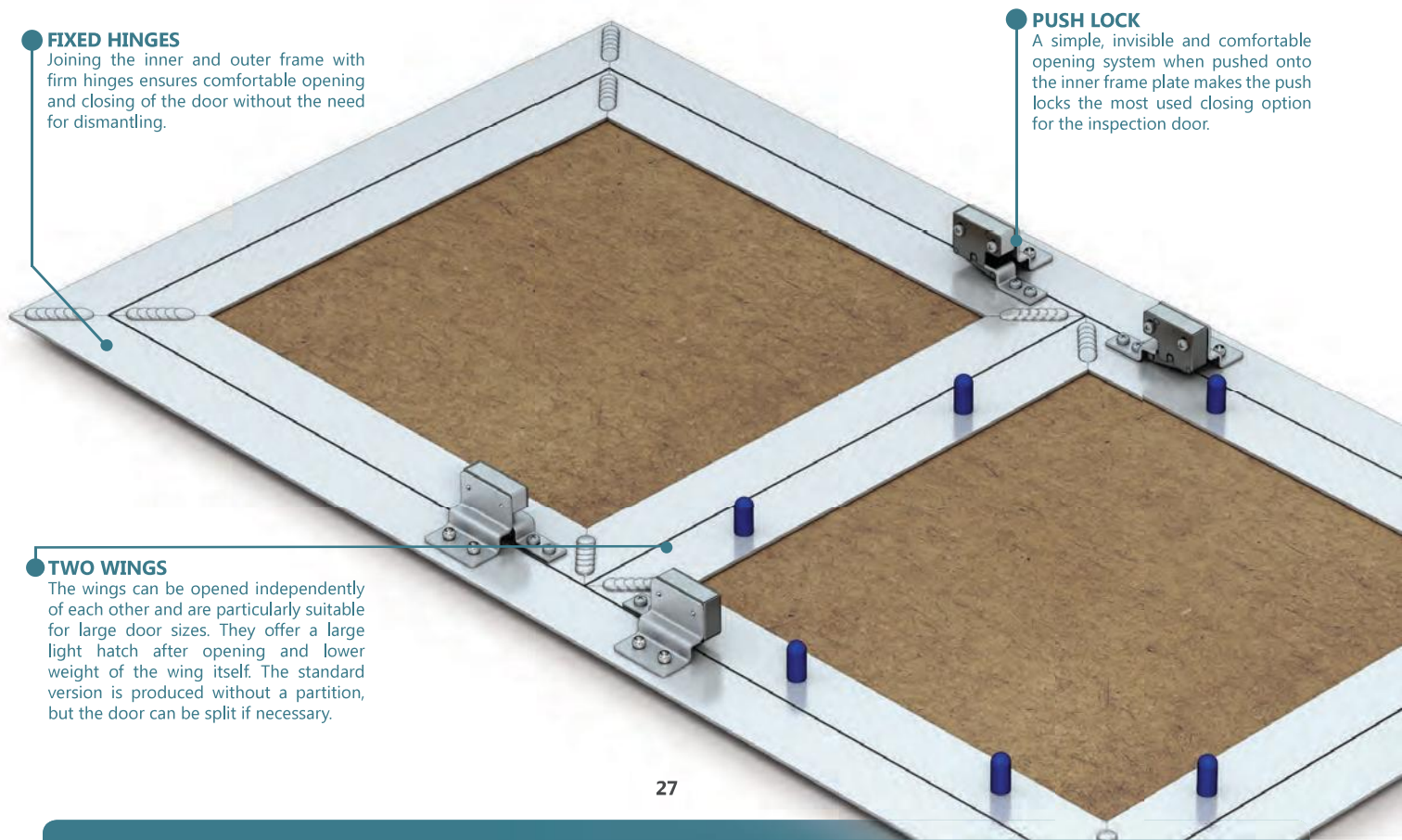
- Different panel (GKFi, acoustic, perforated...)
- Optional detachable doors
- Safety chain
- Optional no panel
- Atypical dimensions
- Version for ceramic tiling up to 1000x1000 mm

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-1888	RDSd 500x1000x12.5 GKBi US double-winged	6,75 kg	504	1004	28	468	974	13	41,5
TMD-3078	RDSd 600x1200x12.5 GKBi US double-winged	9,22 kg	604	1204	28	568	1174	13	41,5
TMD-2478	RDSd 800x1200x12.5 GKBi US double-winged	11,75 kg	804	1204	28	768	1174	13	41,5
TMD-0930	RDSd 800x1400x12.5 GKBi US double-winged	13,53 kg	804	1404	28	768	1374	13	41,5
TMD-1333	RDSd 800x1600x12.5 GKBi US double-winged	15,30 kg	804	1604	28	768	1574	13	41,5
TMD-1437	RDSd 900x1400x12.5 GKBi US double-winged	14,98 kg	904	1404	28	868	1374	13	41,5
TMD-1873	RDSd 900x1600x12.5 GKBi US double-winged	16,94 kg	904	1604	28	868	1574	13	41,5
TMD-0799	RDSd 1000x1500x12.5 GKBi US double-winged	17,51 kg	1004	1504	28	968	1474	13	41,5
TMD-0798	RDSd 1000x1800x12.5 GKBi US double-winged	20,74 kg	1004	1804	28	968	1774	13	41,5
TMD-2777	RDSd 1000x2000x12.5 GKBi US double-winged	22,89 kg	1004	2004	28	968	1974	13	41,5

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-2216	RDSd 500x1000x12.5 GKF US double-winged	7,36 kg	504	1004	28	468	974	13	41,5
TMD-2256	RDSd 600x1200x12.5 GKF US double-winged	10,10 kg	604	1204	28	568	1174	13	41,5
TMD-0784	RDSd 800x1200x12.5 GKF US double-winged	12,93 kg	804	1204	28	768	1174	13	41,5
TMD-2275	RDSd 800x1400x12.5 GKF US double-winged	14,90 kg	804	1404	28	768	1374	13	41,5
TMD-2034	RDSd 800x1600x12.5 GKF US double-winged	16,87 kg	804	1604	28	768	1574	13	41,5
TMD-3005	RDSd 900x1400x12.5 GKF US double-winged	16,52 kg	904	1404	28	868	1374	13	41,5



#### FIXED HINGES

Joining the inner and outer frame with firm hinges ensures comfortable opening and closing of the door without the need for dismantling.

#### PUSH LOCK

A simple, invisible and comfortable opening system when pushed onto the inner frame plate makes the push locks the most used closing option for the inspection door.

#### TWO WINGS

The wings can be opened independently of each other and are particularly suitable for large door sizes. They offer a large light hatch after opening and lower weight of the wing itself. The standard version is produced without a partition, but the door can be split if necessary.





## WELDED ALUMINUM INSPECTION DOORS

# AIR-TIGHT 12.5 mm

push lock, fixed hinges, rubber sealing

The doors are manufactured from proprietary aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

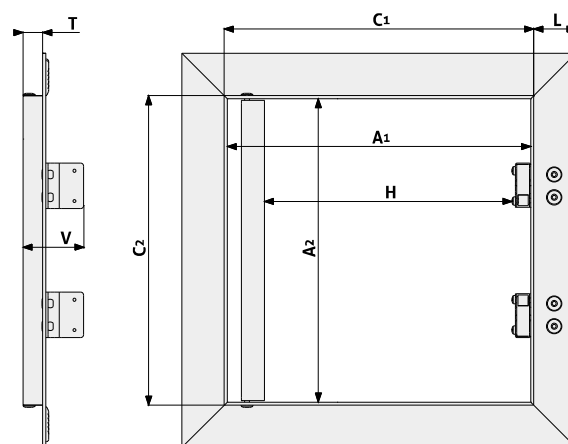
The inner frame is equipped with rubber seal which prevents air from passing through. By default, this model is produced with a white, green or red panel mounted into the frame with high-strength adhesive, which enables quick and easy finishing. Upon customer request, it is possible to mount the panel using screws.

The main advantages of the model:

- **Welded frames**
- **Easily operated push-lock**
- **Optional version for ceramic tiling**
- **Rubber seal tested against air permeability**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

The doors meet the requirements in the category 4 of the norm ČSN EN 1026 on air permeability.



Minimum size		Maximum size	
150 mm x 150 mm		1000 mm x 1000 mm	
Push	Partition	Ceiling	Tile
Air-tight	Dust		

White board GKB for dry environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-3354	RDSt 200x200x12.5 GKB US air-tight	0,91 kg	204	204	27	158	200	14	41,5
TMD-1878	RDSt 200x300x12.5 GKB US air-tight	1,18 kg	204	304	27	158	300	14	41,5
TMD-3355	RDSt 300x300x12.5 GKB US air-tight	1,54 kg	304	304	27	258	300	14	41,5
TMD-3942	RDSt 300x400x12.5 GKB US air-tight	1,90 kg	304	404	27	258	400	14	41,5
TMD-1591	RDSt 300x600x12.5 GKB US air-tight	2,62 kg	304	604	27	258	600	14	41,5
TMD-3356	RDSt 400x400x12.5 GKB US air-tight	2,35 kg	404	404	27	358	400	14	41,5
TMD-3941	RDSt 400x600x12.5 GKB US air-tight	3,25 kg	404	604	27	358	600	14	41,5
TMD-3357	RDSt 500x500x12.5 GKB US air-tight	3,34 kg	504	504	27	458	500	14	41,5
TMD-3358	RDSt 600x600x12.5 GKB US air-tight	4,52 kg	604	604	27	558	600	14	41,5
TMD-3347	RDSt 700x700x12.5 GKB US air-tight	5,88 kg	704	704	27	658	700	14	41,5



Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door. (Further info on page 76)

Custom options:

- Panel attached with screws instead of glue
- Different 12,5 mm thick panel (GKFi, acoustic, perforated...)
- Optional detachable doors
- Safety chain
- Optional no panel
- Atypical dimensions

Green board GKBi – impregnated for wet environment

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-4031	RDSt 200x200x12.5 GKBi US air-tight	0,93 kg	204	204	27	158	200	14	41,5
TMD-2836	RDSt 200x200x12.5 GKBi US air-tight	1,20 kg	204	304	27	158	300	14	41,5
TMD-4032	RDSt 300x300x12.5 GKBi US air-tight	1,57 kg	304	304	27	258	300	14	41,5
TMD-1232	RDSt 300x400x12.5 GKBi US air-tight	1,94 kg	304	404	27	258	400	14	41,5
TMD-2454	RDSt 300x600x12.5 GKBi US air-tight	2,67 kg	304	604	27	258	600	14	41,5
TMD-4033	RDSt 400x400x12.5 GKBi US air-tight	2,40 kg	404	404	27	358	400	14	41,5
TMD-2553	RDSt 400x600x12.5 GKBi US air-tight	3,33 kg	404	604	27	358	600	14	41,5
TMD-4034	RDSt 500x500x12.5 GKBi US air-tight	3,42 kg	504	504	27	458	500	14	41,5
TMD-4035	RDSt 600x600x12.5 GKBi US air-tight	4,63 kg	604	604	27	558	600	14	41,5
TMD-2145	RDSt 700x700x12.5 GKBi US air-tight	6,03 kg	704	704	27	658	700	14	41,5

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-2124	RDSt 200x200x12.5 GKF US air-tight	0,97 kg	204	204	27	158	200	14	41,5
TMD-1826	RDSt 300x300x12.5 GKF US air-tight	1,68 kg	304	304	27	258	300	14	41,5
TMD-1262	RDSt 400x400x12.5 GKF US air-tight	2,59 kg	404	404	27	358	400	14	41,5
TMD-2270	RDSt 500x500x12.5 GKF US air-tight	3,73 kg	504	504	27	458	500	14	41,5
TMD-2136	RDSt 600x600x12.5 GKF US air-tight	5,07 kg	604	604	27	558	600	14	41,5

#### RUBBER SEALING

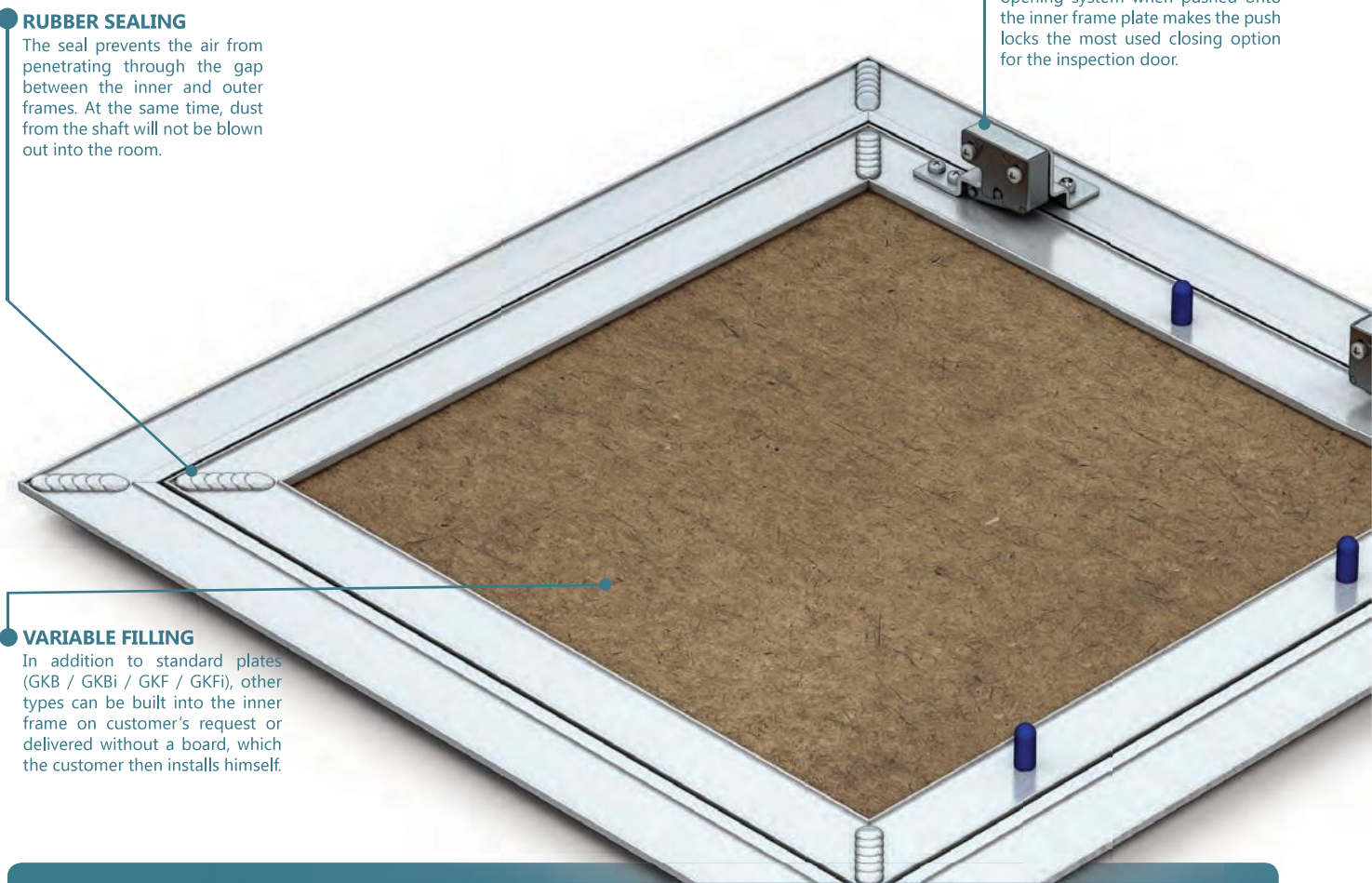
The seal prevents the air from penetrating through the gap between the inner and outer frames. At the same time, dust from the shaft will not be blown out into the room.

#### PUSH LOCK

A simple, invisible and comfortable opening system when pushed onto the inner frame plate makes the push locks the most used closing option for the inspection door.

#### VARIABLE FILLING

In addition to standard plates (GKB / GKBi / GKF / GKFi), other types can be built into the inner frame on customer's request or delivered without a board, which the customer then installs himself.





WELDED ALUMINUM INSPECTION DOORS

# ACOUSTIC 12.5 mm

push lock, fixed hinges, rubber sealing

The doors are manufactured from proprietary aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

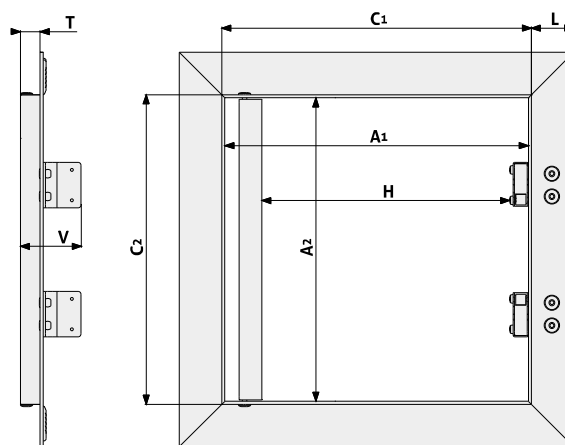
The inner frame is equipped with rubber seal which prevents air from passing through. This model is produced with a blue acoustic panel mounted into the frame with screws. The acoustic insulation is increased by a 1 mm thick zinc-coated steel sheet attached to the back of the panel.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Certified acoustic resistance up to 31dB
- Optional version for ceramic tiling
- Firmly attached inner frame

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

The doors are tested on sound permeability according to the norm ČSN EN ISO 717-1.



Minimum size			Maximum size		
150 mm x 150 mm			1000 mm x 1000 mm		
Push	Partition	Ceiling	Tile	Acoustic	Masonry

Blue acoustic board

Installation size | Pure manhole | Height

Order no.	Article name (A1 x A2)	Weight	C1	C2	L	H	A2	T	V
TMD-3648	RDSa 200x200x12.5 US acoustic -31dB	1,29 kg	204	204	27	164	200	14	41,5
TMD-5183	RDSa 200x300x12.5 US acoustic -31dB	1,77 kg	204	304	27	164	300	14	41,5
TMD-3649	RDSa 300x300x12.5 US acoustic -31dB	2,45 kg	304	304	27	264	300	14	41,5
TMD-5184	RDSa 300x400x12.5 US acoustic -31dB	3,14 kg	304	404	27	264	400	14	41,5
TMD-5185	RDSa 300x600x12.5 US acoustic -31dB	4,51 kg	304	604	27	264	600	14	41,5
TMD-3650	RDSa 400x400x12.5 US acoustic -31dB	4,04 kg	404	404	27	364	400	14	41,5
TMD-5186	RDSa 400x600x12.5 US acoustic -31dB	5,82 kg	404	604	27	364	600	14	41,5
TMD-3651	RDSa 500x500x12.5 US acoustic -31dB	6,04 kg	504	504	27	464	500	14	41,5
TMD-3652	RDSa 600x600x12.5 US acoustic -31dB	8,44 kg	604	604	27	564	600	14	41,5
TMD-5187	RDSa 700x700x12.5 US acoustic -31dB	11,28 kg	704	704	27	664	700	14	41,5



These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door. (Further info on page 76)

Although the outer frame is ready for installation into gypsum wall, the certificate also applies for installation into a brick wall.

Custom options:

- **Optional detachable doors**
- **Safety chain**
- **Atypical dimensions**



● **ACOUSTIC BOARD**

Blue diamond plate ensures increased sound insulation. At the same time, it fulfills the properties of impregnation in a wet environment and fire resistance. Therefore, it can be used anywhere.

● **ZINK PLATE**

The rear side of the inner frame is fitted with galvanized sheet of 1 mm thickness, which helps to increase the acoustic resistance of the door with the 12.5 mm plate.

● **RUBBER SEALING**

The seal prevents the air from penetrating through the gap between the inner and outer frames. At the same time, dust from the shaft will not be blown out into the room.



## WELDED ALUMINUM INSPECTION DOORS ACOUSTIC 25 mm

push lock, fixed hinges, sealing

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

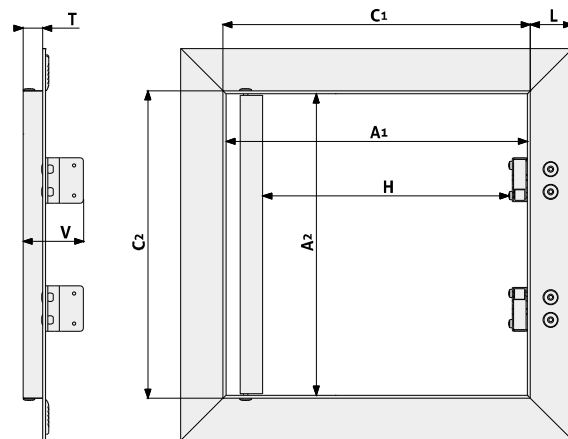
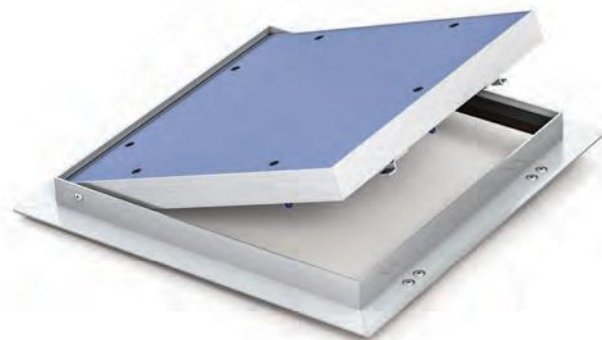
The outer frame is equipped with a fire-resistant and a rubber insulation, which prevents air from passing through. Mounted on the inner frame are blue acoustic panels, fixed with screws.

The main advantages of the model:

- **Welded frames**
- **Easily operated push-lock**
- **Certified acoustic resistance up to 34dB**
- **Optional version for ceramic tiling**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

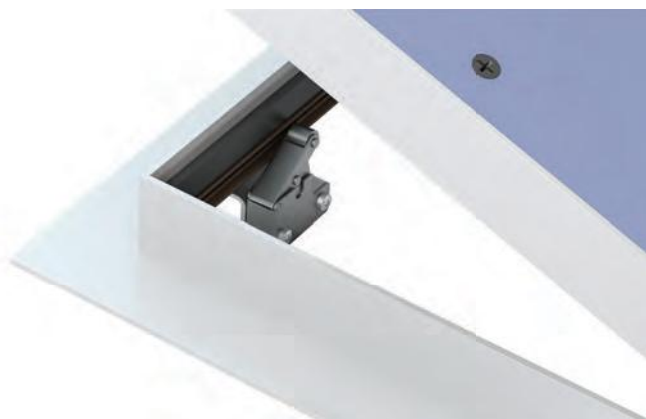
The doors are tested on sound permeability according to the norm ČSN EN ISO 717-1.



