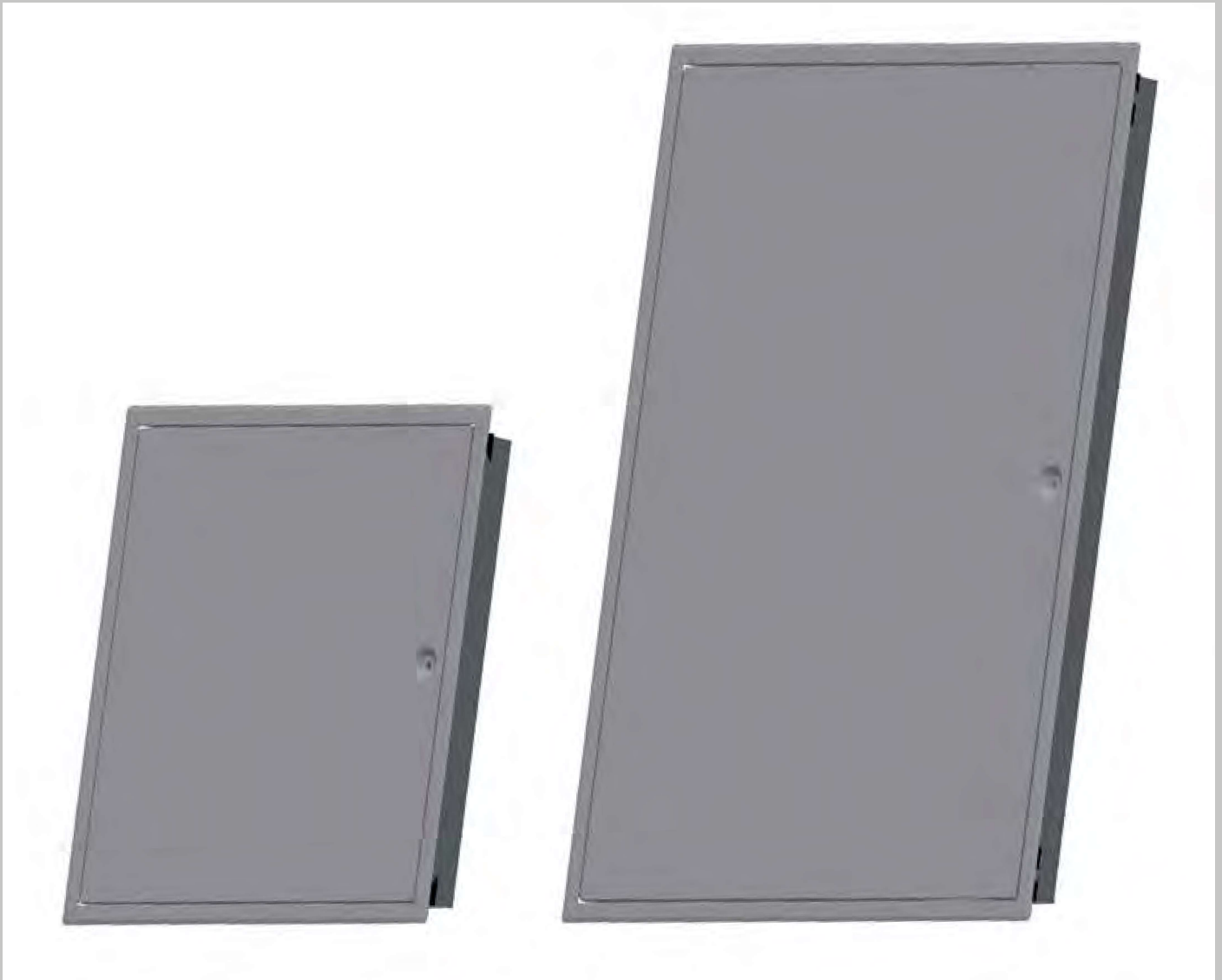


UPMANN



EN Installation and operating instructions

Softline 60

Partition wall with planking on one side (shaft wall)

09/2022

Installation and operating instructions for the inspection openings:

- Softline 60 with square lock
- Softline 60 with square lock $h \leq 600$ mm
- Softline 60 with square lock and
- Swivel handles $h \geq 650$ mm

Descriptions are identical for all the above models. Differences are pointed out separately. Illustrations show:

- Softline 60 with square lock
- DIN right/ DIN left installation must be carried out in mirror image.
- Part of the product.
- Copyright protected.
- Reproduction, reprint and distribution only with permission.