Minimum size			Maximum size		
200 mm x 200 mm			700 mm x 700 mm		
Push	Partition	Ceiling	Tile	Acoustic	Masonry

Blue acoustic board

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-3631	RDSa 200x200x25 US acoustic -34dB	1,69 kg	204	204	25,5	148	200	25,5	54
TMD-5182	RDSa 200x300x25 US acoustic -34dB	2,32 kg	204	304	25,5	148	300	25,5	54
TMD-3630	RDSa 300x300x25 US acoustic -34dB	3,20 kg	304	304	25,5	248	300	25,5	54
TMD-5180	RDSa 300x400x25 US acoustic -34dB	4,09 kg	304	404	25,5	248	400	25,5	54
TMD-5179	RDSa 300x600x25 US acoustic -34dB	5,86 kg	304	604	25,5	248	600	25,5	54
TMD-3632	RDSa 400x400x25 US acoustic -34dB	5,23 kg	404	404	25,5	348	400	25,5	54
TMD-5181	RDSa 400x600x25 US acoustic -34dB	7,51 kg	404	604	25,5	348	600	25,5	54
TMD-3633	RDSa 500x500x25 US acoustic -34dB	7,77 kg	504	504	25,5	448	500	25,5	54
TMD-3629	RDSa 600x600x25 US acoustic -34dB	10,82 kg	604	604	25,5	548	600	25,5	54
TMD-3998	RDSa 700x700x25 US acoustic -34dB	14,39 kg	704	704	25,5	648	700	25,5	54

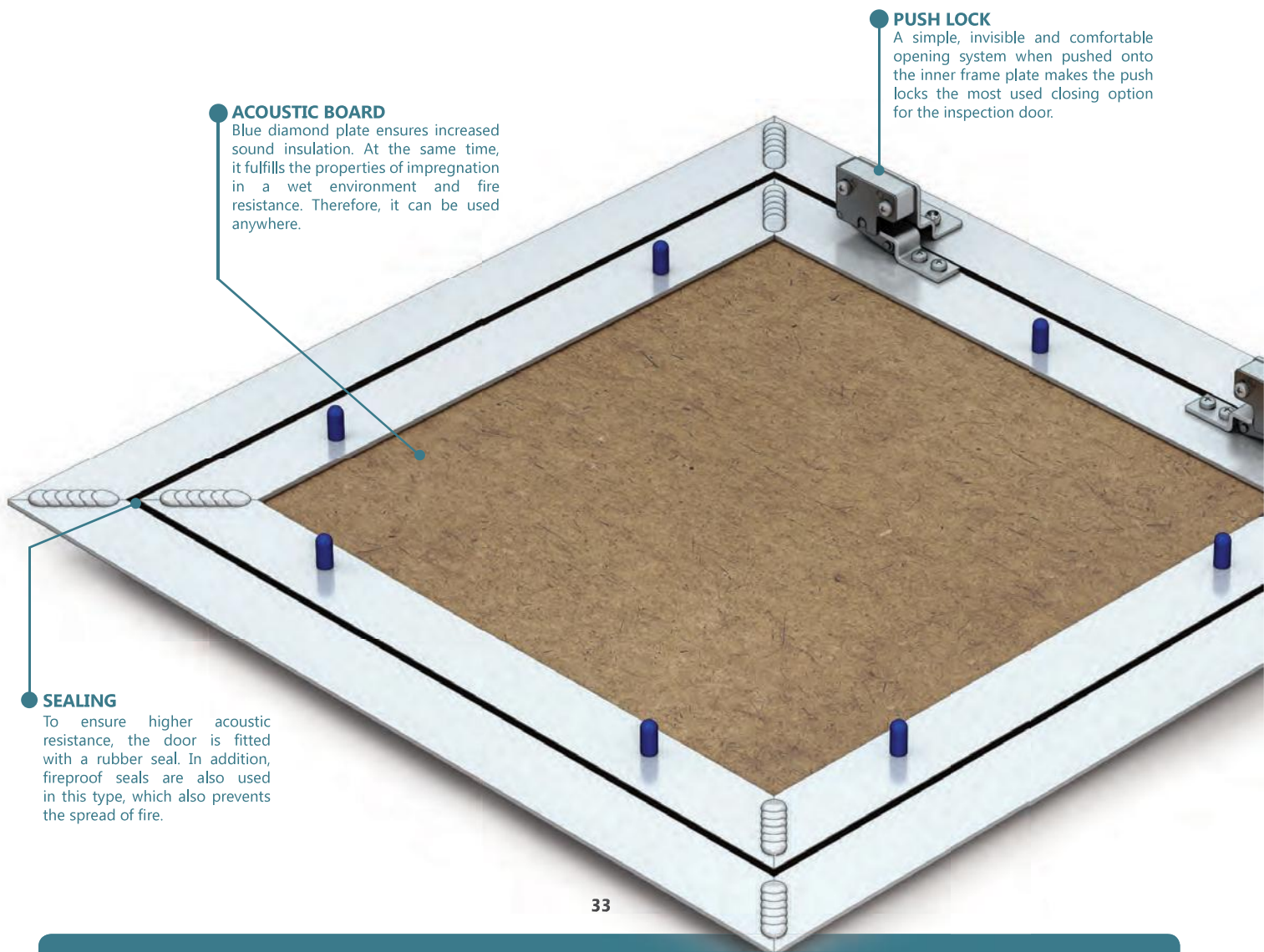


These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door (further info on page 76).

Although the outer frame is ready for installation into gypsum wall, the certificate also applies for installation into a brick wall.

Custom options:

- **Optional detachable doors**
- **Square key lock instead of push-lock**
- **Safety chain**
- **Atypical dimensions**
- **Larger than maximal dimensions upon request**



**ACOUSTIC BOARD**

Blue diamond plate ensures increased sound insulation. At the same time, it fulfills the properties of impregnation in a wet environment and fire resistance. Therefore, it can be used anywhere.

**PUSH LOCK**

A simple, invisible and comfortable opening system when pushed onto the inner frame plate makes the push locks the most used closing option for the inspection door.

**SEALING**

To ensure higher acoustic resistance, the door is fitted with a rubber seal. In addition, fireproof seals are also used in this type, which also prevents the spread of fire.

WELDED ALUMINUM INSPECTION DOORS

# MASONRY

push lock, fixed hinges, for brick wall

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

Outer frame contains additional mounting elements.

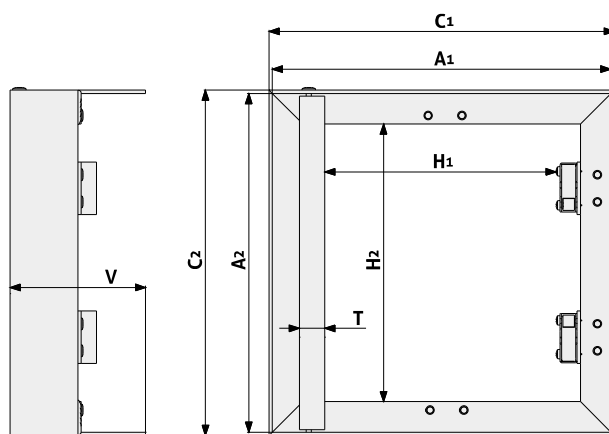
By default, this model is manufactured in thickness 12,5 mm with white, green or red panel mounted into the inner frame with screws.



The main advantages of the model:

- **Welded frames**
- **Easily operated push-lock**
- **Outer frame tailored for brick wall**
- **Extended mounting elements**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

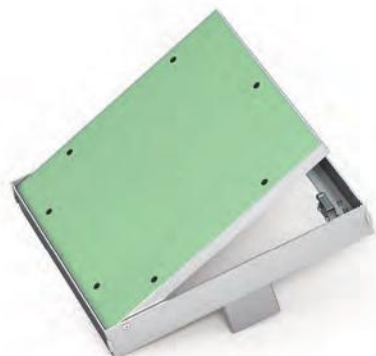
The installation done by hammered anchors through mounting elements, or using foam.



Minimum size	Maximum size
150 mm x 150 mm	Unlimited
	
Push	Masonry

White board GKB for dry environment

Order no.	Article name (C1 x C2)	Weight	Pure manhole				Height	
			A1	A2	H1	H2	T	V
TMD-3402	RDSz 200x200x12.5 GKB US masonry	1,00 kg	196	196	125	159	15	80
TMD-3943	RDSz 200x300x12.5 GKB US masonry	1,29 kg	196	296	125	259	15	80
TMD-3404	RDSz 300x300x12.5 GKB US masonry	1,68 kg	296	296	225	259	15	80
TMD-3976	RDSz 300x400x12.5 GKB US masonry	2,06 kg	296	396	225	359	15	80
TMD-4693	RDSz 300x600x12.5 GKB US masonry	2,82 kg	296	596	225	559	15	80
TMD-3405	RDSz 400x400x12.5 GKB US masonry	2,53 kg	396	396	325	359	15	80
TMD-3944	RDSz 400x600x12.5 GKB US masonry	3,48 kg	396	596	325	559	15	80
TMD-3406	RDSz 500x500x12.5 GKB US masonry	3,57 kg	496	496	425	459	15	80
TMD-3407	RDSz 600x600x12.5 GKB US masonry	4,80 kg	596	596	525	559	15	80
TMD-3615	RDSz 700x700x12.5 GKB US masonry	6,21 kg	696	696	625	659	15	80



A version with detachable inner frame using 4 or more push-locks is also available. This enlarges the opening.

Custom options:

- Different inner frame thickness, different panel (GKFi, acoustic, perforated...)
- Optional detachable doors
- Safety chain
- Optional no panel
- Atypical dimensions

Green board GKBi – impregnated for wet environment

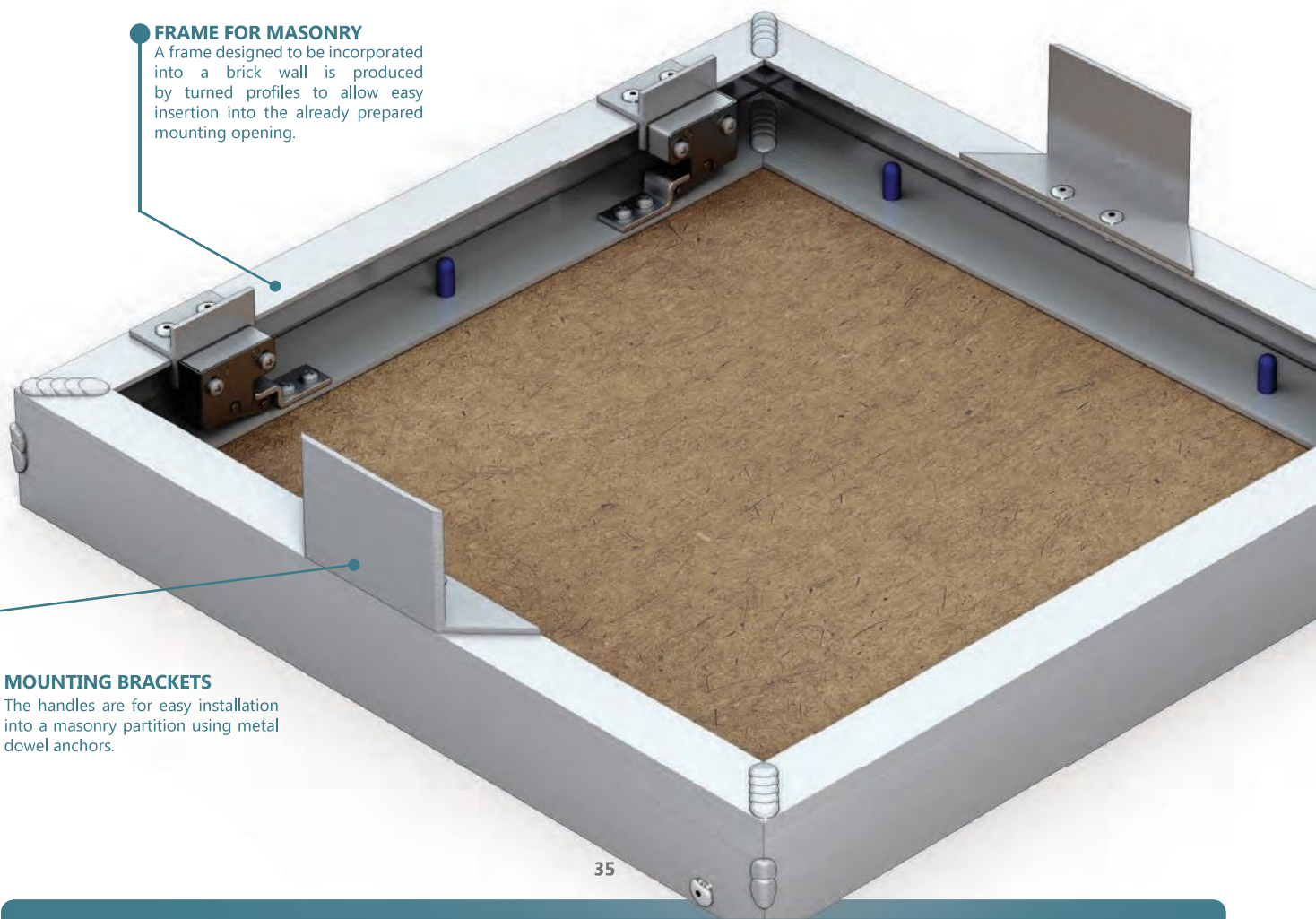
Order no.	Article name (C1 x C2)	Weight	A1	A2	Pure manhole		Height	
					H1	H2	T	V
TMD-2479	RDSz 200x200x12.5 GKBi US masonry	1,02 kg	196	196	125	159	15	80
TMD-2016	RDSz 200x300x12.5 GKBi US masonry	1,31 kg	196	296	125	259	15	80
TMD-2849	RDSz 300x300x12.5 GKBi US masonry	1,70 kg	296	296	225	259	15	80
TMD-1468	RDSz 300x400x12.5 GKBi US masonry	2,10 kg	296	396	225	359	15	80
TMD-2636	RDSz 300x600x12.5 GKBi US masonry	2,88 kg	296	596	225	559	15	80
TMD-2545	RDSz 400x400x12.5 GKBi US masonry	2,58 kg	396	396	325	359	15	80
TMD-2233	RDSz 400x600x12.5 GKBi US masonry	3,56 kg	396	596	325	559	15	80
TMD-2180	RDSz 500x500x12.5 GKBi US masonry	3,65 kg	496	496	425	459	15	80
TMD-2351	RDSz 600x600x12.5 GKBi US masonry	4,91 kg	596	596	525	559	15	80
TMD-2764	RDSz 700x700x12.5 GKBi US masonry	6,36 kg	696	696	625	659	15	80

Red board GKF – fire resistant

Order no.	Article name (C1 x C2)	Weight	A1	A2	Pure manhole		Height	
					H1	H2	T	V
TMD-2803	RDSz 200x200x12.5 GKF US masonry	1,06 kg	196	196	125	159	15	80
TMD-2708	RDSz 300x300x12.5 GKF US masonry	1,81 kg	296	296	225	259	15	80
TMD-2252	RDSz 400x400x12.5 GKF US masonry	2,78 kg	396	396	325	359	15	80
TMD-2250	RDSz 500x500x12.5 GKF US masonry	3,96 kg	496	496	425	459	15	80
TMD-2841	RDSz 600x600x12.5 GKF US masonry	5,35 kg	596	596	525	559	15	80

**FRAME FOR MASONRY**  
A frame designed to be incorporated into a brick wall is produced by turned profiles to allow easy insertion into the already prepared mounting opening.

**MOUNTING BRACKETS**  
The handles are for easy installation into a masonry partition using metal dowel anchors.





WELDED ALUMINUM INSPECTION DOORS

# MASONRY TILE

push lock, adjusted hinges, for brick wall

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

Mounted in the inner frame is a green impregnated panel, fixed with screws. Hinges are offset and the door is ready to be fitted with ceramic tiling.

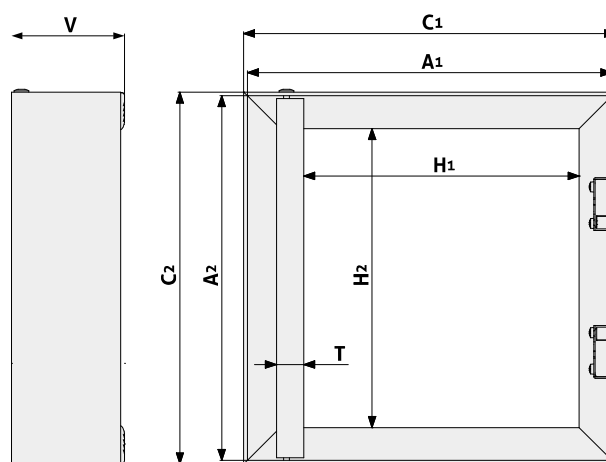
The main advantages of the model:




- **Welded frames**
- **Easily operated push-lock**
- **Outer frame tailored for brick wall**
- **Ready for ceramic tiling**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

The installation done by hammered anchors through mounting elements, or using foam.

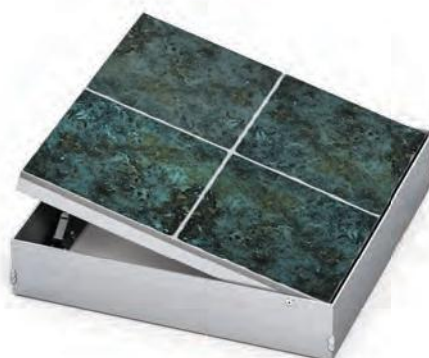
Standard model with offset hinges allows to be fitted with tiles of maximal thickness 8mm + adhesive.



<p>Minimum size</p> <p><b>150 mm x 150 mm</b></p>  <p>Push</p>	<p>Maximum size</p> <p><b>900 mm x 900 mm</b></p>  <p>Masonry</p>  <p>Tile</p>
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Green board GKBi – impregnated for wet environment

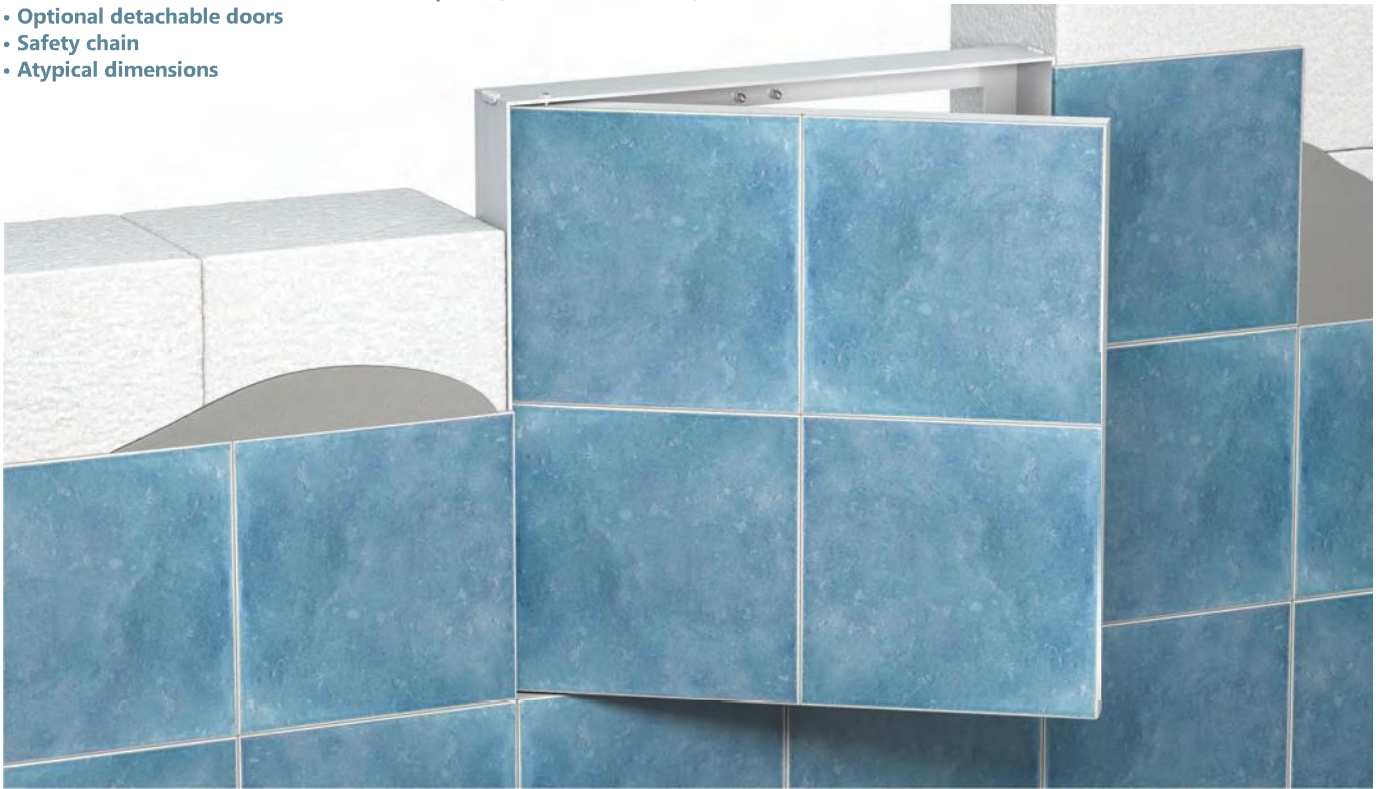
Order no.	Article name (C1 x C2)	Weight	Pure manhole				Height	
			A1	A2	H1	H2	T	V
TMD-4845	RDSzo 200x200x12.5 GKBi US masonry, tile	1,09 kg	196	196	111	159	15	63
TMD-1486	RDSzo 200x300x12.5 GKBi US masonry, tile	1,40 kg	196	296	211	259	15	63
TMD-3590	RDSzo 300x300x12.5 GKBi US masonry, tile	1,80 kg	296	296	211	259	15	63
TMD-4610	RDSzo 300x400x12.5 GKBi US masonry, tile	2,21 kg	296	396	211	359	15	63
TMD-1881	RDSzo 300x600x12.5 GKBi US masonry, tile	3,01 kg	296	596	311	559	15	63
TMD-4352	RDSzo 400x400x12.5 GKBi US masonry, tile	2,70 kg	396	396	311	359	15	63
TMD-2163	RDSzo 400x600x12.5 GKBi US masonry, tile	3,69 kg	396	596	311	559	15	63
TMD-4362	RDSzo 500x500x12.5 GKBi US masonry, tile	3,78 kg	496	496	411	459	15	63
TMD-3903	RDSzo 600x600x12.5 GKBi US masonry, tile	5,05 kg	596	596	511	559	15	63
TMD-1762	RDSzo 700x700x12.5 GKBi US masonry, tile	6,49 kg	696	696	611	659	15	63



A version with detachable inner frame using 4 or more push-locks is also available. This enlarges the opening.

Custom options:

- Different inner frame thickness, different panel (GKFi, blue acoustic)
- Optional detachable doors
- Safety chain
- Atypical dimensions



#### PUSH LOCK

A simple, invisible and comfortable opening system when pushed onto the inner frame plate makes the push locks the most used closing option for the inspection door.

#### INCREASED FRAME

The higher frame in the doorway makes it easier to fit into the brick wall. The door is anchored through the outside frame by nail plugs to ensure fastening.

#### ADJUSTED HINGES

For doors designed to be lined with ceramic tiles over an aluminum profile, it is important to move the hinges from the edge of the outer frame to allow the inner wing to open without any problems.



WELDED ALUMINUM INSPECTION DOORS

# MASONRY AIR-TIGHT

push lock, fixed hinges, for brick wall, rubber sealing

The doors are manufactured from proprietary aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed. Outer frame contains additional mounting elements.

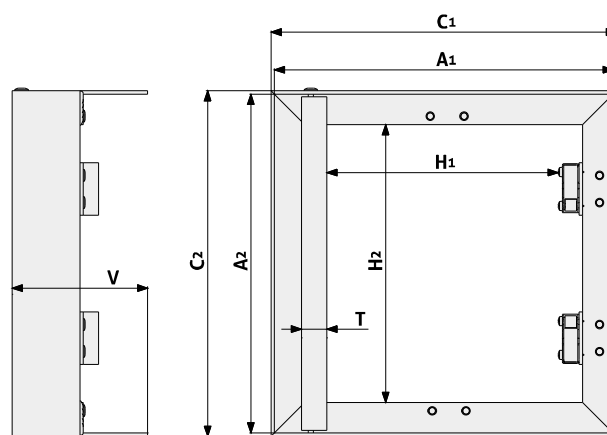
The inner frame is equipped with rubber seal which prevents air from passing through. By default, this model is produced with a white, green or red panel mounted into the frame with screws.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Outer frame tailored for brick wall
- Extended mounting elements
- Firmly attached inner frame
- Optional version for ceramic tiling
- Rubber seal tested against air permeability

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

The doors meet the requirements in the category 4 of the norm ČSN EN 1026 on air permeability.



Minimum size		Maximum size	
150 mm x 150 mm		1200 mm x 1200 mm	
Push	Masonry	Tile	Air-tight
			Dust

White board GKB for dry environment

Order no.	Article name (C1 x C2)	Weight	Pure manhole				Height	
			A1	A2	H1	H2	T	V
TMD-3585	RDSzt 200x200x12.5 GKB US masonry, air-tight	0,98 kg	196	196	125	159	15	80
TMD-2790	RDSzt 200x300x12.5 GKB US masonry, air-tight	1,27 kg	196	296	125	259	15	80
TMD-3586	RDSzt 300x300x12.5 GKB US masonry, air-tight	1,64 kg	296	296	225	259	15	80
TMD-5033	RDSzt 300x400x12.5 GKB US masonry, air-tight	2,02 kg	296	396	225	359	15	80
TMD-2866	RDSzt 300x600x12.5 GKB US masonry, air-tight	2,77 kg	296	596	225	559	15	80
TMD-3587	RDSzt 400x400x12.5 GKB US masonry, air-tight	2,49 kg	396	396	325	359	15	80
TMD-5034	RDSzt 400x600x12.5 GKB US masonry, air-tight	3,42 kg	396	596	325	559	15	80
TMD-3588	RDSzt 500x500x12.5 GKB US masonry, air-tight	3,51 kg	496	496	425	459	15	80
TMD-3589	RDSzt 600x600x12.5 GKB US masonry, air-tight	4,72 kg	596	596	525	559	15	80
TMD-0875	RDSzt 700x700x12.5 GKB US masonry, air-tight	6,12 kg	696	696	625	659	15	80



Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door.

Custom options:

- Different 12,5 mm thick panel (GKFi, blue acoustic, perforated...)
- Optional detachable doors
- Safety chain
- Optional no panel
- Atypical dimensions

Green board GKBi – impregnated for wet environment

Order no.	Article name (C1 x C2)	Weight	A1	A2	Pure manhole		Height	
					H1	H2	T	V
TMD-1204	RDSzt 200x200x12.5 GKBi US masonry, air-tight	1,00 kg	196	196	125	159	15	80
TMD-1615	RDSzt 200x300x12.5 GKBi US masonry, air-tight	1,29 kg	196	296	125	259	15	80
TMD-1472	RDSzt 300x300x12.5 GKBi US masonry, air-tight	1,67 kg	296	296	225	259	15	80
TMD-2368	RDSzt 300x400x12.5 GKBi US masonry, air-tight	2,06 kg	296	396	225	359	15	80
TMD-2589	RDSzt 300x600x12.5 GKBi US masonry, air-tight	2,83 kg	296	596	225	559	15	80
TMD-3063	RDSzt 400x400x12.5 GKBi US masonry, air-tight	2,54 kg	396	396	325	359	15	80
TMD-2532	RDSzt 400x600x12.5 GKBi US masonry, air-tight	3,49 kg	396	596	325	559	15	80
TMD-2609	RDSzt 500x500x12.5 GKBi US masonry, air-tight	3,59 kg	496	496	425	459	15	80
TMD-1307	RDSzt 600x600x12.5 GKBi US masonry, air-tight	4,83 kg	596	596	525	559	15	80
TMD-3558	RDSzt 700x700x12.5 GKBi US masonry, air-tight	6,27 kg	696	696	625	659	15	80

Red board GKF – fire resistant

Order no.	Article name (C1 x C2)	Weight	A1	A2	Pure manhole		Height	
					H1	H2	T	V
TMD-1311	RDSzt 200x200x12.5 GKF US masonry, air-tight	1,05 kg	196	196	125	159	15	80
TMD-2238	RDSzt 300x300x12.5 GKF US masonry, air-tight	1,78 kg	296	296	225	259	15	80
TMD-2150	RDSzt 400x400x12.5 GKF US masonry, air-tight	2,73 kg	396	396	325	359	15	80
TMD-2928	RDSzt 500x500x12.5 GKF US masonry, air-tight	3,90 kg	496	496	425	459	15	80
TMD-2079	RDSzt 600x600x12.5 GKF US masonry, air-tight	5,27 kg	596	596	525	559	15	80

#### MOUNTING BRACKETS

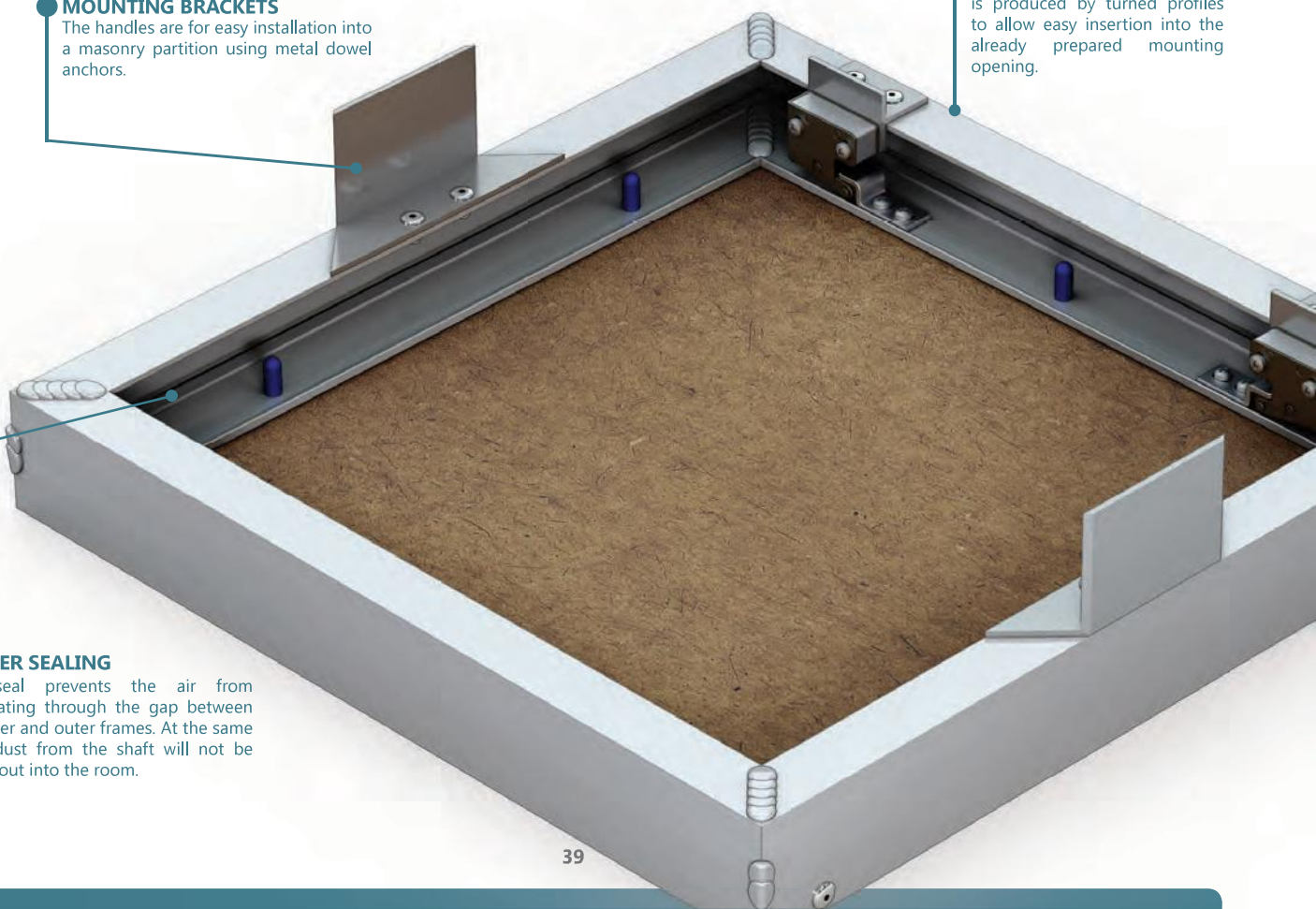
The handles are for easy installation into a masonry partition using metal dowel anchors.

#### FRAME FOR MASONRY

A frame designed to be incorporated into a brick wall is produced by turned profiles to allow easy insertion into the already prepared mounting opening.

#### RUBBER SEALING

The seal prevents the air from penetrating through the gap between the inner and outer frames. At the same time, dust from the shaft will not be blown out into the room.



WELDED ALUMINUM INSPECTION DOORS

# MINERAL

push lock, fixed hinges

The doors are manufactured from proprietary aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

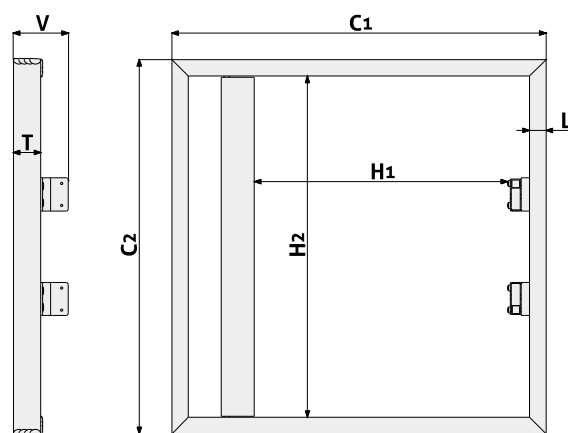
The inner frame is filled by the customer to fit the surrounding raster after mounting the door. Smaller sizes are mounted with quick hangers. Larger sizes have to be suspended from the hard ceiling with wires.



The main advantages of the model:

- **Welded frames**
- **Easily operated push-lock**
- **Easy access into tiled ceiling**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

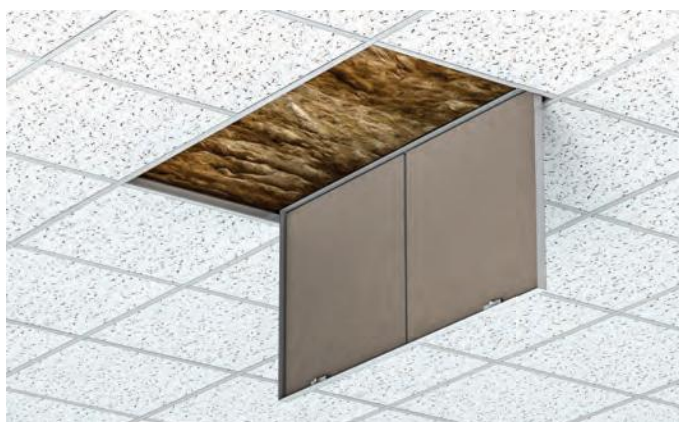
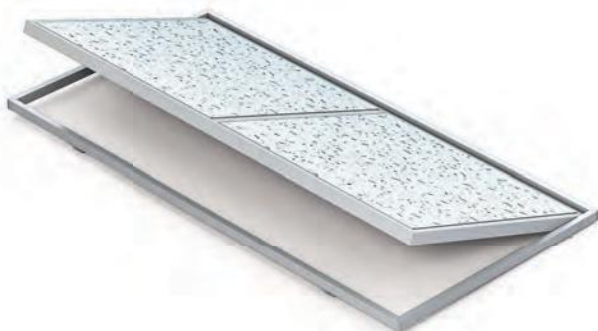
The doors provide an easy access into tiled lower ceiling without having to remove the tiles themselves. The standard sizes are manufactured according to the universal raster size.



Minimum size	Maximum size
300 mm x 300 mm	1200 mm x 1200 mm
 Push	 Ceiling

Without board

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-1319	RDSm 600x600x12.5 US mineral ceiling	2,29 kg	599	599	15	510	568	25	65
TMD-3273	RDSm 600x1200x12.5 US mineral ceiling	3,28 kg	599	1199	15	510	1168	25	65
TMD-2257	RDSm 1200x1200x12.5 US mineral ceiling	4,26 kg	1199	1199	15	1116	1168	25	65



Custom options:

- **Safety chain**
- **Atypical dimensionis**

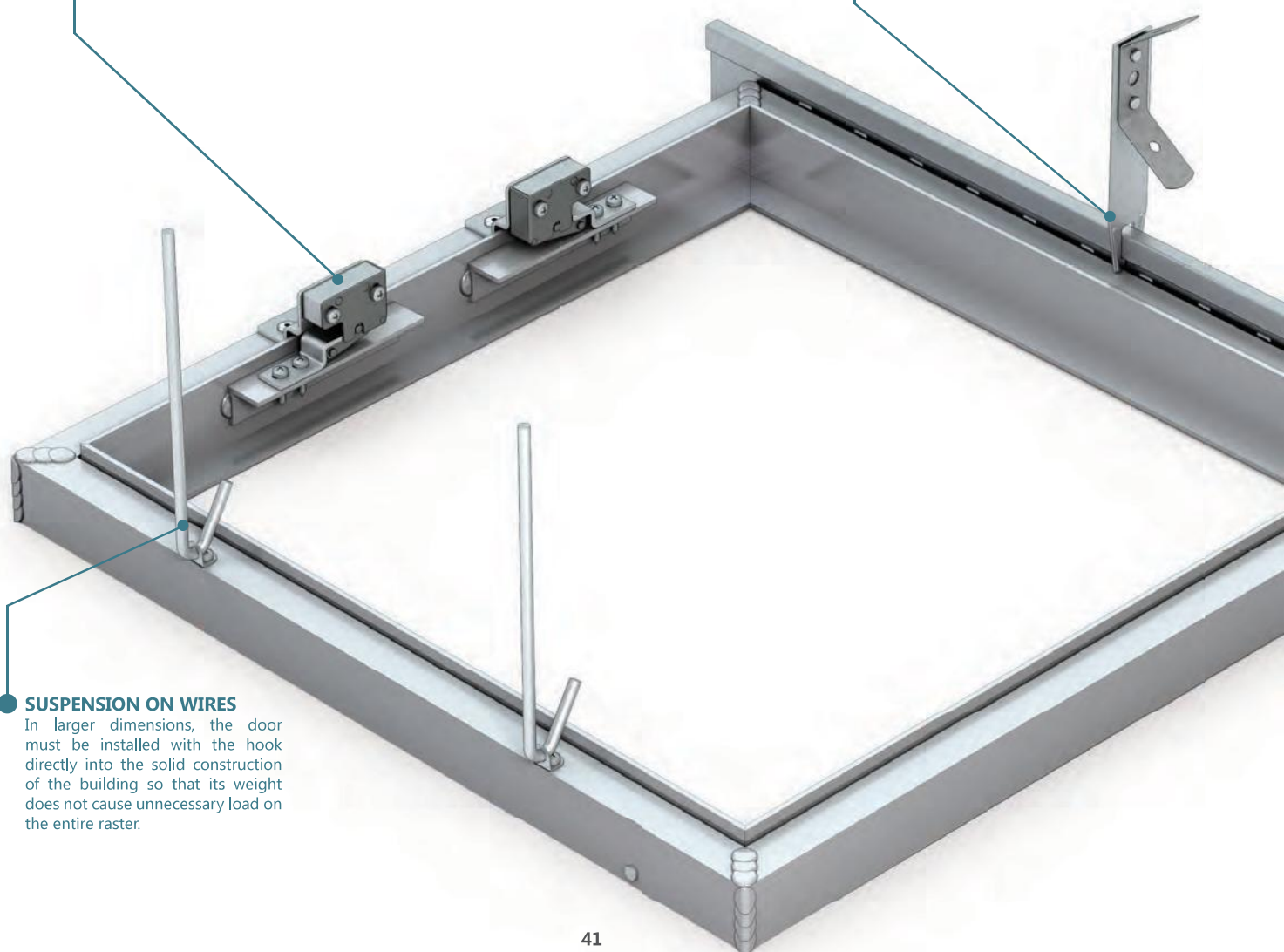


**PUSH LOCK**

A simple, invisible and comfortable opening system when pushed onto the inner frame plate makes the push locks the most used closing option for the inspection door.

**SUSPENSION ON QUICK HANGERS**

The small dimensions can be placed directly on a raster made of T profiles, which are fixed to the solid structure of the building with quick hangers.



**SUSPENSION ON WIRES**

In larger dimensions, the door must be installed with the hook directly into the solid construction of the building so that its weight does not cause unnecessary load on the entire raster.

WELDED ALUMINUM INSPECTION DOORS

# WITHOUT BOARD 12.5 mm

push lock, fixed hinges, no panel

The doors are manufactured from proprietary aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening the doors when needed.

The main advantages of the model:

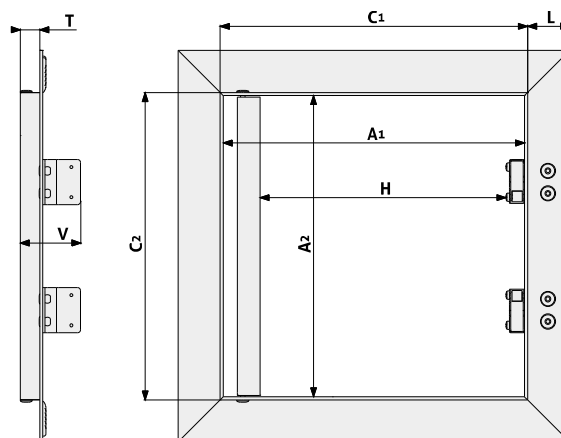
- **Welded frames**
- **Easily operated push-lock**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

Custom options:

- **Optional detachable doors**
- **Safety chain**
- **Different frame thickness**
- **Atypical dimensions**

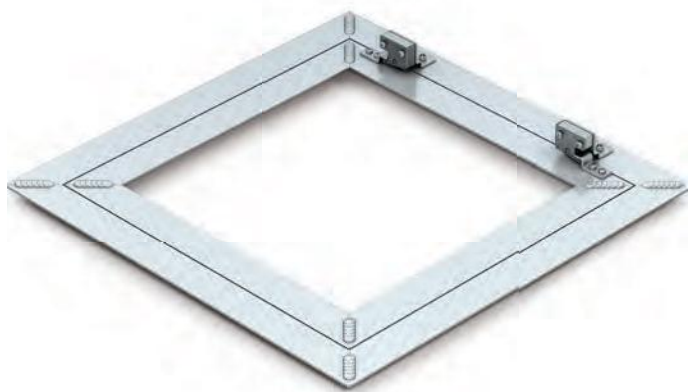
These doors enable the customer to fill the door with a special, not normally available, panel.



Minimum size		Maximum size	
150 mm x 150 mm		Weight dependant	
Push	Partition	Ceiling	

Without board

Order no.	Article name (A1)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-2857	RDS 200x200x12.5 US (no board)	0,58 kg	204	204	28	171	200	13	41,5
TMD-2556	RDS 200x300x12.5 US (no board)	0,67 kg	204	304	28	171	300	13	41,5
TMD-2401	RDS 300x300x12.5 US (no board)	0,76 kg	304	304	28	271	300	13	41,5
TMD-3160	RDS 300x400x12.5 US (no board)	0,85 kg	304	404	28	271	400	13	41,5
TMD-4756	RDS 300x600x12.5 US (no board)	1,03 kg	304	604	28	271	600	13	41,5
TMD-4243	RDS 400x400x12.5 US (no board)	0,94 kg	404	404	28	371	400	13	41,5
TMD-2940	RDS 400x600x12.5 US (no board)	1,12 kg	404	604	28	371	600	13	41,5
TMD-3245	RDS 500x500x12.5 US (no board)	1,12 kg	504	504	28	471	500	13	41,5
TMD-2088	RDS 600x600x12.5 US (no board)	1,30 kg	604	604	28	571	600	13	41,5
TMD-2892	RDS 700x700x12.5 US (no board)	1,49 kg	704	704	28	671	700	13	41,5



SHEET METAL INSPECTION DOORS

# CLASSIC PAINTED US

push lock, removable, white paint

The doors are pressed from a steel sheet. They are made of an outer frame, whose lip hides imperfections of the access hole, and a moving inner frame connected with a removable hinge. The surface is powder coated white for protection against corrosion.

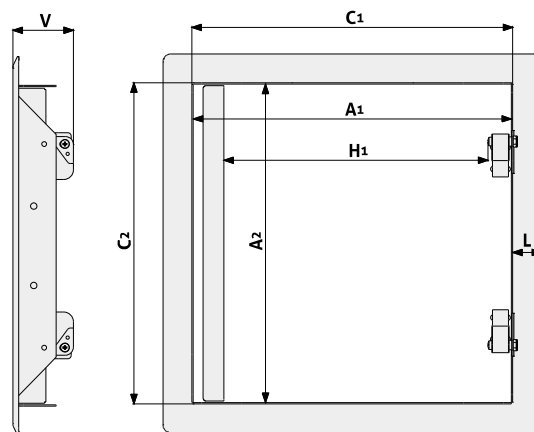
The main advantages of the model:

- **Universal model for both gypsum and brick wall**
- **Easily operated push-lock**
- **White powder coating**
- **Hiding of the access hole imperfections**
- **Removable inner frame to increase opening size**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

The doors are packed individually inside a plastic foil.

Colour change and atypical dimensions possible upon request.



Minimum size		Maximum size	
150 mm x 150 mm		1000 mm x 1200 mm	
Push	Partition	Ceiling	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-3157-Z	RDp 200x200 US metal, white	0,58 kg	201	207	19	170	200	18	14
TMD-1163-Z	RDp 300x300 US metal, white	1,08 kg	301	307	19	270	300	18	14
TMD-1044-Z	RDp 400x400 US metal, white	1,66 kg	401	407	19	370	400	18	14
TMD-1045-Z	RDp 500x500 US metal, white	2,54 kg	501	507	19	470	500	18	14
TMD-1046-Z	RDp 600x600 US metal, white	3,36 kg	601	607	19	570	600	18	14



**PUSH LOCK**  
A simple, invisible and comfortable opening system when pushed onto the inner frame plate makes the push locks the most used closing option for the inspection door.

**MOUNTING BRACKETS**  
Perforated tapes on the sides of the outer frame on metal door serve for easy insertion into the brick wall by nail plugs or by bending and securing to the gypsum board.