Safety instructions

WARNING!

Instructions containing the word **WARNING** warn of a dangerous situation that may result in death or serious injury.

CAUTION!

Instructions containing the word **CAUTION** warn of a situation that may result in minor or moderate injury.

ATTENTION!

Instructions containing the word **ATTENTION** warn of a situation that may result in property or environmental damage.



Risk of crushing



Risk of falling



Risk of injury from pointed objects

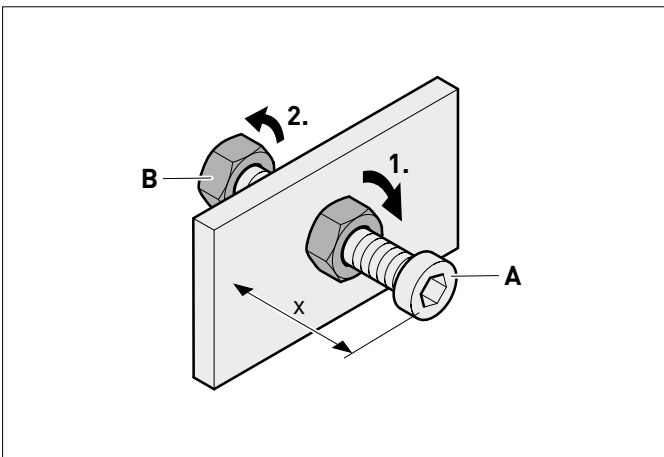


Risk of property damage

Explanation of symbols – Text part

- ▶ Call to action
- Enumeration
- ✓ Control
- 💡 Tip or recommendation
- ➔ Reference to other places in this document
- 📖 Reference to other sources to be considered

Explanation of symbols – Pictorial part



- Highlighting of action parts with areas
- A** Part designations or dimensions
- x Dimensions in mm
- ↻ Movement and direction arrows
- 1.** Sequence of action steps

1	Action step with number
✓	Correct
✗	Incorrect
+	Optional
i	Inform
🔍	Check
🧼	Clean
🕒	Wait and see

1. Safety information.....	5	7. De-installation	15
Intended use.....	5	Safety instructions for de-installation.....	15
Authorised target groups	5	De-install unit.....	15
Manufacturer	5	8. Disposal	15
Principal.....	5	Disposal of the packaging	15
Owner.....	5	Disposal of the unit.....	15
Qualified personnel	5	9. Annex	16
Users	5	Accessories	16
General safety instructions	6	Standards and regulations	16
2. Product information	6	Declaration of conformity by the building authorities	17
Functional principle	6		
Product overview.....	6		
Alignment	6		
Scope of delivery	6		
Dimensions.....	7		
Installation variants.....	7		
Marking/Type plate	7		
Weight	7		
3. Wall mounting	8		
Safety instructions for wall mounting.....	8		
Requirements for wall mounting.....	8		
Permissible materials	8		
Requirements for the mounting wall.....	8		
Installation preparation	9		
Unpacking the unit.....	9		
Making the construction opening in the shaft wall.....	9		
Creating the construction opening.....	9		
Preparing the unit	10		
Applying the filler to the frame			
of the unit.....	10		
Mounting the unit in the wall.....	10		
Placing the unit.....	10		
Aligning the unit	11		
Screwing the unit into the wall.....	11		
Checking the frame and door panel	11		
Cleaning the frame	11		
Curing the construction connection joint	11		
Checking the door	11		
Checking the lock.....	12		
4. Use	13		
Safety instructions for use	13		
Opening the unit	13		
Closing the unit.....	13		
5. Cleaning	13		
Safety instructions for cleaning	13		
Cleaning	13		
6. Maintenance	14		
Safety instructions for maintenance	14		
Maintenance intervals	14		
Maintenance measures	14		
Troubleshooting.....	14		



1. Safety information



Intended use

The inspection opening allows access to installations behind walls. In case of fire, the closed inspection opening prevents the spread of fire.