SHEET METAL INSPECTION DOORS

# CLASSIC PAINTED KL

square key lock, removable, white paint

The doors are pressed from a steel sheet. They are made of an outer frame, whose lip hides imperfections of the access hole, and a moving inner frame connected with a removable hinge. The surface is powder coated white for protection against corrosion.

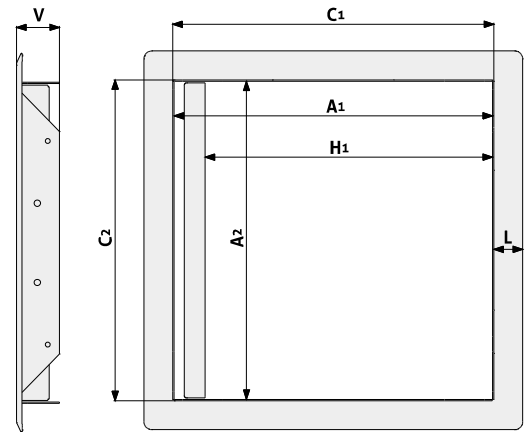
The main advantages of the model:

- Universal model for both gypsum and brick wall
- Easily operated push-lock
- White powder coating
- Hiding of the access hole imperfections
- Removable inner frame to increase opening size

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

The doors are packed individually inside a plastic foil.

Colour change and atypical dimensions possible upon request.



Minimum size		Maximum size	
150 mm x 150 mm		1000 mm x 1200 mm	
Square	Partition	Ceiling	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-3534-Z	RDp 200x200 KL metal, white	0,58 kg	201	207	26	159	200	18	27
TMD-3535-Z	RDp 300x300 KL metal, white	1,08 kg	301	307	26	259	300	18	27
TMD-3536-Z	RDp 400x400 KL metal, white	1,66 kg	401	407	26	359	400	18	27
TMD-3537-Z	RDp 500x500 KL metal, white	2,54 kg	501	507	26	459	500	18	27
TMD-3538-Z	RDp 600x600 KL metal, white	3,36 kg	601	607	26	559	600	18	27

**KEY LOCK**  
The square lock is located in the gypsum board of the inner frame. It provides greater security than standard push locks not only in the case of undesirable intrusion, but also against spontaneous opening.



SHEET METAL INSPECTION DOORS

# STAINLESS TM

magnet lock, fixed hinges

The doors are pressed from ground stainless steel sheet. They are made of an outer frame, whose lip hides imperfections of the access hole, and a moving inner frame connected with a fixed hinge.

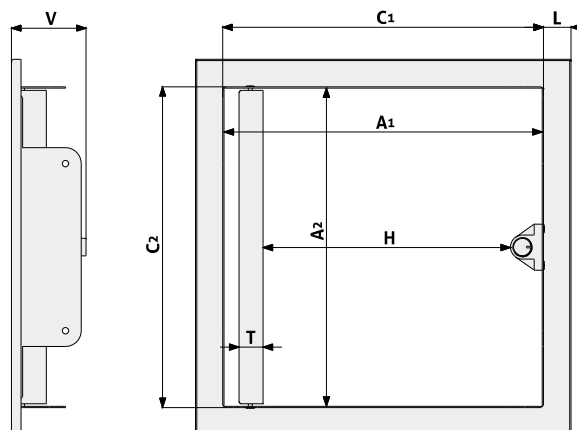
The main advantages of the model:

- Universal model for both gypsum and brick wall
- Easily operated magnetic lock
- Stainless surface
- Hiding of the access hole imperfections
- Firmly attached inner frame

Comfortable opening and closing is made possible with magnetic push-locks located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

The face of the door is covered with foil to prevent damage to the stainless surface.

Atypical dimensions possible upon request.



Minimum size		Maximum size	
150 mm x 150 mm		1000 mm x 1200 mm	
Push	Partition	Ceiling	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-4163-Z	RDn 150x150 TM stainless	0,42 kg	152	154	18	106	149	15	49
TMD-4193-Z	RDn 200x200 TM stainless	0,65 kg	202	204	18	156	199	15	49
TMD-4195-Z	RDn 200x300 TM stainless	0,95 kg	202	304	18	156	299	15	49
TMD-4198-Z	RDn 300x300 TM stainless	1,21 kg	302	304	18	256	299	15	49
TMD-4199-Z	RDn 300x400 TM stainless	1,56 kg	302	404	18	256	399	15	49
TMD-4742-Z	RDn 300x600 TM stainless	1,89 kg	302	604	18	256	599	15	49
TMD-4200-Z	RDn 400x400 TM stainless	1,92 kg	402	404	18	356	399	15	49
TMD-4201-Z	RDn 400x600 TM stainless	2,60 kg	402	604	18	356	599	15	49
TMD-4203-Z	RDn 500x500 TM stainless	2,75 kg	502	504	18	456	499	15	49
TMD-4205-Z	RDn 600x600 TM stainless	3,56 kg	602	604	18	556	599	15	49

**MAGNETIC LOCK**  
The magnetic lock which snaps out or locks when pushed onto the inner frame and opens or closes the wing.



SHEET METAL INSPECTION DOORS

# STAINLESS KL

square key lock, fixed hinges

The doors are pressed from ground stainless steel sheet. They are made of an outer frame, whose lip hides imperfections of the access hole, and a moving inner frame connected with a fixed hinge.

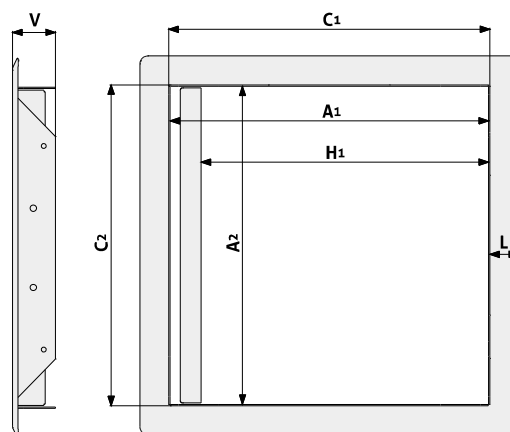
The main advantages of the model:

- **Universal model for both gypsum and brick wall**
- **Secured lock**
- **Stainless surface**
- **Hiding of the access hole imperfections**
- **Firmly attached inner frame**

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

The face of the door is covered with foil to prevent damage to the stainless surface.

Atypical dimensions possible upon request.



Minimum size		Maximum size	
150 mm x 150 mm		1000 mm x 1200 mm	
Push	Partition	Ceiling	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-4216-Z	RDn 150x150 KL stainless	0,42 kg	152	154	18	112	149	15	49
TMD-4219-Z	RDn 200x200 KL stainless	0,65 kg	202	204	18	162	199	15	49
TMD-4221-Z	RDn 200x300 KL stainless	0,95 kg	202	304	18	162	299	15	49
TMD-4224-Z	RDn 300x300 KL stainless	1,21 kg	302	304	18	262	299	15	49
TMD-4225-Z	RDn 300x400 KL stainless	1,56 kg	302	404	18	262	399	15	49
TMD-4859-Z	RDn 300x600 KL stainless	1,89 kg	302	604	18	262	599	15	49
TMD-4226-Z	RDn 400x400 KL stainless	1,92 kg	402	404	18	362	399	15	49
TMD-4228-Z	RDn 400x600 KL stainless	2,60 kg	402	604	18	362	599	15	49
TMD-4229-Z	RDn 500x500 KL stainless	2,75 kg	502	504	18	462	499	15	49
TMD-4231-Z	RDn 600x600 KL stainless	3,56 kg	602	604	18	562	599	15	49



# VENTILATION

square key lock, removable

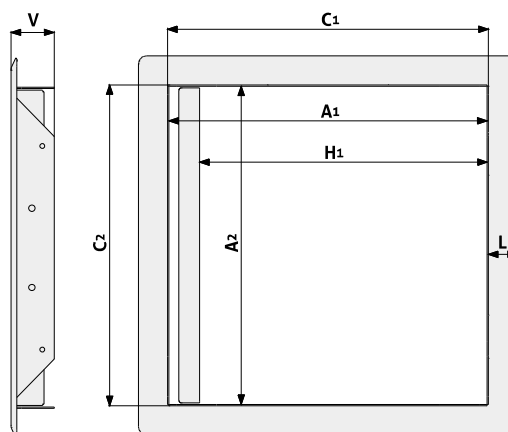
The doors are pressed from a steel sheet. They are made of an outer frame, whose lip hides imperfections of the access hole, and a moving inner frame with ventilation holes connected with a removable hinge. The surface is powder coated for protection against corrosion.

The main advantages of the model:

- Universal model for both gypsum and brick wall
- Secured lock
- Ventilation holes
- Powder coated or stainless surface
- Hiding of the access hole imperfections
- Removable inner frame to increase opening size

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

The doors are also made from ground stainless steel sheet.



Minimum size		Maximum size	
200 mm x 200 mm		1000 mm x 1200 mm	
Square	Partition	Ceiling	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-4207-Z	RDp 300x300 KL ventilation	1,50 kg	304	304	28	262	300	13	30
TMD-4209-Z	RDp 300x400 KL ventilation	1,95 kg	304	404	28	262	400	13	30
TMD-4210-Z	RDp 400x400 KL ventilation	2,40 kg	404	404	28	362	400	13	30
TMD-4212-Z	RDp 400x600 KL ventilation	3,40 kg	404	604	28	362	600	13	30
TMD-4213-Z	RDp 500x500 KL ventilation	3,60 kg	504	504	28	462	500	13	30
TMD-4215-Z	RDp 600x600 KL ventilation	4,60 kg	604	604	28	562	600	13	30
TMD-4864-Z	RDp 600x800 KL ventilation	5,70 kg	604	804	28	562	800	13	30
TMD-5087-Z	RDp 700x700 KL ventilation	5,60 kg	704	704	28	662	700	13	30

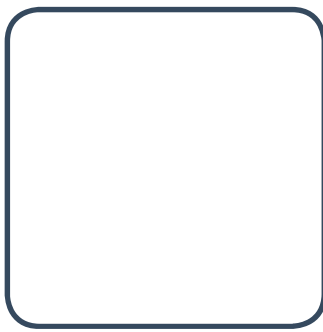


Custom options:

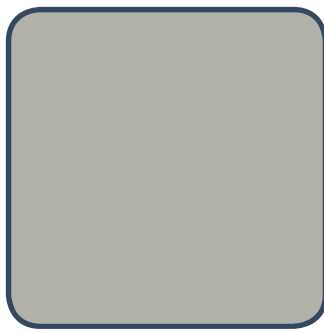
- Atypical dimensionis
- Other color variations (white, brown...)

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-5341-Z	RDn 300x300 KL HUP ventilation, stainless	1,50 kg	304	304	28	262	300	13	30
TMD-5342-Z	RDn 400x400 KL HUP ventilation, stainless	2,40 kg	404	404	28	362	400	13	30
TMD-5343-Z	RDn 500x500 KL HUP ventilation, stainless	3,60 kg	504	504	28	462	500	13	30
TMD-5344-Z	RDn 600x600 KL HUP ventilation, stainless	4,60 kg	604	604	28	562	600	13	30

### Color variations



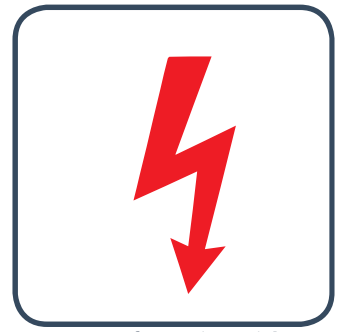
RAL 9003



RAL 7038



RAL 8016



Information sticker

#### MOUNTING BRACKETS

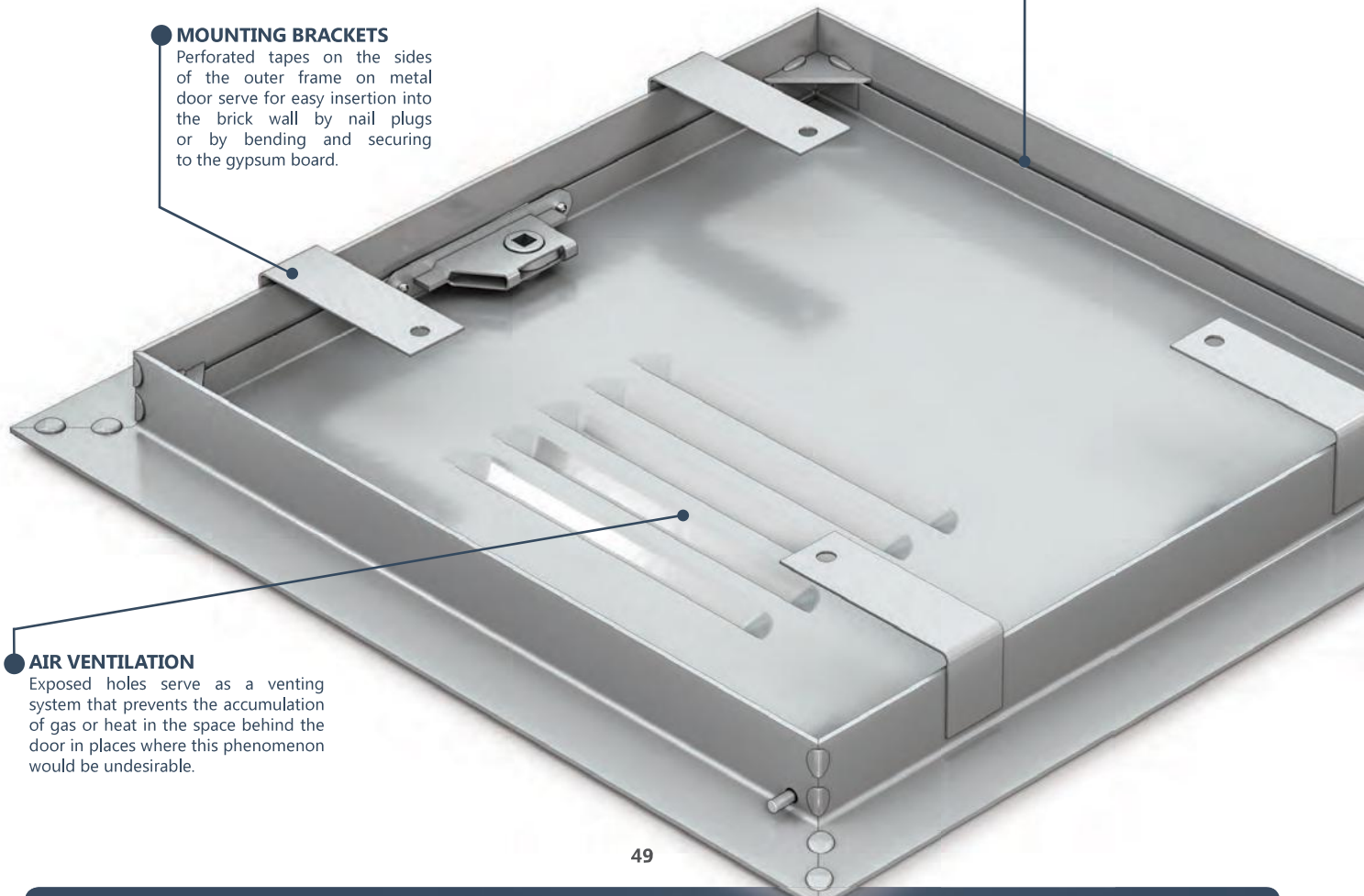
Perforated tapes on the sides of the outer frame on metal door serve for easy insertion into the brick wall by nail plugs or by bending and securing to the gypsum board.

#### WELDED FRAMES

The rigid joining of individual frames is made by TIG welding. This makes it possible to use any aluminum profile to produce different sizes and thicknesses.

#### AIR VENTILATION

Exposed holes serve as a venting system that prevents the accumulation of gas or heat in the space behind the door in places where this phenomenon would be undesirable.



# FIRE SHORTCUTS

explanatory notes

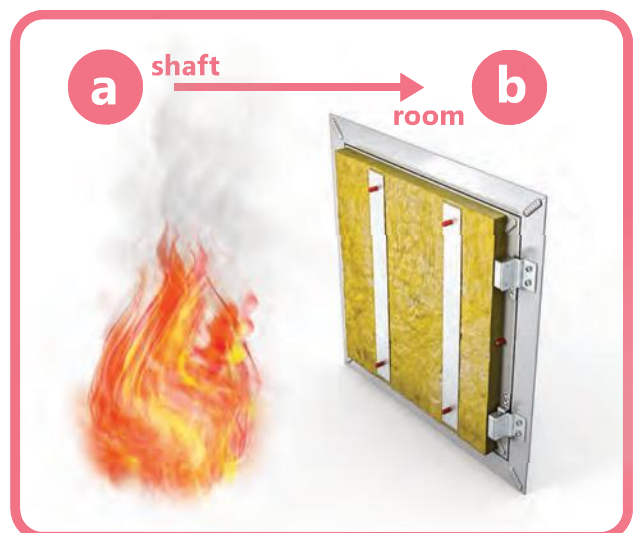
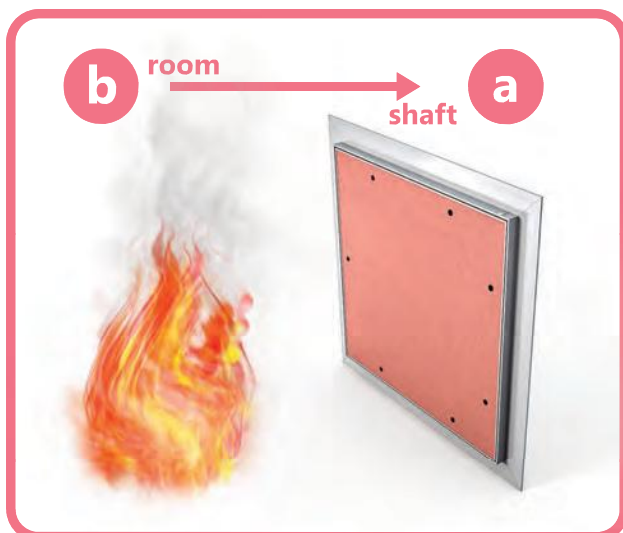
<b>b</b>	<b>Room</b> (opening towards the fire / side with hinges)
<b>a</b>	<b>Shaft</b> (opening away from the fire / side without hinges)
<b>E</b>	<b>Elntegrity</b>
<b>I</b>	Insulating ability - limited temperature on the non-heated surface
<b>W</b>	Insulating ability - limited heat radiation intensity
<b>EW</b>	<b>formerly PO</b> - fire resistant with measured radiation reduction
<b>EI</b>	<b>formerly PB</b> - fire cutting; temperature measured on the surface away from fire
<b>EI30</b>	The number 30 indicates fire resistance in minutes. This number can vary across types.

## Determined by the project:

<b>D1 (DP1)</b>	Composition of the construction: Metal, gypsum, masonry; they do not increase fire intensity during the required resistance time (They are made from only non-flammable components, or from flammable components if construction integrity and stability is not affected. They are entirely sealed by non-flammable construction to prevent catching fire or thermal release during the required time)
<b>D2 (DP2)</b>	Composition of the construction: Wood, plastic
<b>D3 (DP3)</b>	Composition of the construction: Flammable materials
<b>EI<sub>2</sub></b>	Fire resistance in the DP1 construction.
<b>EI<sub>1</sub></b>	Fire resistance in the DP2 and DP3 constructions.
<b>EW</b>	Fire resistance in the DP2 and DP3 constructions.

## WARNING:

Fire doors EI mounted in constructions DP1 meet insulation criteria I<sub>2</sub>. In other cases (DP2, DP3) the whole construction of the fire door meets insulation criteria I<sub>1</sub>.





WELDED ALUMINUM FIRE-RESISTANT DOORS

# PARTITION WALL 12.5 mm - EI30

push lock, fixed hinges, fire sealing, mineral wool

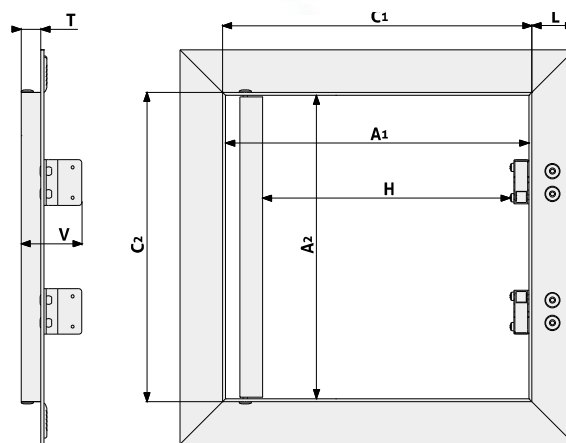
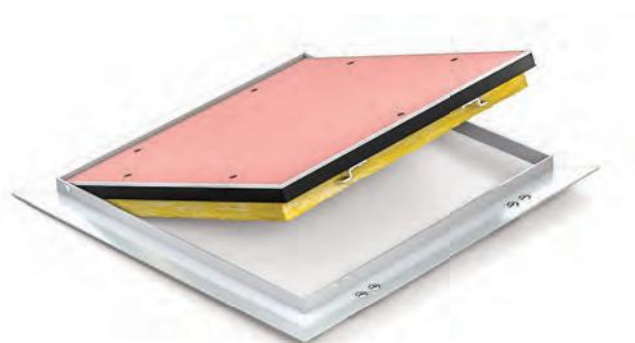
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws.

The main advantages of the model:

- **Welded frames**
- **Easily operated push-lock**
- **Certified fire resistance up to 30 minutes**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.



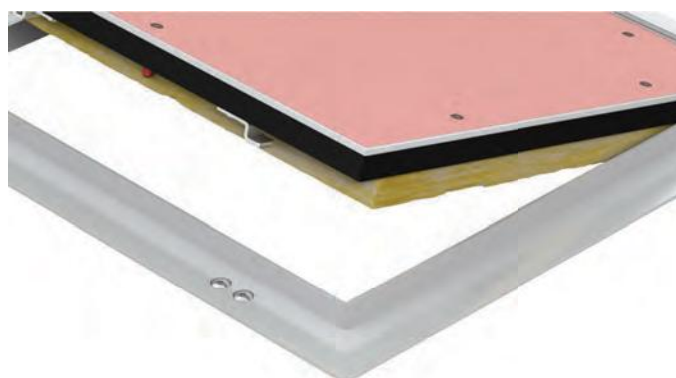
Certificate (number): 216/C5a/2015/0177/§5  
Certificate markings: RDHS

Direction	Insulation	Fire resistance			
		Integrity	DP1	DP2, DP3	Reduction
b -> a	wool	E45	EI <sub>2</sub> 30	EI <sub>1</sub> 30	EW45
a -> b	wool	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 30	EW45

Minimum size		Maximum size	
200 mm x 200 mm		600 mm x 800 mm	
Push	Fire	Partition	Tile

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-4786	RFS 200x200x12.5 GKF US EI30 partition wall	1,00 kg	204	204	28	162	200	13	41,5
TMD-4827	RFS 200x300x12.5 GKF US EI30 partition wall	1,31 kg	204	304	28	162	300	13	41,5
TMD-4787	RFS 300x300x12.5 GKF US EI30 partition wall	1,72 kg	304	304	28	262	300	13	41,5
TMD-2140	RFS 300x400x12.5 GKF US EI30 partition wall	2,13 kg	304	404	28	262	400	13	41,5
TMD-0764	RFS 300x600x12.5 GKF US EI30 partition wall	2,96 kg	304	604	28	262	600	13	41,5
TMD-4788	RFS 400x400x12.5 GKF US EI30 partition wall	2,65 kg	404	404	28	362	400	13	41,5
TMD-4993	RFS 400x600x12.5 GKF US EI30 partition wall	3,69 kg	404	604	28	362	600	13	41,5
TMD-4789	RFS 500x500x12.5 GKF US EI30 partition wall	3,80 kg	504	504	28	462	500	13	41,5
TMD-4790	RFS 600x600x12.5 GKF US EI30 partition wall	5,16 kg	604	604	28	562	600	13	41,5
TMD-4791	RFS 600x800x12.5 GKF US EI30 partition wall	6,63 kg	604	804	28	562	800	13	41,5



To reach the required fire resistance, the doors contain a 25 mm thick layer of mineral wool, which has density of 150 kg/m<sup>3</sup>.

The mineral wool is fixed with screws and metal holders mounted on the frame so as not to fall out by accident.

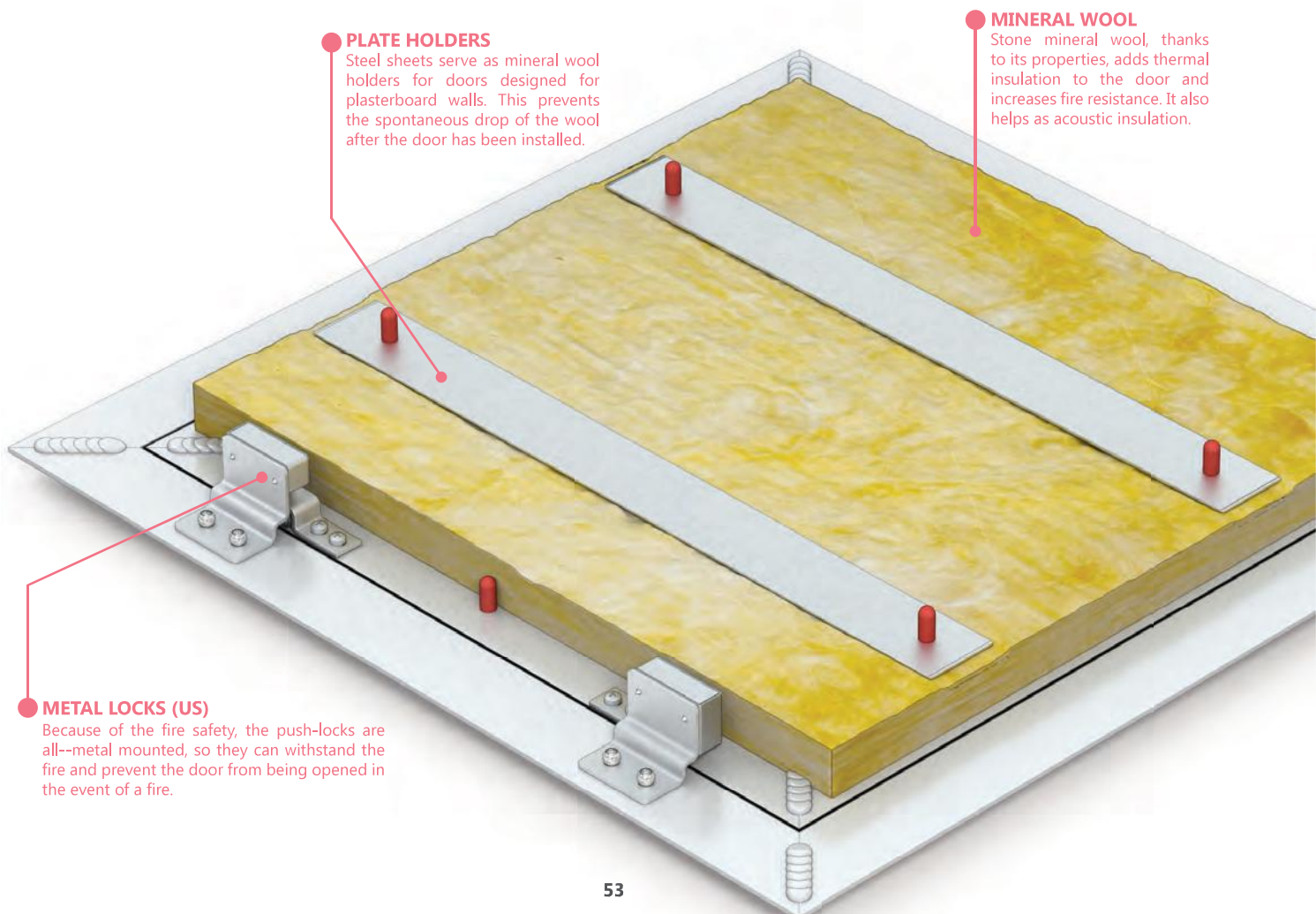
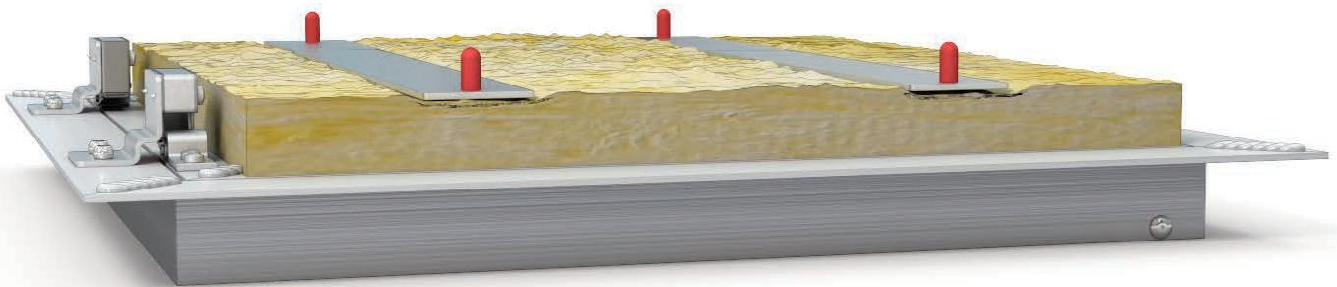
**Mineral wool type: ROCKWOOL Conlit 150P – thickness 25 mm**

Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant GKFi fire panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door.

Custom options:

- **Impregnated GKFi panel**
- **Safety chain**
- **Atypical dimensions**

The norm allows for wall doors an increase in edge size by 15% and increase in surface area by 20% from tested size (600 x 800 mm). Thus, the maximum door dimensions are 690x835 mm or 625x920 mm.



**PLATE HOLDERS**  
Steel sheets serve as mineral wool holders for doors designed for plasterboard walls. This prevents the spontaneous drop of the wool after the door has been installed.

**MINERAL WOOL**  
Stone mineral wool, thanks to its properties, adds thermal insulation to the door and increases fire resistance. It also helps as acoustic insulation.

**METAL LOCKS (US)**  
Because of the fire safety, the push-locks are all-metal mounted, so they can withstand the fire and prevent the door from being opened in the event of a fire.





WELDED ALUMINUM FIRE-RESISTANT DOORS

# PARTITION WALL 15 mm - EI20

push lock, fixed hinges, fire sealing

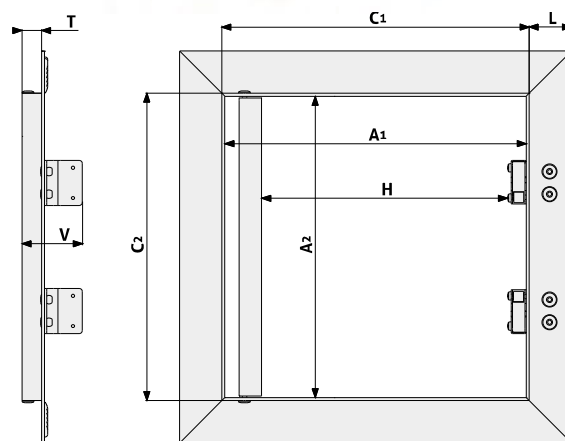
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws. Opening and closing the door is made possible with push-locks US.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Certified fire resistance up to 20 minutes
- Firmly attached inner frame

The doors meet requirements of 20-minute fire resistance without using mineral insulation. The norm allows maximum dimensions up to 690x835 mm, or 625x920 mm.



Certificate (number): 216/C5a/2015/0242/\$5  
Certificate markings: RDHS

Direction	Insulation	Fire resistance			
		Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E30	EI <sub>20</sub>	EI <sub>20</sub>	EW30

Minimum size		Maximum size	
200 mm x 200 mm		600 mm x 800 mm	
Push	Fire	Partition	Tile

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-4792	RFS 200x200x15 GKF US EI20 partition wall	1,12 kg	204	204	25	156	200	15,5	44
TMD-2462	RFS 200x300x15 GKF US EI20 partition wall	1,49 kg	204	304	25	156	300	15,5	44
TMD-4793	RFS 300x300x15 GKF US EI20 partition wall	1,99 kg	304	304	25	256	300	15,5	44
TMD-4932	RFS 300x400x15 GKF US EI20 partition wall	2,49 kg	304	404	25	256	400	15,5	44
TMD-4831	RFS 300x600x15 GKF US EI20 partition wall	3,50 kg	304	604	25	256	600	15,5	44
TMD-4794	RFS 400x400x15 GKF US EI20 partition wall	3,13 kg	404	404	25	356	400	15,5	44
TMD-3088	RFS 400x600x15 GKF US EI20 partition wall	4,41 kg	404	604	25	356	600	15,5	44
TMD-4795	RFS 500x500x15 GKF US EI20 partition wall	4,55 kg	504	504	25	456	500	15,5	44
TMD-4796	RFS 600x600x15 GKF US EI20 partition wall	6,24 kg	604	604	25	556	600	15,5	44
TMD-4797	RFS 600x800x15 GKF US EI20 partition wall	8,08 kg	604	804	25	556	800	15,5	44





WELDED ALUMINUM FIRE-RESISTANT DOORS

# PARTITION WALL 15 mm - EI30

push lock, fixed hinges, fire sealing, mineral wool

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

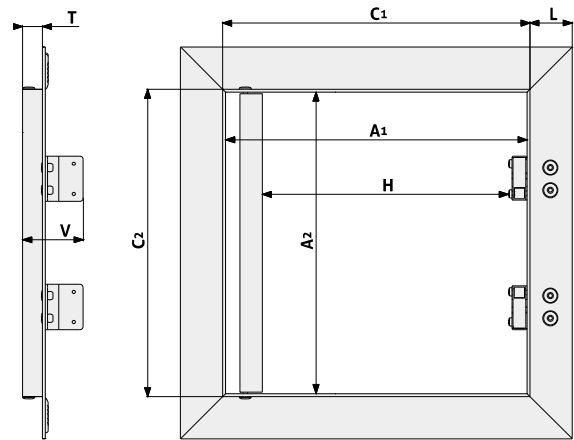
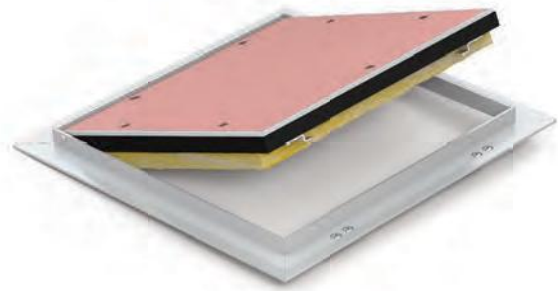
The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws. Opening and closing the door is made possible with push-locks US.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Certified fire resistance up to 30 minutes
- Firmly attached inner frame

Backside of the inner frame is covered with mineral wool.

The norm allows maximum dimensions up to 690x835 mm, or 625x920 mm.



Certificate (number): 216/C5a/2015/0177/§5  
Certificate markings: RDHS

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
a -> b	wool	E60	EI <sub>2</sub> 60	EI <sub>1</sub> 30	EW60
b -> a	wool	E30	EI <sub>2</sub> 30	EI <sub>1</sub> 30	EW30

Minimum size	Maximum size
200 mm x 200 mm	600 mm x 800 mm

Push

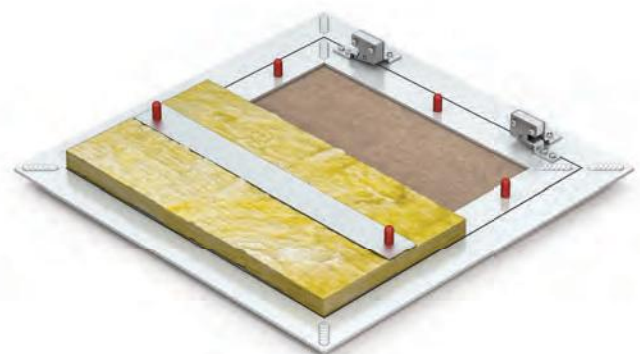
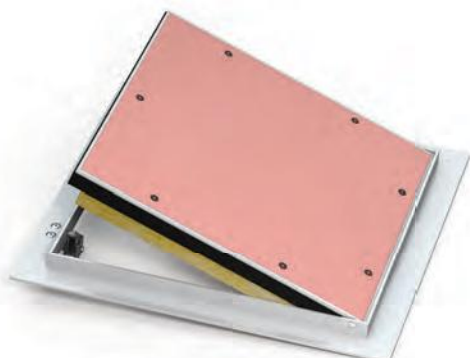
Fire

Partition

Tile

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-5321	RFS 200x200x15 GKF US EI30 partition wall	1,12 kg	204	204	25	156	200	15,5	44
TMD-5330	RFS 200x300x15 GKF US EI30 partition wall	1,49 kg	204	304	25	156	300	15,5	44
TMD-5322	RFS 300x300x15 GKF US EI30 partition wall	1,99 kg	304	304	25	256	300	15,5	44
TMD-5327	RFS 300x400x15 GKF US EI30 partition wall	2,49 kg	304	404	25	256	400	15,5	44
TMD-5328	RFS 300x600x15 GKF US EI30 partition wall	3,50 kg	304	604	25	256	600	15,5	44
TMD-5323	RFS 400x400x15 GKF US EI30 partition wall	3,13 kg	404	404	25	356	400	15,5	44
TMD-5329	RFS 400x600x15 GKF US EI30 partition wall	4,41 kg	404	604	25	356	600	15,5	44
TMD-5324	RFS 500x500x15 GKF US EI30 partition wall	4,55 kg	504	504	25	456	500	15,5	44
TMD-5325	RFS 600x600x15 GKF US EI30 partition wall	6,24 kg	604	604	25	556	600	15,5	44
TMD-5326	RFS 600x800x15 GKF US EI30 partition wall	8,08 kg	604	804	25	556	800	15,5	44





WELDED ALUMINUM FIRE-RESISTANT DOORS

# PARTITION WALL 25 mm - EI45

push lock, fixed hinges, fire sealing

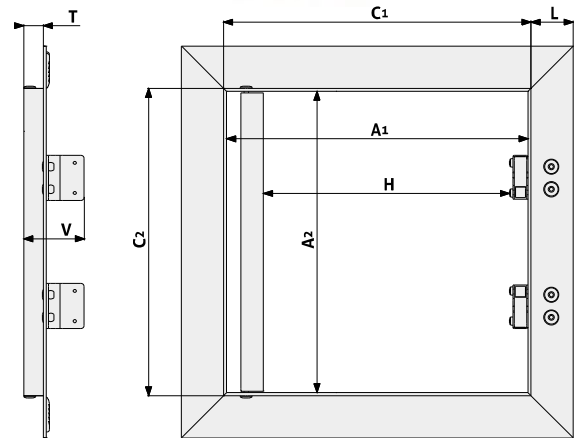
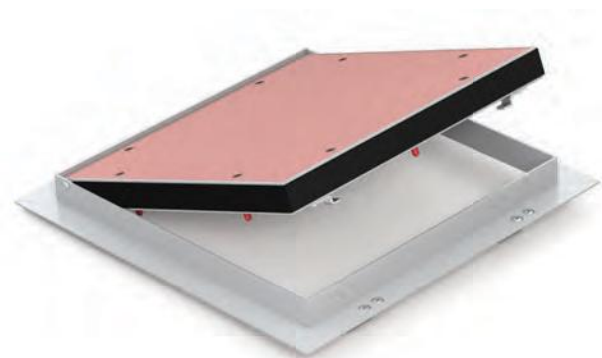
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws. Opening and closing the door is made possible with push-locks US.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Certified fire resistance up to 45 minutes
- Firmly attached inner frame

The doors meet requirements of 45-minute fire resistance without using mineral insulation. The norm allows maximum dimensions up to 690x835 mm, or 625x920 mm.



Certificate (number): 216/C5a/2015/0111/O/§5  
Certificate markings: RDHS

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 30	EW45

Minimum size		Maximum size	
200 mm x 200 mm		600 mm x 800 mm	
Push	Fire	Partition	Tile

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-4727	RFS 200x200x25 GKF US EI45 partition wall	1,52 kg	204	204	25,5	148	200	25,5	54
TMD-2517	RFS 200x300x25 GKF US EI45 partition wall	2,06 kg	204	304	25,5	148	300	25,5	54
TMD-4728	RFS 300x300x25 GKF US EI45 partition wall	2,82 kg	304	304	25,5	248	300	25,5	54
TMD-4816	RFS 300x400x25 GKF US EI45 partition wall	3,57 kg	304	404	25,5	248	400	25,5	54
TMD-1688	RFS 300x600x25 GKF US EI45 partition wall	5,09 kg	304	604	25,5	248	600	25,5	54
TMD-4729	RFS 400x400x25 GKF US EI45 partition wall	4,54 kg	404	404	25,5	348	400	25,5	54
TMD-4857	RFS 400x600x25 GKF US EI45 partition wall	6,48 kg	404	604	25,5	348	600	25,5	54
TMD-4730	RFS 500x500x25 GKF US EI45 partition wall	6,70 kg	504	504	25,5	448	500	25,5	54
TMD-4732	RFS 600x600x25 GKF US EI45 partition wall	9,28 kg	604	604	25,5	548	600	25,5	54
TMD-4731	RFS 600x800x25 GKF US EI45 partition wall	12,08 kg	604	804	25,5	548	800	25,5	54





WELDED ALUMINUM FIRE-RESISTANT DOORS

# PARTITION WALL 25 mm - EI60

push lock, fixed hinges, fire sealing, mineral wool

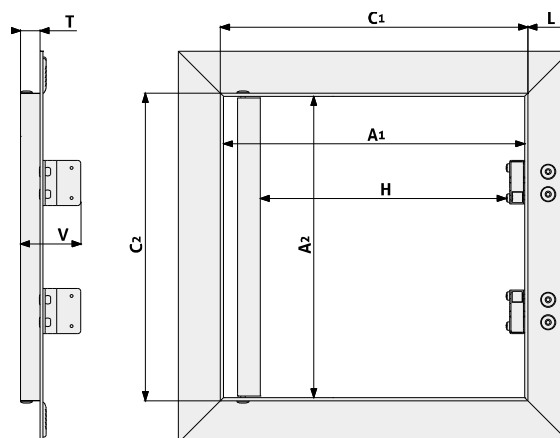
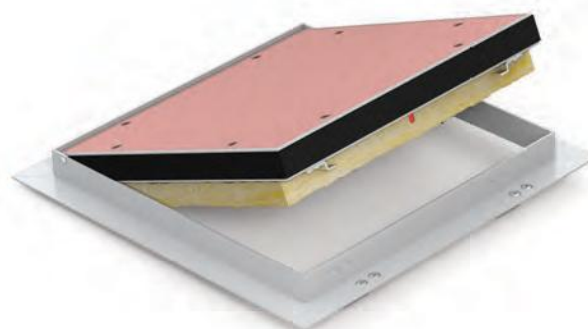
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws. Opening and closing the door is made possible with push-locks US.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Certified fire resistance up to 60 minutes
- Firmly attached inner frame

Backside of the inner frame is covered with mineral wool. The norm allows maximum dimensions up to 690x835 mm, or 625x920 mm.



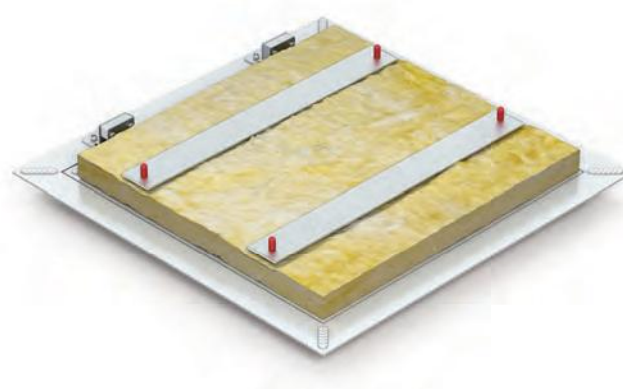
Certificate (number): 216/C5a/2015/0177/\$5  
Certificate markings: RDHS

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
a -> b	wool	E60	EI <sub>2</sub> 60	EI <sub>1</sub> 30	EW60
b -> a	wool	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 45	EW45

Minimum size		Maximum size	
200 mm x 200 mm		600 mm x 800 mm	
Push	Fire	Partition	Tile

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-5332	RFS 200x200x25 GKF US EI60 partition wall	1,52 kg	204	204	25,5	148	200	25,5	54
TMD-5331	RFS 200x300x25 GKF US EI60 partition wall	2,06 kg	204	304	25,5	148	300	25,5	54
TMD-5333	RFS 300x300x25 GKF US EI60 partition wall	2,82 kg	304	304	25,5	248	300	25,5	54
TMD-5334	RFS 300x400x25 GKF US EI60 partition wall	3,57 kg	304	404	25,5	248	400	25,5	54
TMD-5335	RFS 300x600x25 GKF US EI60 partition wall	5,09 kg	304	604	25,5	248	600	25,5	54
TMD-5337	RFS 400x400x25 GKF US EI60 partition wall	4,54 kg	404	404	25,5	348	400	25,5	54
TMD-5336	RFS 400x600x25 GKF US EI60 partition wall	6,48 kg	404	604	25,5	348	600	25,5	54
TMD-5338	RFS 500x500x25 GKF US EI60 partition wall	6,70 kg	504	504	25,5	448	500	25,5	54
TMD-5339	RFS 600x600x25 GKF US EI60 partition wall	9,28 kg	604	604	25,5	548	600	25,5	54
TMD-5340	RFS 600x800x25 GKF US EI60 partition wall	12,08 kg	604	804	25,5	548	800	25,5	54





WELDED ALUMINUM FIRE-RESISTANT DOORS

# CEILING 15 mm - EI30

push lock, fixed hinges, fire sealing, mineral wool

The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

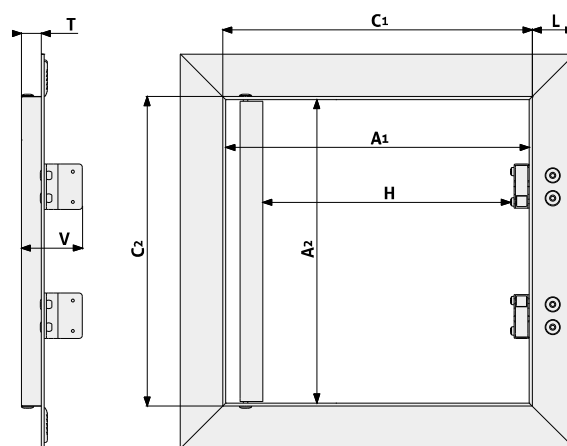
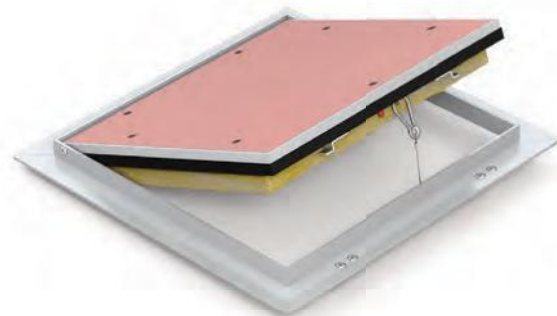
The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws.