The inspection opening is referred to as 'the unit' in these installation and operating instructions.

The use of the unit is only permitted in the following cases:

- In technically perfect condition
- After professional installation without impairing the statics and strength of the installation wall
- Taking into consideration the regulations for the installation wall
- At an ambient temperature in a normal case of 0 °C to 60 °C
- The placement of several inspection openings must not influence the fire protection properties of the installation/shaft wall.

Intended use also includes reading and observing these instructions.

Any other use is considered improper.

The manufacturer is not liable for damage caused by improper use.

Authorised target groups

Authorised target groups are divided into groups of people with different authorisations.

Manufacturer

The manufacturer and his authorised representatives have the following task:

- Delivery of the unit ready for installation.

Principal

The principal is responsible for the construction or alteration of the building in which the unit is installed.

The principal has the following task:

Submission of the declaration of conformity to the competent building supervisory authority.

The principal shall appoint a site supervisor to ensure:

- Compliance with the conditions for installation.
- The instruction of the qualified personnel.
- Compliance with building regulations and requirements.
- Provision and observance of these instructions.

Owner

The owner is responsible for the maintenance of the building in which the appliance is installed.

The owner has the following responsibilities:

Ensuring that the unit is in good working order.

- Compliance with cleaning and maintenance requirements.
 - User instruction.
- Provision and observance of these instructions.

Qualified personnel

Qualified skilled personnel are responsible for installation, commissioning, maintenance, de-installation and disposal.

Requirements for qualified personnel:

- Professional experience or training in drywall construction.
- Experience in the installation and maintenance of inspection openings.
- Instruction by site manager.
- Experience in the use of electrical and mechanical tools.
- Knowledge of work safety regulations.
- Knowledge in reading technical drawings.
- Knowledge of these instructions.
- Documentation of the work carried out.
- Submission of the declaration of conformity and handover to the principal.
- Provision and observance of these instructions.

Users

Instructed users undertake work in use, cleaning and maintenance.

Requirements for instructed users:

- Instruction by the operator.
- Knowledge of these instructions.



General safety instructions

⚠ WARNING!

Danger due to non-observance of the instructions during use and installation!

These instructions contain important information for the safe use of the unit. Special attention is drawn to possible dangers.

Failure to comply may result in death or serious injury.

- ▶ Read these instructions carefully.
- ▶ Follow the safety instructions in this manual.
- ▶ Keep the instructions accessible.

Use of the appliance

is prohibited in the following cases:

- Installation in non-approved walls and ceilings.
- Outdoors.
- In damp rooms.
- With fixtures and modifications in suspended ceilings of the unit (e.g. lamps).
- With residues or residues of plaster, filler, paint, glue or other materials on the seals between door and frame.
- If several inspection openings are placed next to each other or on top of each other.

The manufacturer does not accept any liability for damage in the following cases:

- Failure to observe the installation and operating instructions.
- Alteration of the construction.
- Use in an area of application not described or approved.

Depending on the activity, further safety instructions must be observed.

The safety instructions can be found in the corresponding chapter in this manual.