The main advantages of the model:

- **Welded frames**
- **Easily operated push-lock**
- **Certified fire resistance up to 30 minutes**
- **Safety chain included**
- **Firmly attached inner frame**

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.

To increase safety the doors are equipped with a safety chain, which prevents the doors from falling out by accident.



Certificate (number): 216/C5a/2016/0012/O/55  
Certificate markings: SKHS

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	wool	E30	EI <sub>2,30</sub>	EI <sub>1,30</sub>	EW30

Minimum size	Maximum size
200 mm x 200 mm	600 mm x 800 mm

Push

Fire

Ceiling

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-4938	RFS 200x200x15 GKF US EI30 ceiling	1,12 kg	204	204	25	156	200	15,5	44
TMD-1351	RFS 200x300x15 GKF US EI30 ceiling	1,49 kg	204	304	25	156	300	15,5	44
TMD-4939	RFS 300x300x15 GKF US EI30 ceiling	1,99 kg	304	304	25	256	300	15,5	44
TMD-2381	RFS 300x400x15 GKF US EI30 ceiling	2,49 kg	304	404	25	256	400	15,5	44
TMD-1872	RFS 300x600x15 GKF US EI30 ceiling	3,50 kg	304	604	25	256	600	15,5	44
TMD-4940	RFS 400x400x15 GKF US EI30 ceiling	3,13 kg	404	404	25	356	400	15,5	44
TMD-0881	RFS 400x600x15 GKF US EI30 ceiling	4,41 kg	404	604	25	356	600	15,5	44
TMD-4941	RFS 500x500x15 GKF US EI30 ceiling	4,55 kg	504	504	25	456	500	15,5	44
TMD-4942	RFS 600x600x15 GKF US EI30 ceiling	6,24 kg	604	604	25	556	600	15,5	44
TMD-4943	RFS 600x800x15 GKF US EI30 ceiling	8,08 kg	604	804	25	556	800	15,5	44



To reach the required fire resistance, the doors must be fitted with a 25 mm thick layer of mineral wool of density 150 kg/m<sup>3</sup> after mounting on the drywall ceiling.

It is possible to simply lay the wool onto the mounted door. Attaching is not required.

**Mineral wool is not included in the package, but it can be purchased upon request.**  
**Mineral wool type: ROCKWOOL Conlit 150P – thickness 25 mm.**

Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant GKFi fire panel, which contains an impregnation layer.

Custom options:

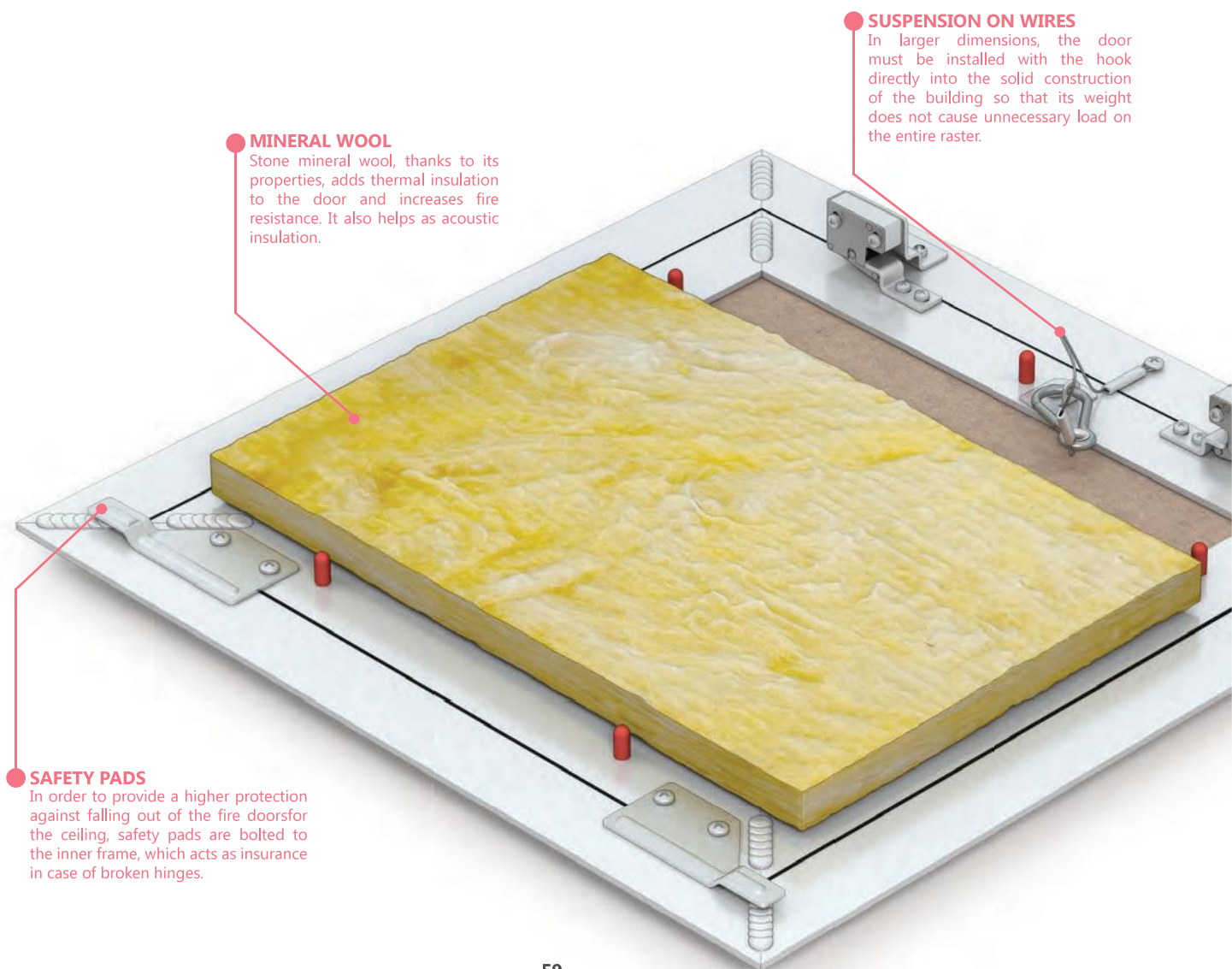
- **Impregnated GKFi panel**
- **Atypical dimensions**
- **Optional mineral wool included**

The atypical dimensions cannot exceed maximum volume of 48 dm<sup>2</sup>. It is not possible to increase dimensions freely from tested dimension (600 x 800 mm) as for wall doors.

**Version of ceiling doors with the outer frame 12,5 mm thick and the inner frame 15 mm thick.**

*Red board GKF – fire resistant*

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-5345	RFS 200x200x12.5/15 GKF US EI30 ceiling	1,12 kg	204	204	25	156	200	13	44
TMD-5346	RFS 300x300x12.5/15 GKF US EI30 ceiling	1,49 kg	204	304	25	156	300	13	44
TMD-5347	RFS 400x400x12.5/15 GKF US EI30 ceiling	1,99 kg	304	304	25	256	300	13	44
TMD-5348	RFS 500x500x12.5/15 GKF US EI30 ceiling	2,49 kg	304	404	25	256	400	13	44
TMD-5349	RFS 600x600x12.5/15 GKF US EI30 ceiling	3,50 kg	304	604	25	256	600	13	44
TMD-5350	RFS 600x800x12.5/15 GKF US EI30 ceiling	3,13 kg	404	404	25	356	400	13	44



**MINERAL WOOL**  
 Stone mineral wool, thanks to its properties, adds thermal insulation to the door and increases fire resistance. It also helps as acoustic insulation.

**SUSPENSION ON WIRES**  
 In larger dimensions, the door must be installed with the hook directly into the solid construction of the building so that its weight does not cause unnecessary load on the entire raster.

**SAFETY PADS**  
 In order to provide a higher protection against falling out of the fire doors for the ceiling, safety pads are bolted to the inner frame, which acts as insurance in case of broken hinges.



WELDED ALUMINUM FIRE-RESISTANT DOORS

# CEILING 25 mm - EI45

push lock, fixed hinges, fire sealing, mineral wool

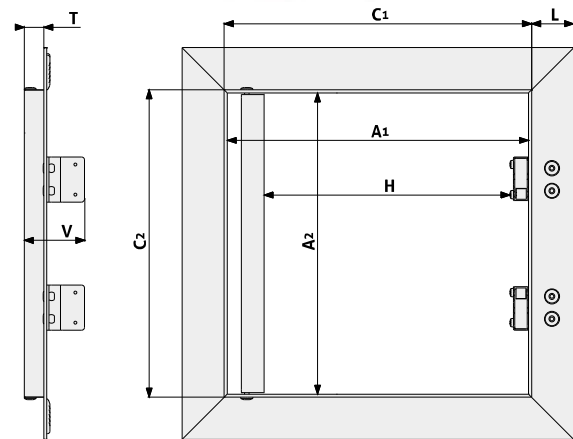
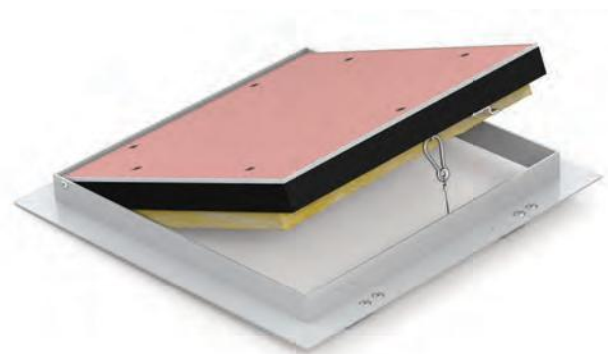
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws. The opening and closing is made possible by push-locks US.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Certified fire resistance up to 45 minutes
- Safety chain included
- Firmly attached inner frame

To assure the proper installation according to the certificate, it is important to follow the rules, as listed with the previous model (see page 59).



Certificate (number): 216/C5a/2016/0012/O/55  
Certificate markings: SKHS

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	wool	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 45	EW45

Minimum size	Maximum size
200 mm x 200 mm	600 mm x 800 mm

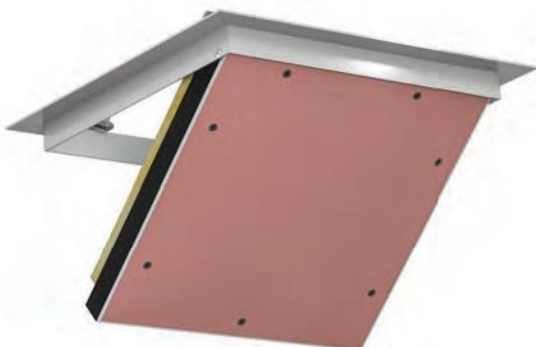
Push

Fire

Ceiling

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole	Height		
			C1	C2	L	H	A2	T	V
TMD-5005	RFS 200x200x25 GKF US EI45 ceiling	1,52 kg	204	204	25,5	148	200	25,5	54
TMD-1401	RFS 200x300x25 GKF US EI45 ceiling	2,06 kg	204	304	25,5	148	300	25,5	54
TMD-5004	RFS 300x300x25 GKF US EI45 ceiling	2,82 kg	304	304	25,5	248	300	25,5	54
TMD-2864	RFS 300x400x25 GKF US EI45 ceiling	3,57 kg	304	404	25,5	248	400	25,5	54
TMD-1242	RFS 300x600x25 GKF US EI45 ceiling	5,09 kg	304	604	25,5	248	600	25,5	54
TMD-5003	RFS 400x400x25 GKF US EI45 ceiling	4,54 kg	404	404	25,5	348	400	25,5	54
TMD-5060	RFS 400x600x25 GKF US EI45 ceiling	6,48 kg	404	604	25,5	348	600	25,5	54
TMD-5002	RFS 500x500x25 GKF US EI45 ceiling	6,70 kg	504	504	25,5	448	500	25,5	54
TMD-5001	RFS 600x600x25 GKF US EI45 ceiling	9,28 kg	604	604	25,5	548	600	25,5	54
TMD-4949	RFS 600x800x25 GKF US EI45 ceiling	12,08 kg	604	804	25,5	548	800	25,5	54





WELDED ALUMINIUM FIRE-RESISTANT DOORS

# CEILING 30 mm - EI60

push lock, fixed hinges, fire sealing, mineral wool

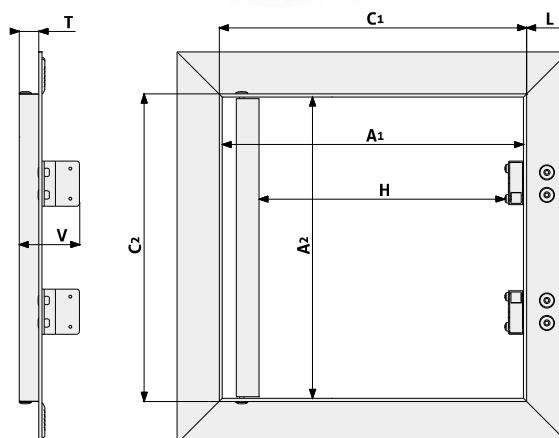
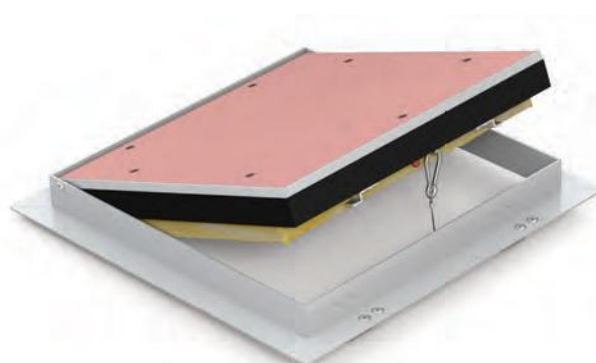
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening of the doors when needed.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws. The opening and closing is made possible by push-locks US.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Certified fire resistance up to 60 minutes
- Safety chain included
- Firmly attached inner frame

To assure the proper installation according to the certificate, it is important to follow the rules, as listed with the previous model (see page 59).



Certificate (number): 216/C5a/2016/0012/O/§5  
Certificate markings: SKHS

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	wool	E60	EI,60	EI,60	EW60

Minimum size	Maximum size
200 mm x 200 mm	600 mm x 800 mm

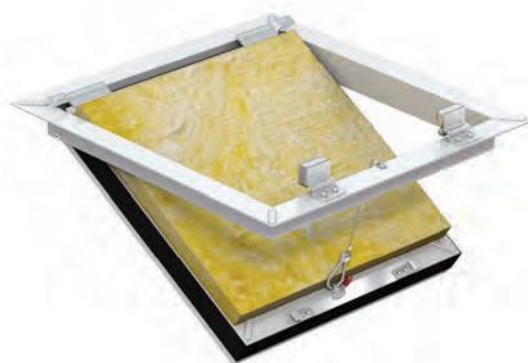
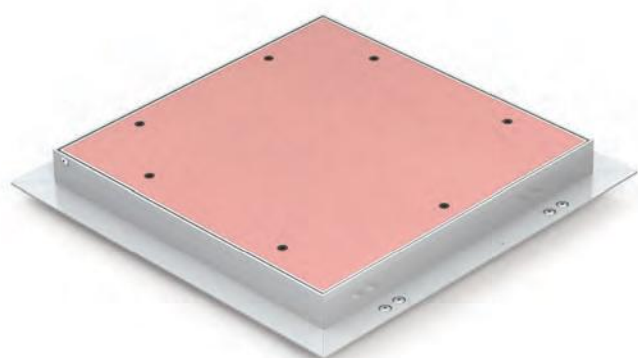
Push

Fire

Ceiling

Red board GKF – fire resistant

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H	A2	T	V
TMD-2164	RFS 200x200x30 GKF US EI60 ceiling	1,80 kg	204	204	30	143	200	25	57
TMD-2612	RFS 200x300x30 GKF US EI60 ceiling	2,48 kg	204	304	30	143	300	25	57
TMD-3310	RFS 300x300x30 GKF US EI60 ceiling	3,43 kg	304	304	30	243	300	25	57
TMD-2601	RFS 300x400x30 GKF US EI60 ceiling	4,38 kg	304	404	30	243	400	25	57
TMD-1223	RFS 300x600x30 GKF US EI60 ceiling	6,28 kg	304	604	30	243	600	25	57
TMD-3311	RFS 400x400x30 GKF US EI60 ceiling	5,60 kg	404	404	30	343	400	25	57
TMD-1267	RFS 400x600x30 GKF US EI60 ceiling	8,05 kg	404	604	30	343	600	25	57
TMD-4289	RFS 500x500x30 GKF US EI60 ceiling	8,33 kg	504	504	30	443	500	25	57
TMD-1784	RFS 600x600x30 GKF US EI60 ceiling	11,60 kg	604	604	30	543	600	25	57
TMD-1722	RFS 600x800x30 GKF US EI60 ceiling	15,15 kg	604	804	30	543	800	25	57







WELDED ALUMINUM FIRE-RESISTANT DOORS

# BRICK WALL 15 mm - EI20

push lock, fixed hinges, fire sealing

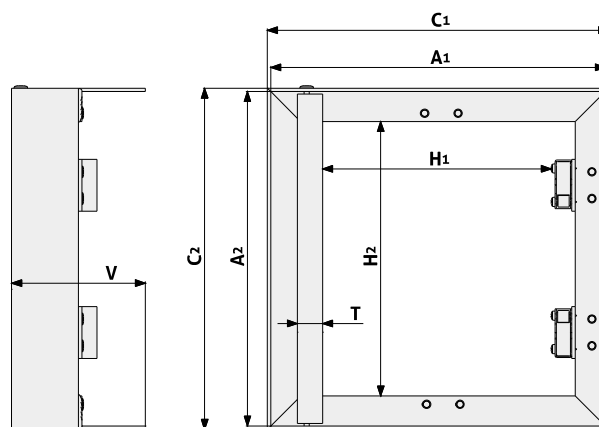
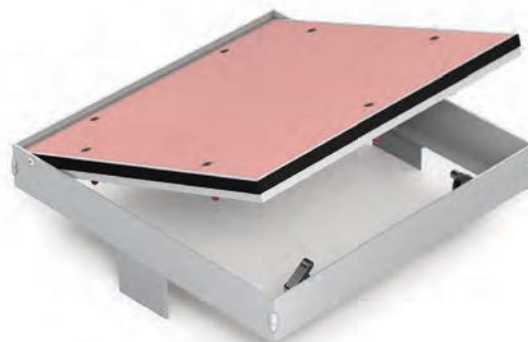
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening the doors when needed.

The outer frame contains additional mounting elements. The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Outer frame tailored for brick wall
- Certified fire resistance up to 20 minutes
- Firmly attached inner frame

Comfortable opening and closing is made possible with push-locks US located in the outer frame. Pressing the door panel in the place where the lock is located makes the latch open and close.



Certificate (number): 216/C5a/2015/0242/\$5  
Certificate markings: RDHZ

Direction	Insulation	Fire resistance			
		Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E30	EI <sub>2</sub> 20	EI <sub>1</sub> 20	EW30
a -> b	-	E30	EI <sub>2</sub> 20	EI <sub>1</sub> 20	EW30

Minimum size		Maximum size	
200 mm x 200 mm		600 mm x 800 mm	
Push	Fire	Masonry	Tile

Red board GKF – fire resistant

Order no.	Article name (C1 x C2)	Weight	A1	A2	Pure manhole		Height	
					H1	H2	T	V
TMD-4798	RFS 200x200x15 GKF US EI20 masonry	1,19 kg	196	196	132	159	15	80
TMD-2409	RFS 200x300x15 GKF US EI20 masonry	1,57 kg	196	296	132	259	15	80
TMD-4799	RFS 300x300x15 GKF US EI20 masonry	2,09 kg	296	296	232	259	15	80
TMD-1593	RFS 300x400x15 GKF US EI20 masonry	2,61 kg	296	396	232	359	15	80
TMD-1039	RFS 300x600x15 GKF US EI20 masonry	3,65 kg	296	596	232	559	15	80
TMD-4800	RFS 400x400x15 GKF US EI20 masonry	3,27 kg	396	396	332	359	15	80
TMD-2901	RFS 400x600x15 GKF US EI20 masonry	4,58 kg	396	596	332	559	15	80
TMD-4801	RFS 500x500x15 GKF US EI20 masonry	4,72 kg	496	496	432	459	15	80
TMD-4802	RFS 600x600x15 GKF US EI20 masonry	6,45 kg	596	596	532	559	15	80
TMD-4803	RFS 600x800x15 GKF US EI20 masonry	8,32 kg	596	796	532	759	15	80



Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant red panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling, hiding the aluminium frame and creating the so-called invisible door (*More info on page 76*).

Custom options:

- **Impregnated GKFi panel**
- **Atypical dimensions**

The atypical dimensions cannot exceed maximum volume of 48 dm<sup>3</sup>.



**FIRE SEALING**

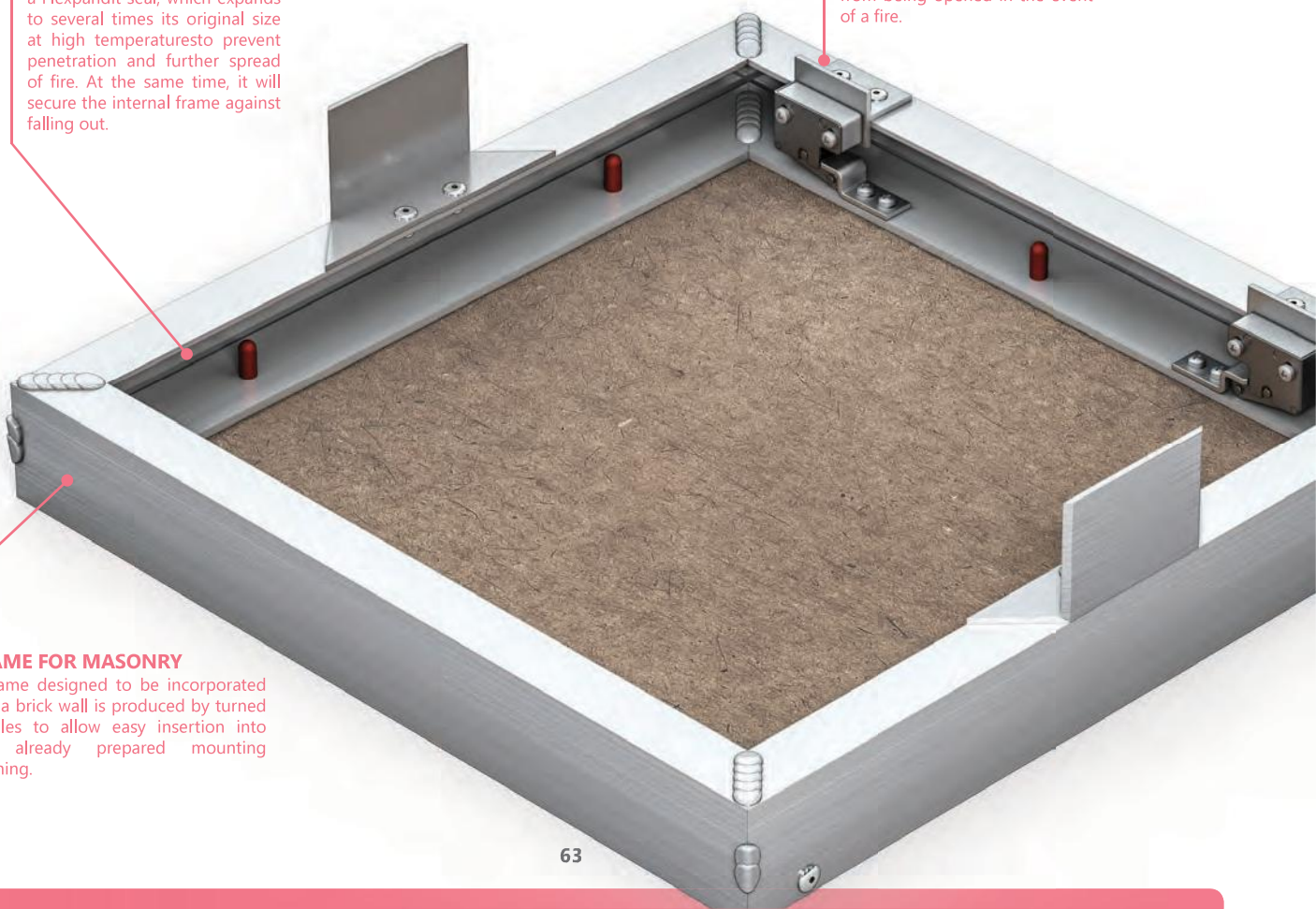
Each fire door is equipped with a Flexpandit seal, which expands to several times its original size at high temperature to prevent penetration and further spread of fire. At the same time, it will secure the internal frame against falling out.

**METAL LOCKS (US)**

Because of the fire safety, the push-locks are all-metal mounted, so they can withstand the fire and prevent the door from being opened in the event of a fire.

**FRAME FOR MASONRY**

A frame designed to be incorporated into a brick wall is produced by turned profiles to allow easy insertion into the already prepared mounting opening.





WELDED ALUMINUM FIRE-RESISTANT DOORS

# BRICK WALL 25 mm - EI45

push lock, fixed hinges, fire sealing

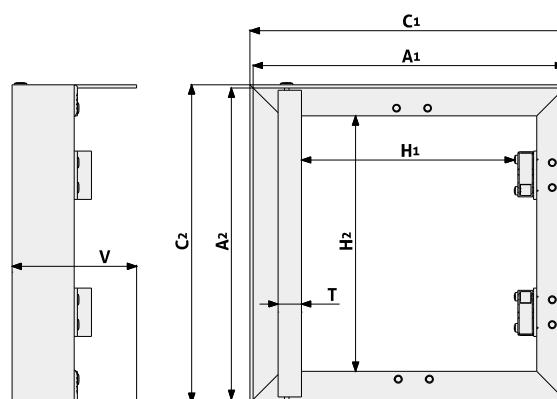
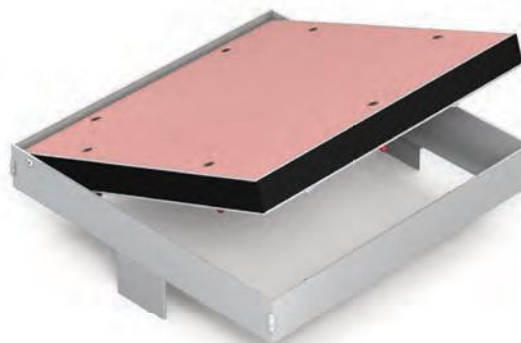
The doors are manufactured from aluminium profiles welded together to form the inner and the outer frame. The complete set is connected with fixed hinges to allow opening the doors when needed.

The outer frame contains additional mounting elements. The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with a red panel mounted with screws. The opening and closing is made possible by push-locks US.

The main advantages of the model:

- Welded frames
- Easily operated push-lock
- Outer frame tailored for brick wall
- Certified fire resistance up to 45 minutes
- Firmly attached inner frame

Atypical dimensions and other custom options same as the previous version (see page 63).



Certificate (number): 216/C5a/2015/0111/O/\$5  
Certificate markings: RDHZ

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 30	EW45
a -> b	-	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 30	EW45

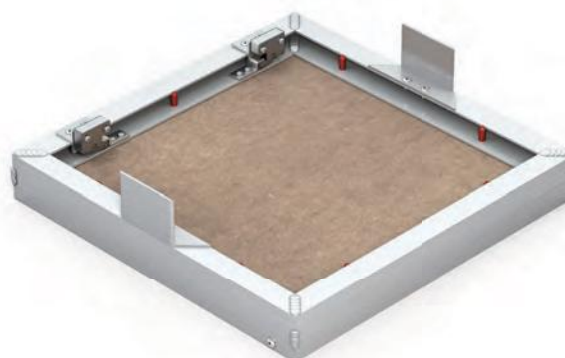
Minimum size	Maximum size
200 mm x 200 mm	600 mm x 800 mm

Push	Fire	Masonry	Tile

Red board GKF – fire resistant

Order no.	Article name (C1 x C2)	Weight	Pure manhole				Height	
			A1	A2	H1	H2	T	V
TMD-4736	RFS 200x200x25 GKF US EI45 masonry	1,53 kg	196	196	125	159	25	80
TMD-1721	RFS 200x300x25 GKF US EI45 masonry	2,08 kg	196	296	125	259	25	80
TMD-4737	RFS 300x300x25 GKF US EI45 masonry	2,84 kg	296	296	225	259	25	80
TMD-3169	RFS 300x400x25 GKF US EI45 masonry	3,60 kg	296	396	225	359	25	80
TMD-5125	RFS 300x600x25 GKF US EI45 masonry	5,12 kg	296	596	225	559	25	80
TMD-4738	RFS 400x400x25 GKF US EI45 masonry	4,58 kg	396	396	325	359	25	80
TMD-4950	RFS 400x600x25 GKF US EI45 masonry	6,53 kg	396	596	325	559	25	80
TMD-4739	RFS 500x500x25 GKF US EI45 masonry	6,74 kg	496	496	425	459	25	80
TMD-4740	RFS 600x600x25 GKF US EI45 masonry	9,33 kg	596	596	525	559	25	80
TMD-4741	RFS 600x800x25 GKF US EI45 masonry	12,14 kg	596	796	525	759	25	80





SHEET METAL FIRE-RESISTANT DOORS

# PARTITION / BRICK WALL - EI45

square key lock, removable, fire sealing, metal frame

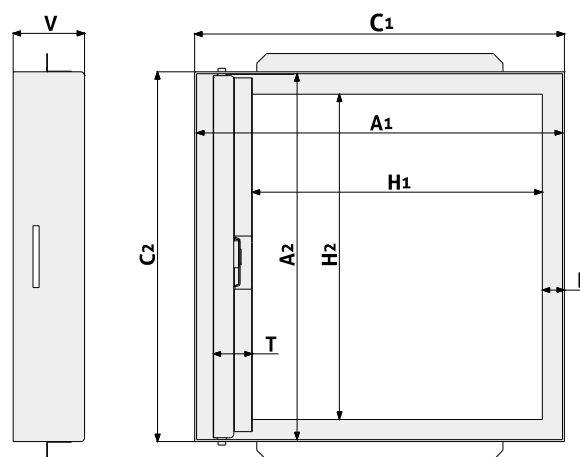
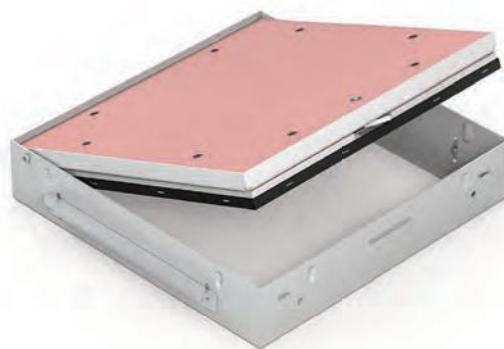
The doors are manufactured from 1,5 mm thick steel sheet. The inner and the outer frame are produced by bending and welding the metal. The complete set is connected using removable hinges and allows the door to be removed from the frame if required.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with 2x15 mm thick red panel mounted with screws.

The main advantages of the model:

- Steel frames
- Universal model for both gypsum and brick wall
- Secured lock
- White powder coating
- Certified fire resistance up to 45 minutes
- Detachable inner frame enlarging the opening

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.



Certificate (number): 204/C5a/2014/080-018680  
Certificate markings: D3PSD / D3POV

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 30	EW30
a -> b	-	E45	EI <sub>2</sub> 45	EI <sub>1</sub> 30	EW30

Minimum size		Maximum size	
300 mm x 300 mm		700 mm x 700 mm	
Square	Fire	Partition	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-4674	RFP 300x300 KL EI45, metal, wall	4,73 kg	304	304	16,5	238	263	31	62
TMD-4757	RFP 300x600 KL EI45, metal, wall	8,36 kg	304	604	16,5	238	563	31	62
TMD-4675	RFP 400x400 KL EI45, metal, wall	7,48 kg	404	404	16,5	338	363	31	62
TMD-4676	RFP 500x500 KL EI45, metal, wall	10,60 kg	504	504	16,5	438	463	31	62
TMD-4677	RFP 600x600 KL EI45, metal, wall	15,09 kg	604	604	16,5	538	563	31	62
TMD-4678	RFP 700x700 KL EI45, metal, wall	19,92 kg	704	704	16,5	638	763	31	62



Maximum size of single door is 700x700 mm. It is possible to change aspect ratio as long as the volume does not exceed 49 dm<sup>3</sup>. Larger dimensions can be achieved using the double door version with maximum size of 850x1200 mm.

Another version of this model is filled with just one 15 mm thick GKFi panel. Ceramic tiling can be used to fill the place of the second panel.

The doors are supplied with 4 L-profiles to be screwed into the outer frame, allowing the door to be mounted into gypsum wall of thickness from 12,5 mm to 36 mm. These profiles are not required for mounting into brick wall.

Custom options:

- Ready for tiling
- Atypical dimensions
- Double door version



#### METAL SHEET FRAME

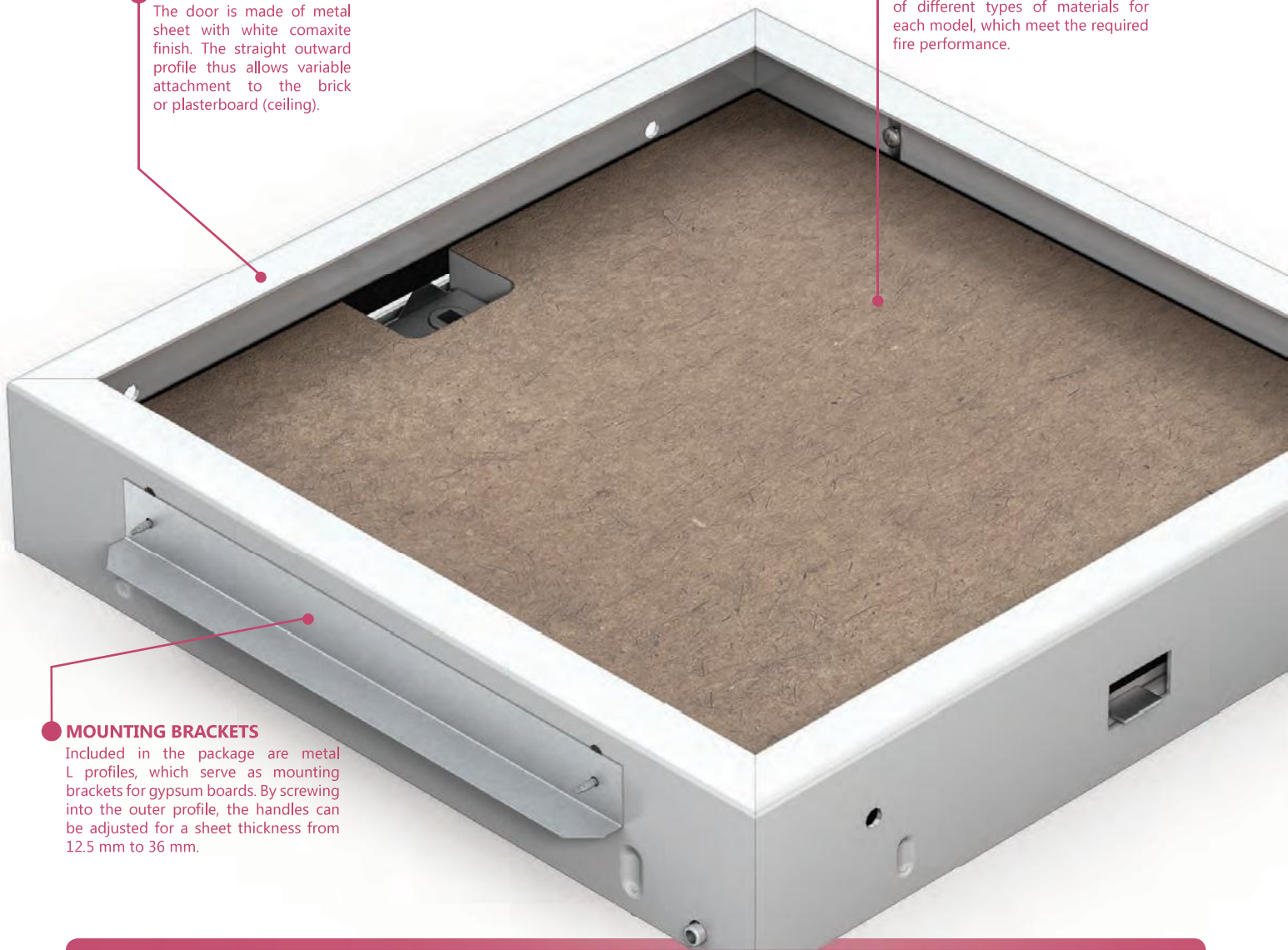
The door is made of metal sheet with white comaxite finish. The straight outward profile thus allows variable attachment to the brick or plasterboard (ceiling).

#### VARIABLE FILLING

The interior frame filler is composed of different types of materials for each model, which meet the required fire performance.

#### MOUNTING BRACKETS

Included in the package are metal L profiles, which serve as mounting brackets for gypsum boards. By screwing into the outer profile, the handles can be adjusted for a sheet thickness from 12.5 mm to 36 mm.





SHEET METAL FIRE-RESISTANT DOORS

# PARTITION / BRICK WALL - EI60

square key lock, removable, fire sealing, metal frame

The doors are manufactured from 1,5 mm thick steel sheet. The inner and the outer frame are produced by bending and welding the metal. The complete set is connected using removable hinges and allows the door to be removed from the frame if required.

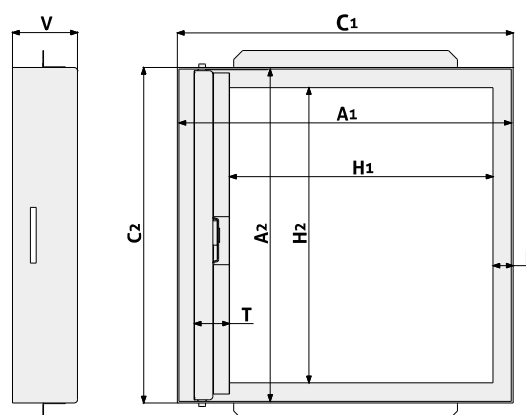
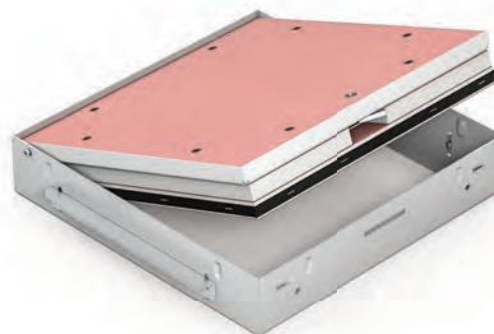
The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with 3x15 mm thick red panel (or 2x GKF panel + Thermax panel) mounted with screws.

The main advantages of the model:

- Steel frames
- Universal model for both gypsum and brick wall
- Secured lock
- White powder coating
- Certified fire resistance up to 60 minutes
- Detachable inner frame enlarging the opening

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

Atypical dimensions and other custom options same as the previous version (see page 67).

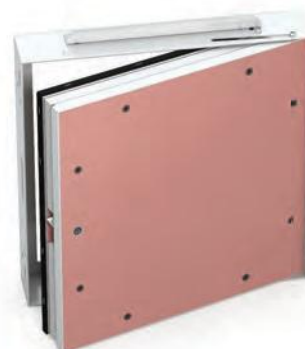
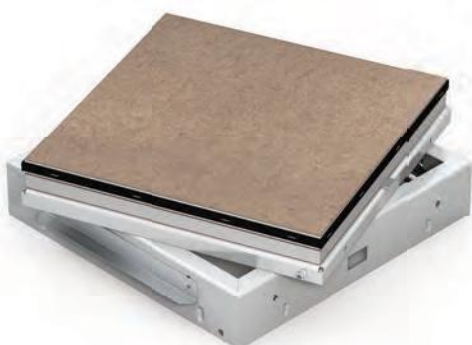


Certificate (number): 204/C5a/2014/080-018686  
Certificate markings: D4POV / D4PSD

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E60	EI <sub>2</sub> 60	EI <sub>1</sub> 45	EW60
a -> b	-	E60	EI <sub>2</sub> 60	EI <sub>1</sub> 45	EW60

Minimum size		Maximum size		
300 mm x 300 mm		700 mm x 700 mm		
Square	Fire	Partition	Tile	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-4679	RFP 300x300 GKF KL EI60, metal, wall	5,90 kg	304	304	16,5	223	263	46	62
TMD-4680	RFP 400x400 GKF KL EI60, metal, wall	9,56 kg	404	404	16,5	323	363	46	62
TMD-4681	RFP 500x500 GKF KL EI60, metal, wall	13,72 kg	504	504	16,5	423	463	46	62
TMD-4682	RFP 600x600 GKF KL EI60, metal, wall	19,77 kg	604	604	16,5	523	563	46	62
TMD-4683	RFP 700x700 GKF KL EI60, metal, wall	26,29 kg	704	704	16,5	623	763	46	62





SHEET METAL FIRE-RESISTANT DOORS

# CEILING - EI45

square key lock, removable, fire sealing, metal frame

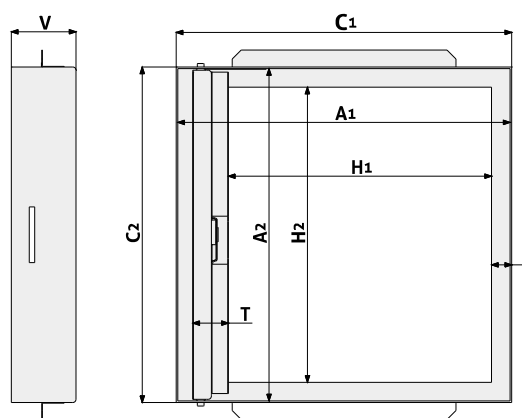
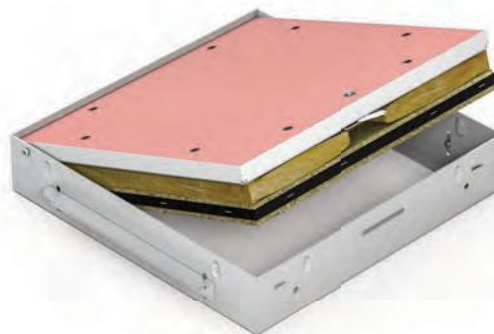
The doors are manufactured from 1,5 mm thick steel sheet. The inner and the outer frame are produced by bending and welding the metal. The complete set is connected using removable hinges and allows the door to be removed from the frame if required.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with 1x15 mm thick red panel, Rockwool mineral wool and 1x20 mm thick Thermax panel mounted with screws.

The main advantages of the model:

- Steel frames
- Secured lock
- White powder coating
- Certified fire resistance up to 45 minutes
- Detachable inner frame enlarging the opening

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

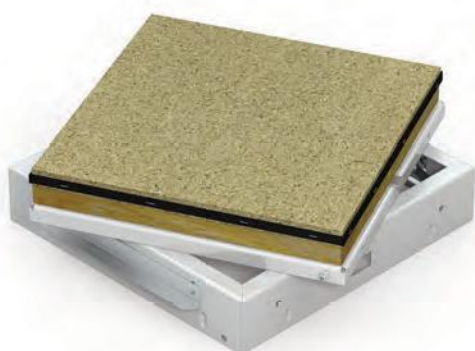


Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E60	EI <sub>2</sub> 45	EI <sub>1</sub> 45	EW60
a -> b	-	E90	EI <sub>2</sub> 90	EI <sub>1</sub> 90	EW90

Minimum size	Maximum size
300 mm x 300 mm	700 mm x 700 mm
Square	Fire
Ceiling	

Certificate (number): 204/C5a/2016/080-018665  
Certificate markings: D3S-S

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-4655	RFP 300x300 GKF KL EI45, metal, ceiling	3,48 kg	304	304	16,5	213	263	56	57
TMD-4659	RFP 400x400 GKF KL EI45, metal, ceiling	5,51 kg	404	404	16,5	313	363	56	57
TMD-5071	RFP 400x600 GKF KL EI45, metal, ceiling	7,70 kg	404	604	16,5	313	563	56	57
TMD-4660	RFP 500x500 GKF KL EI45, metal, ceiling	7,92 kg	504	504	16,5	413	463	56	57
TMD-4661	RFP 600x600 GKF KL EI45, metal, ceiling	10,78 kg	604	604	16,5	513	563	56	57
TMD-4662	RFP 700x700 GKF KL EI45, metal, ceiling	14,09 kg	704	704	16,5	613	763	56	57



# CEILING - EI60

square key lock, removable, fire sealing, metal frame



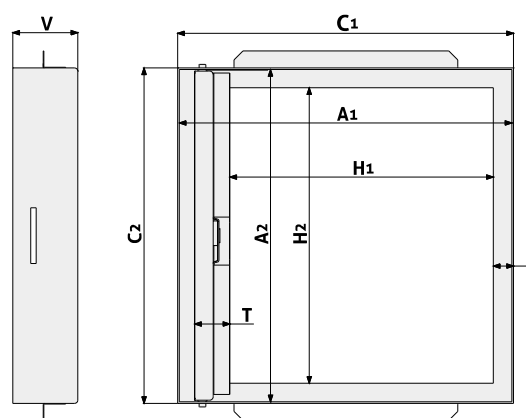
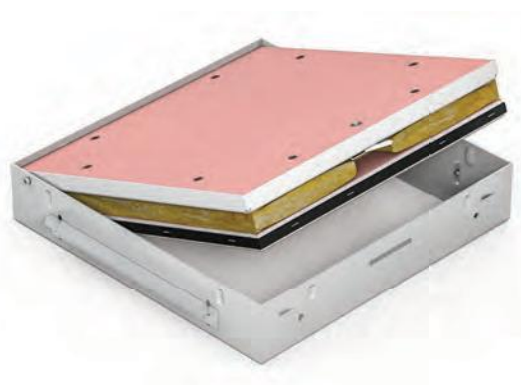
The doors are manufactured from 1,5 mm thick steel sheet. The inner and the outer frame are produced by bending and welding the metal. The complete set is connected using removable hinges and allows the door to be removed from the frame if required.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with 2x15 mm thick red panel and 1x20 mm thick layer of Rockwool mineral wool mounted with screws.