- ➔ **Safety instructions for wall mounting**
- ➔ **Safety instructions for use**
- ➔ **Safety instructions for cleaning**
- ➔ **Safety instructions for maintenance**
- ➔ **Safety instructions for de-installation**

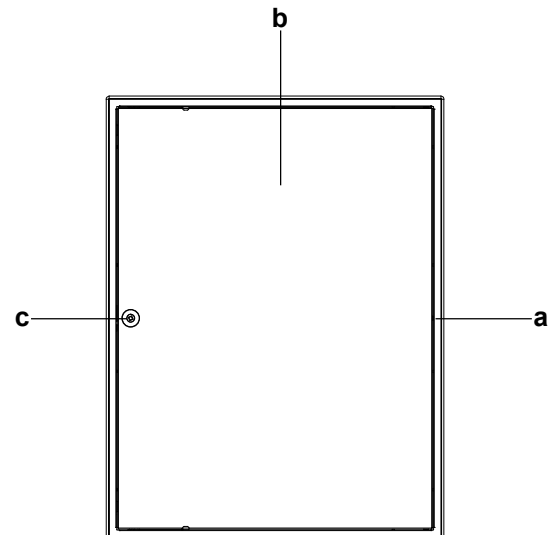
2. Product information



Functional principle

- Inspection openings in manholes, separating, installation and solid walls, as well as in suspended false ceilings are closed by the inspection opening.
- When closed, fire cannot penetrate the inspection opening according to the fire protection classification.

Product overview



Alignment



- a Stop side
- b Viewing side
- c Closure side

Scope of delivery



- A Inspection opening
- B Hexagonal key
- C Installation and use instructions



Dimensions



IV

- h** Nominal height of the unit
h1 Height of installation dimensions of the frame
h2 Height of the construction opening
 $\geq \mathbf{h2}$ Minimum height of the construction opening
 $\leq \mathbf{h2}$ Maximum height of the construction opening
h3 Height of the unit
h4 Height of the clear opening
h5 Height of the door panel
- b** Nominal width of the unit
b1 Width of installation dimension of frames
b2 Width of construction opening
 $\geq \mathbf{b2}$ Minimum width of the construction opening
 $\leq \mathbf{b2}$ Maximum width of the construction opening
b3 Width of the unit
b4 Width of the clear opening
b5 Width of the door panel
- t1** Installation depth
t2 Wall construction

Installation variants

V

The unit is suitable for the following installation variant:

- A** Wall mounting in a partition wall with planking on one side (shaft wall)

Identification/Type plate

The type plate is located on the back of the door panel with the following information:

- Type
- Manufacturer

Weight:

approx. 35 kg/ m²

h \ b	b									
	200 mm	250 mm	300 mm	350 mm	400 mm	450 mm	500 mm	550 mm	600 mm	
200 mm	1	2	2	2	3	3	4	4	4	
250 mm	2	2	3	3	4	4	4	4	5	
300 mm	2	3	3	4	4	5	5	5	6	
350 mm	2	3	4	4	5	6	6	6	7	
400 mm	3	4	4	5	6	6	7	7	8	
450 mm	3	4	5	6	6	7	8	8	9	
500 mm	4	4	5	6	7	8	9	9	11	
550 mm	4	5	6	7	8	9	10	10	12	
600 mm	4	5	6	7	8	9	11	11	13	
650 mm	5	6	7	8	9	10	11	11	14	
700 mm	5	6	7	9	10	11	12	12	15	
750 mm	5	7	8	9	11	12	13	13	16	
800 mm	6	7	8	10	11	13	14	14	17	

Data in kg

h Height of the unit

b Width of the unit



3. Wall mounting



Safety instructions for wall mounting

⚠ WARNING!

Danger due to non-observance of the instructions for wall mounting!

Errors in mounting the unit may result in serious injuries. This chapter contains important information for mounting the unit safely in a wall.

- ▶ Read this chapter carefully before mounting.
- ▶ Follow the safety instructions.
- ▶ Carry out the installation as described.

The principal is responsible for fulfilling the requirements for assembly.

⇒ **Principal**

Have the assembly performed only by qualified personnel.

⇒ **Qualified personnel**

To avoid hazards, the following requirements must be strictly observed:

- The unit must be undamaged and in perfect condition for installation.
- The unit must be installed by two persons from a dimension of 500 x 500 mm upwards.
- During installation, the surrounding area must be secured against falling objects.
- The installation must be carried out properly and professionally according to the generally recognised rules of technology.
- During installation, the rules of occupational health and safety must be observed.

Prerequisites for wall mounting

The building regulations of the wall system must be observed (e.g. in Germany, the general test certificate abP issued by the building authorities).

The unit can be installed in the following constructions:

- Partition wall with planking on one side (shaft wall)

Permitted materials

All materials used for wall installation must comply with the building regulations of the wall system (e.g. in Germany, the general building authority test certificate abP).

Fixing material

Lightweight partition wall	Screws: Drywall screws ≥ Ø 3.5 x 25 mm
----------------------------	--

Filler

Non-combustible filler EN 13501-1 (A2)

Requirement for the installation wall

Partition wall with planking on one side (shaft wall)
Fire protection classification according to EN 13501-2
Fire resistance duration EI60

Softline 60

Wall thickness	min. 80 mm
Metal profile	≥ CW 50/ UW 50
Planking	GKF t ≥ 15 mm/ EN 520



Preparation for installation

1

- ▶ Familiarise yourself with the unit, the installation situation and the associated documents:
 - Installation and operating instructions
 - Building regulations of the wall system
 - Mounting wall

2

- ▶ Assemble the required tools:
 - A** Trowel (wide)
 - B** Trowel (narrow)
 - C** At least 2 x Screw clamps
 - D** Pencil
 - E** Spirit level
 - F** Measuring tool (e.g. tape measure)
 - G** Tool for creating the construction opening (e.g. hammer drill, saw, angle grinder)
 - H** Cordless screwdriver with PH2 bit
- ▶ Assemble the required material:
 - Fixing material
 - Permissible filler
 - ➔ **Permissible materials**

3

- ▶ Assemble your personal protective equipment:
 - A** Hearing protection
 - B** Safety goggles
 - C** Face mask
 - D** Work gloves
- ▶ Keep the installation site free of objects that can be damaged or destroyed during installation.

Unpacking the unit

4

- ▶ Check that the unit is complete.
 - ➔ **Scope of delivery**

Making the construction opening in a partition wall with planking on one side (shaft wall)

The construction opening must be made in such a way that the unit can be fixed in the wall with the wall anchors.

5

- ▶ Determine the permissible dimensions of the construction opening.
 - ➔ **Dimensions**
- ▶ Pay attention to the required distance between the metal profiles.

6

- ▶ Draw the construction opening.
- ▶ Use the spirit level and tape measure to ensure the following:
 - The marked opening is aligned horizontally and vertically.
 - The angles in the corners are 90°.
 - The diagonals are the same length.

7

⚠ CAUTION!

Risk of injury from sharp-edged tools!

Using the tool to open the construction opening (e.g. saw/knife) can cause injuries.

- ▶ Create the construction opening carefully.
- ▶ Wear suitable personal protective equipment.
- ▶ Create the construction opening with suitable tools.

8

- ▶ Clean the construction opening.



Preparing the unit

9

- ▶ Place the unit securely with the opening side facing up.

10

- ▶ Make sure that the unit is closed.
 - Square lock $h \leq 600$ mm
 - Square lock and swivel handles $h \geq 650$ mm

11

- ▶ Turn the unit to the opening side.

12

- ▶ Turn all wall anchors as follows:
 - At a 90° angle to the edge of the frame.

13

- ▶ Apply the filler to the inside of the frame so that the construction connection joint and the frame are completely filled.

PLEASE NOTE

- ▶ Non-approved or incorrectly applied filler may affect the fire resistance of the unit.
- ▶ Use only approved filler.

Installing the unit in the wall

Positioning the unit

14

- ▶ Carefully insert the unit into the construction opening.
 - All wall anchors are aligned at a 90° angle to the edge of the frame.
 - Pointing towards the opening.