The main advantages of the model:




- Steel frames
- Secured lock
- White powder coating
- Certified fire resistance up to 60 minutes
- Detachable inner frame enlarging the opening

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

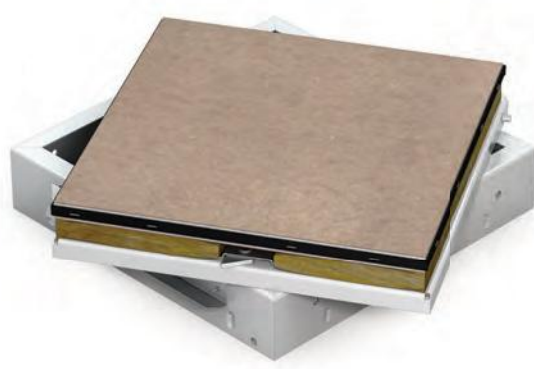


Certificate (number): 204/C5a/2016/080-018668  
Certificate markings: D2S-S

Direction	Insulation	Fire resistance			Reduction
		Integrity	DP1	DP2, DP3	
b -> a	-	E60	EI <sub>2</sub> 60	EI <sub>1</sub> 60	EW60
a -> b	-	E90	EI <sub>2</sub> 90	EI <sub>1</sub> 90	EW90

Minimum size	Maximum size
300 mm x 300 mm	700 mm x 700 mm
 Square	 Fire
	 Ceiling

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole			Height	
			C1	C2	L	H1	H2	T	V	
TMD-4663	RFP 300x300 GKF KL EI60, metal, ceiling	4,55 kg	304	304	16,5	218	263	51	57	
TMD-4664	RFP 400x400 GKF KL EI60, metal, ceiling	7,41 kg	404	404	16,5	318	363	51	57	
TMD-4665	RFP 500x500 GKF KL EI60, metal, ceiling	10,90 kg	504	504	16,5	418	463	51	57	
TMD-4666	RFP 600x600 GKF KL EI60, metal, ceiling	15,07 kg	604	604	16,5	518	563	51	57	
TMD-4667	RFP 700x700 GKF KL EI60, metal, ceiling	19,93 kg	704	704	16,5	618	763	51	57	







## SHEET METAL FIRE-RESISTANT DOORS CEILING - EI120

square key lock, removable, fire seling, metal frame

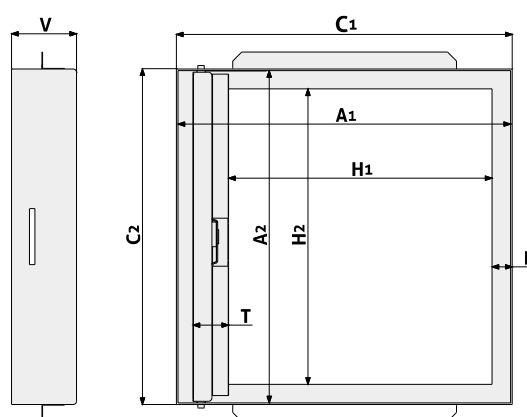
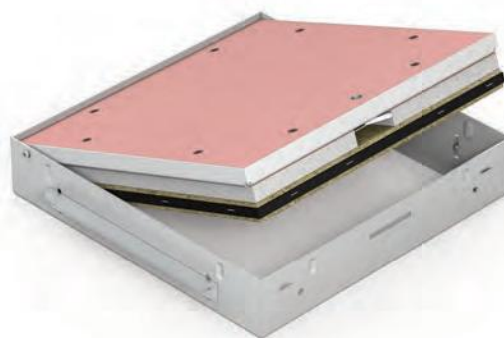
The doors are manufactured from 1,5 mm thick steel sheet. The inner and the outer frame are produced by bending and welding the metal. The complete set is connected using removable hinges and allows the door to be removed from the frame if required.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The door is filled with 1x15 mm thick red panel and 1x20 mm thick Thermax panel mounted with screws.




The main advantages of the model:

- Steel frames
- Secured lock
- White powder coating
- Certified fire resistance up to 120 minutes
- Detachable inner frame enlarging the opening

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

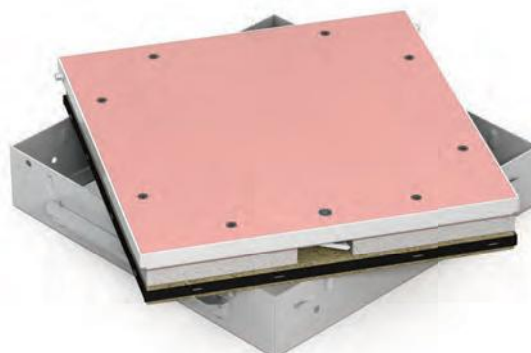


Direction	Insulation	Fire resistance			Reduction
		Integrity	DP1	DP2, DP3	
a -> b	-	E90	EI <sub>2</sub> 90	EI <sub>1</sub> 90	EW90
b -> a	-	E120	EI <sub>2</sub> 120	EI <sub>1</sub> 120	EW120

Minimum size	Maximum size
300 mm x 300 mm	700 mm x 700 mm
 Square	 Fire
	 Ceiling

Certificate (number): 204/C5a/2014/080-018674  
Certificate markings: D5S-S

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole		Height	
			C1	C2	L	H1	H2	T	V
TMD-4668	RFP 300x300 GKF KL EI120, metal, ceiling	3,38 kg	304	304	16,5	213	263	51	57
TMD-4669	RFP 400x400 GKF KL EI120, metal, ceiling	5,33 kg	404	404	16,5	313	363	51	57
TMD-4670	RFP 500x500 GKF KL EI120, metal, ceiling	7,64 kg	504	504	16,5	413	463	51	57
TMD-4671	RFP 600x600 GKF KL EI120, metal, ceiling	10,38 kg	604	604	16,5	513	563	51	57
TMD-4672	RFP 700x700 GKF KL EI120, metal, ceiling	13,54 kg	704	704	16,5	613	763	51	57





SHEET METAL FIRE-RESISTANT DOORS

# METAL FACE FOR WALL - EI45

square key lock, removable, fire sealing, metal frame and face

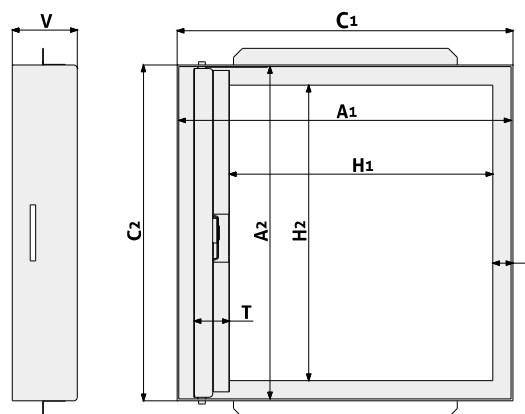
The doors are made from steel sheet, bent and welded to form the inner and the outer frame. The complete set is connected using removable hinges and allows the door to be removed from the frame if required.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The face of the door is made of coated sheet metal, plus 1x15 mm thick red fire panel and a 20 mm thick layer of Steprock mineral wool (or a Thermax panel) mounted with screws.

The main advantages of the model:

- Steel frames
- Universal model for both gypsum and brick wall
- Secured lock
- Coated sheet metal face
- Certified fire resistance up to 45 minutes
- Detachable inner frame enlarging the opening

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.



Certificate (number): 204/C5a/2014/080-018677  
Certificate markings: D2PPD

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E60	EI <sub>2</sub> 45	EI <sub>1</sub> 30	EW60
a -> b	-	E90	EI <sub>2</sub> 30	EI <sub>1</sub> 30	EW60

Minimum size		Maximum size	
300 mm x 300 mm		700 mm x 700 mm	
Square	Fire	Partition	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole			Height	
			C1	C2	L	H1	H2	T	V	
TMD-5014-Z	RFP 300x300 KL EI45, metal face, wall	6,29 kg	304	304	16,5	233	263	36	62	
TMD-5015-Z	RFP 400x400 KL EI45, metal face, wall	9,90 kg	404	404	16,5	33	363	36	62	
TMD-5016-Z	RFP 500x500 KL EI45, metal face, wall	14,12 kg	504	504	16,5	433	463	36	62	
TMD-5017-Z	RFP 600x600 KL EI45, metal face, wall	19,13 kg	604	604	16,5	533	563	36	62	
TMD-5018-Z	RFP 700x700 KL EI45, metal face, wall	24,82 kg	704	704	16,5	633	763	36	62	



The doors are supplied with 4 L-profiles to be screwed into the outer frame, allowing the door to be mounted into gypsum wall of thickness from 12,5 mm to 36 mm. These profiles are not required for mounting into brick shaft.

Custom options:

- **Atypical dimensions**
- **Double door version**

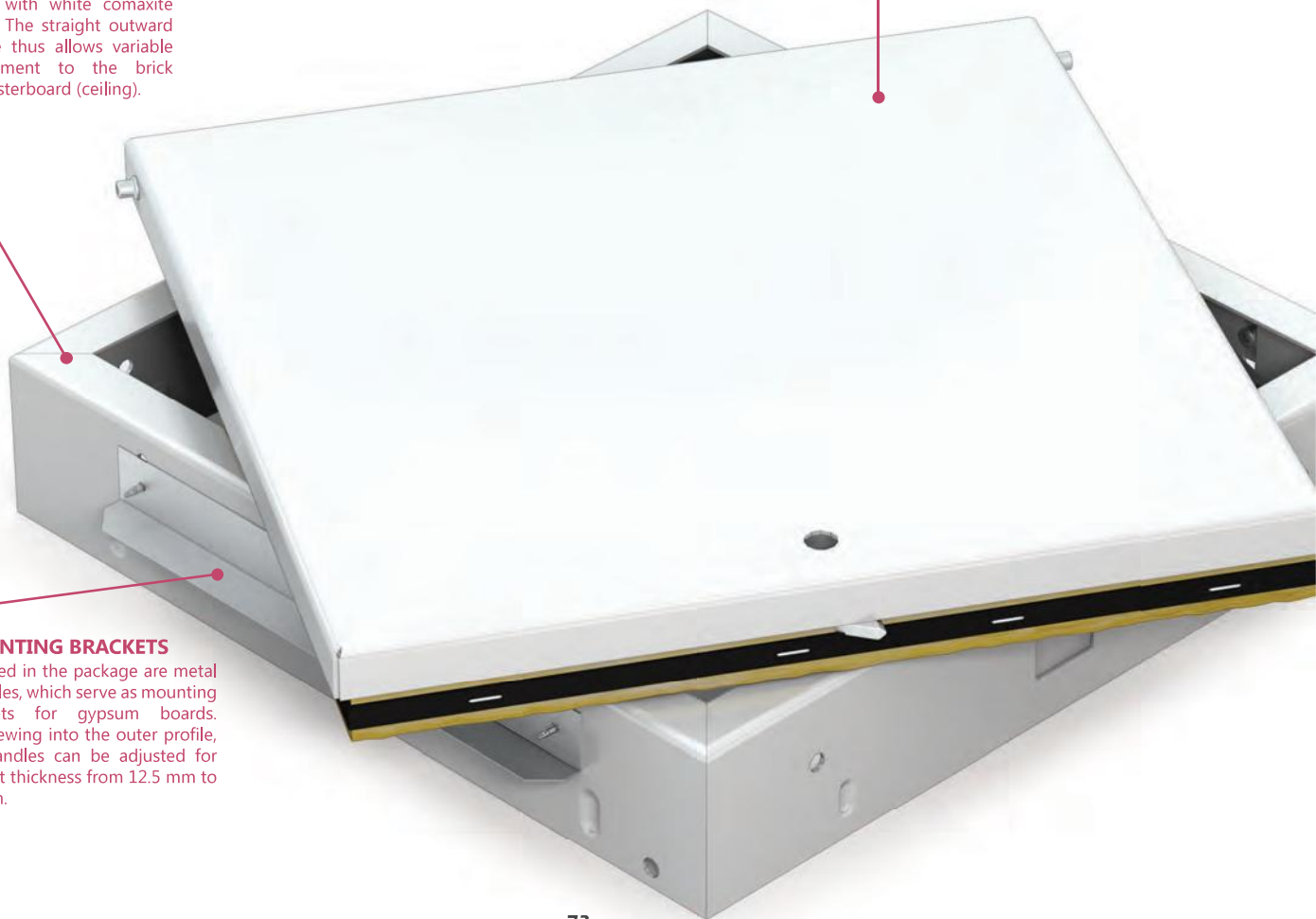
Possible edge size for single door version is 300 – 700 mm. Larger sizes can be achieved using the double door version; the maximum size is 850x1200 mm with EI30 fire resistance level.



**METAL SHEET FRAME**  
The door is made of metal sheet with white comaxite finish. The straight outward profile thus allows variable attachment to the brick or plasterboard (ceiling).

**PAINTED WING**  
The inner door lid is made of a steel sheet with white comaxite finish, which enhances the aesthetic look of the built-in door.

**MOUNTING BRACKETS**  
Included in the package are metal L profiles, which serve as mounting brackets for gypsum boards. By screwing into the outer profile, the handles can be adjusted for a sheet thickness from 12.5 mm to 36 mm.





SHEET METAL FIRE-RESISTANT DOORS

# METAL FACE FOR WALL - EI60

square key lock, removable, fire sealing, metal frame and face

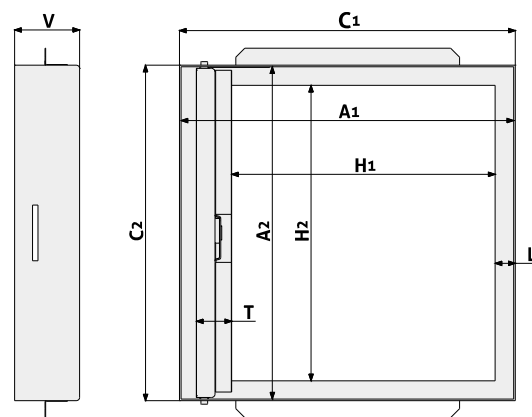
The doors are made from steel sheet, bent and welded to form the inner and the outer frame. The complete set is connected using removable hinges and allows the door to be removed from the frame if required.

The inner frame contains fire seal, which expands to several times its original size at high temperatures and thus does not allow fire to pass through. The face of the door is made of coated sheet metal, plus 1x15 mm thick red fire panel and a 20 mm thick layer of Steprock mineral wool (or a Thermax panel) mounted with screws.

The main advantages of the model:

- Steel frames
- Universal model for both gypsum and brick wall
- Secured lock
- Coated sheet metal face
- Certified fire resistance up to 60 minutes
- Detachable inner frame enlarging the opening

Opening and closing is enabled by rotating a plastic square key inside the slot in the inner frame, which then opens the lock. The key is included.

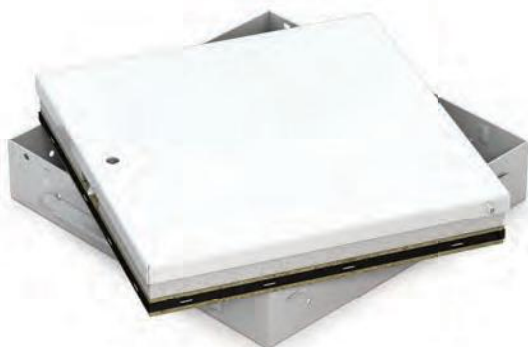


Certificate (number): 204/C5a/2014/080-018683  
Certificate markings: D4PPD

Fire resistance					
Direction	Insulation	Integrity	DP1	DP2, DP3	Reduction
b -> a	-	E90	EI <sub>2</sub> 60	EI <sub>1</sub> 45	EW60

Minimum size		Maximum size	
300 mm x 300 mm		700 mm x 700 mm	
Square	Fire	Partition	Masonry

Order no.	Article name (A1 x A2)	Weight	Installation size			Pure manhole			Height	
			C1	C2	L	H1	H2	T	V	
TMD-3567-Z	RFP 300x300 KL EI60, metal face, wall	4,70 kg	304	304	16,5	233	263	51	62	
TMD-5011-Z	RFP 400x400 KL EI60, metal face, wall	7,80 kg	404	404	16,5	333	363	51	62	
TMD-5012-Z	RFP 500x500 KL EI60, metal face, wall	11,60 kg	504	504	16,5	433	463	51	62	
TMD-4327-Z	RFP 600x600 KL EI60, metal face, wall	16,20 kg	604	604	16,5	533	563	51	62	
TMD-5013-Z	RFP 700x700 KL EI60, metal face, wall	21,50 kg	704	704	16,5	633	763	51	62	



INFORMATION

# TILE OVER THE FRAME

*invisible doors*

Rooms with higher air humidity, like bathrooms or wet rooms, require using the more resistant green panel, which contains an impregnation layer. These doors can also be used for gluing on ceramic tiling.

Upon customer request, most inspection doors can be altered (offsetting the hinges) during the production, so that the attached tiling is able to hide the aluminium frame while still allowing the door to be opened flawlessly. This hides the doors completely and does not interrupt the seamless tiling aesthetics.

The detachable doors have no hinges to be offset, thus the standard version can be used for tiling.

To assure the correct dimensions, it is essential to state the tile and adhesive thickness in the order. If these are not stated, the doors are manufactured for 8 mm tile and 2 mm adhesive.

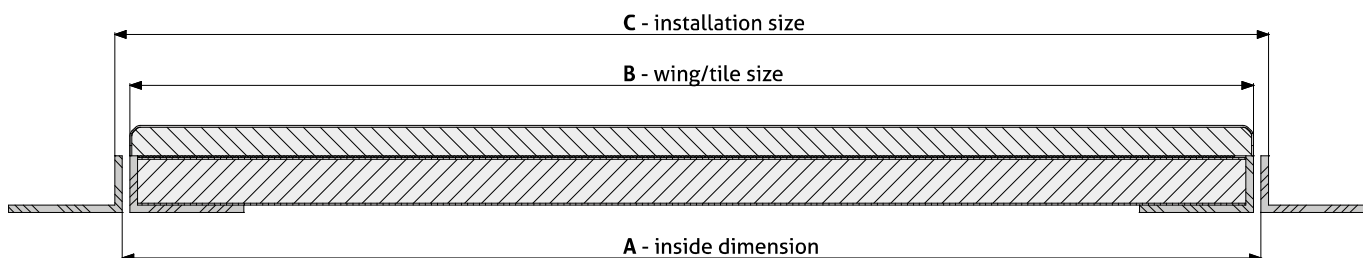
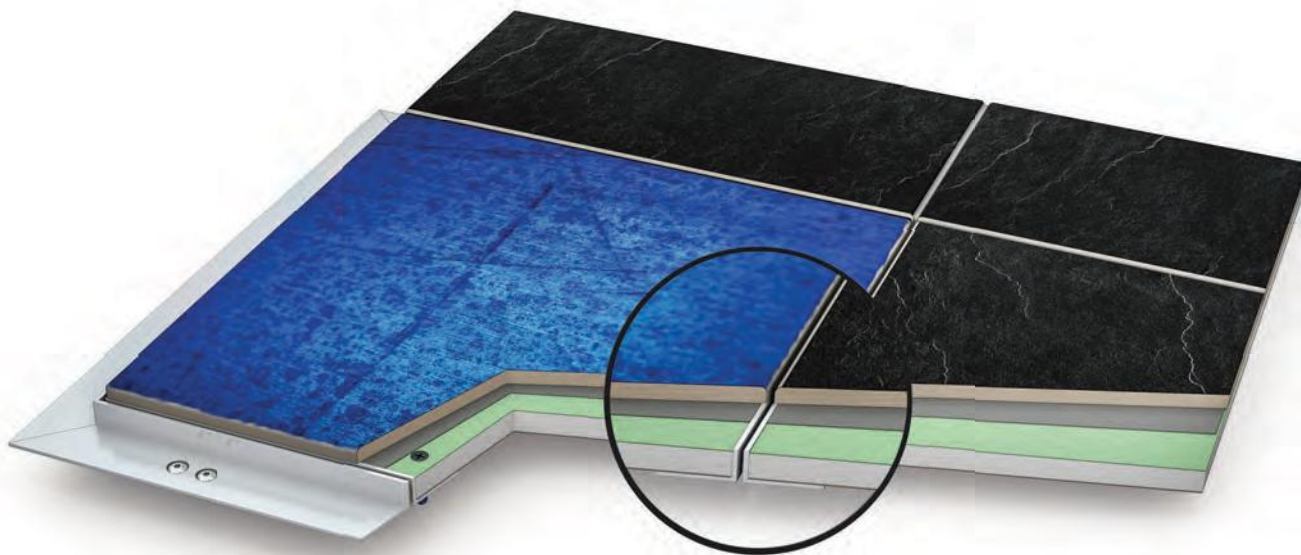
Offsetting the hinge significantly decreases the access opening.



*Reduction of pure manhole in mm*

Tile	Classic 12.5	Classic 25	Air-tight	Masonry
8 mm	56	83	69	91
9 mm	74	-	87	-
10 mm	84	94	97	98
11 mm	92	-	105	-
12 mm	99	107	112	-
13 mm	105	-	118	-

The standard gap between the inner and the outer frame is 2 mm, so that it corresponds with the gap between tiles.



INFORMATION

# TILE INSIDE THE FRAME

*visible frame*

One way of gluing the ceramic tile to the door is to embed it into the inner aluminium frame. This makes the frame visible – admitted.

The standard gap between the inner and the outer frame is 1.5 mm, so that the difference between dimensions C and E is max 5.5 mm.

While measuring, it is important to know, which dimension is needed. Even though the gap between the profiles is as small as possible, cutting some of the tiles is inevitable. That is why we recommend locating the dimension C and alter the tile inside the inner frame.

To assure the correct dimensions, it is essential to state the tile and adhesive thickness, and the correct dimension in the order. If these are not stated, the doors are manufactured for 8 mm tile, 2 mm adhesive and the dimension E.

As with the “over-the-frame” version, it is possible to produce doors for both gypsum wall and brick wall.