⚠ CAUTION!

Risk of injury when positioning the unit!

Fingers may become crushed when positioning the frame.

- ▶ Carefully insert the unit into the construction opening.
- ▶ Secure the frame with the screw or clamp to prevent it from falling out.

15

⚠ CAUTION!

Risk of injury when attaching the screw clamp or clamp

Fingers can be pinched when attaching the screw clamp or clamp.

- ▶ Attach the screw clamp or clamp carefully.
- ▶ Attach the frame to the wall with a screw clamp or clamp.

16

- ▶ Position the unit centrally in the construction opening.

17

- ▶ Make sure that the frame rests on the wall surface without any gaps.
- ▶ Screw a wall anchor to the wall.
The remaining wall anchors are screwed in place in a subsequent installation step.



Aligning the frame

18

- ▶ The frame is horizontal and vertical in the construction opening.
- ▶ The distance between the diagonally opposite corners is identical ($a = b$).

19

- ▶ Check that the following applies:
 - ✓ Horizontal and vertical edges of the frame are without curvatures.
 - ✓ The distance between the diagonally opposite corners of the frame is identical ($a = b$).
 - ✓ The angles in each of the four corners of the frame are 90° .

If the points are fulfilled:

- ▶ Continue the installation.
 - ➔ **Screw the frame to the wall**

If the conditions are not fulfilled:

- ▶ Re-align the frame slightly.
If necessary, back the frame with a pressure-resistant, non-combustible (A2) material.

Screw the frame into the wall

20

- ▶ Remove excess filler.
- ▶ Screw down all wall anchors.

Checking the frame and door panel

21

- ▶ Check that the following applies:
 - ✓ The door closes completely without resistance.
 - ✓ The lock and the swivel handles can be opened and closed without any problems. ($\geq h = 650$ mm)

Cleaning the frame

22

- ▶ Carefully clean the recess for the fasteners in the frame with a screwdriver.

23

- ▶ Remove any dirt on the frame seals thoroughly with a damp cloth.

Curing the construction connection joint

24

Let the filler dry:

- According to the manufacturer's specifications.
- If no specifications are available, 24 hours.

Checking the door

25

- ▶ Check whether the following applies:
 - ✓ The door can be closed completely without resistance.

If the condition is fulfilled:

- ▶ Continue the assembly:
 - ➔ **Checking the lock**

26

If the point is not fulfilled:

- ▶ Repeat the steps of action:
 - ➔ **Clean the frame**
 - ➔ **Check the door**
- ▶ Check the door again.



Checking the lock

27

- ▶ Check whether the following applies:
 - ✓ The lock can be opened and closed without any problems, and the locking bolt does not jam.
 - ✓ The swivel handles can be opened and closed.

28

If the condition is not fulfilled:

- ▶ Clean the recess for the locking bolt in the frame carefully with a screwdriver.
- ▶ Check the function of the lock again.



4. Usage



Safety instructions for use

⚠ WARNING!

Danger due to non-observance of the instructions for use!

- ▶ Errors in the use of the appliance may result in death or serious injuries. This chapter contains important information for the safe use of the unit.
- ▶ Read this chapter carefully.
- ▶ Follow the safety instructions.
- ▶ Use the unit only as described here.

Use only by instructed users.

Users

Proper fire protection is only guaranteed when the unit is closed.

- ▶ Only open the unit to carry out inspection work.
- ▶ Close the unit immediately after completing the inspection work.
- ▶ Lock the locking mechanism of the unit to prevent unauthorised opening.

Opening the unit

1^

- ▶ Open the lock with the hexagonal key.

Closing the unit

2^

- ▶ Close the door of the unit.
- ▶ Lock the locking mechanism with the hexagonal key.

5. Cleaning



Safety instructions for cleaning

⚠ ATTENTION!

Risk of material damage due to improper cleaning!

Errors during cleaning may damage the unit. This chapter contains important information for cleaning the unit.

- ▶ Read the safety instructions carefully.
- ▶ Follow the safety instructions.
- ▶ Carry out cleaning as described.

Cleaning only by instructed users.

Users

The unit must not be cleaned with the following liquids:

- Running water.
- Chemical cleaning agents.
- Thinner (e.g. acetone, nitro thinner, universal thinner).
- Alcohols.

Cleaning

- ▶ Open the unit.
- ▶ Clean all metal and plaster surfaces of the unit with a damp cloth.
- ▶ Clean the seals with a damp cloth.
- ▶ Close the unit.



6. Maintenance



Safety instructions for use

⚠ WARNING!

Danger due to non-observance of the maintenance instructions!

Errors in the maintenance of the unit may result in serious injuries. This chapter contains important information for the safe maintenance of the unit. Read this chapter carefully.

- ▶ Follow the safety instructions.
- ▶ Carry out maintenance as described.

Maintenance and repair work may only be carried out by qualified personnel.

⇒ **Qualified personnel**

Troubleshooting measures may only be carried out by instructed users.

⇒ **Users**

To avoid hazards, the following requirements must be observed:

Maintenance intervals

Maintenance of the unit must be carried out regularly and at least 1 x per year.

Maintenance procedures

- ▶ Check the following functions of the unit
 - The door can be opened and closed without any problems.
 - The lock works.
 - The closed door seals completely.
- ▶ Check the following components of the appliance for damage or dirt:
 - Intumescent (e.g. loosened adhesions/fastenings)
 - Door panel (e.g. severe damage such as fractures)

If there is damage or dirt:

- ▶ Clean soiled components.
- ▶ Replace damaged or destroyed components.
- ▶ Only use spare parts that comply with the regulations of the building authority approval.

Installation of spare parts only in accordance with these instructions.

Installation of spare parts only by qualified personnel

⇒ **Qualified personnel**

Troubleshooting

Possible malfunctions are described as follows:

What is the fault?

- Cause of the fault?
 - ▶ Remedy of the fault.
 - ➔ Reference to the corresponding chapter.

The door panel cannot be closed.

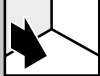
- The intumescent has come loose.
 - ▶ Have the intumescent material replaced by qualified personnel.
- The intumescent on the frame is defective.
 - ▶ Have the intumescent replaced by qualified personnel.
- The door panel touches down when closing.
 - ▶ Check the hinges.
 - ▶ If the hinges are bent or have come loose, have them replaced by qualified personnel.

The lock will not close.

- The recess for the locking bolt in the frame is dirty.
 - ▶ Clean the recess carefully with a screwdriver.
- The lock is defective.
 - ▶ Check the function of the lock with the door panel open.
- If the locking bolt does not move:
 - ▶ Have the door panel replaced by qualified personnel.

If a malfunction cannot be remedied:

- ▶ Contact the manufacturer or a specialist company.



7. De-installation



Safety instructions for de-installation

⚠ WARNING!

Danger due to non-observance of the de-installation instructions!

Errors when de-installing the unit may result in serious injuries. This chapter contains important information for the safe de-installation of the unit.

- ▶ Read this chapter carefully before de-installation.
- ▶ Follow the safety instructions.
- ▶ Carry out the de-installation as described.

De-installation only by qualified personnel.

⇒ **Qualified personnel**

De-install the unit

⚠ CAUTION!

Risk of injury when de-installing the unit!

Fingers may become crushed when de-installing the unit.

De-installation is carried out in the reverse order to the installation of the unit.

8. Disposal



Disposal of the packaging

⚠ ATTENTION!

Risk of environmental damage due to improper disposal of the packaging!

- ▶ Do not dispose of the packaging with normal household waste.
- ▶ Dispose of the packaging in an environmentally friendly and appropriate manner (recycling).

The packaging serves as protection against transport damage. The packaging materials are selected according to environmentally friendly aspects and are made of recyclable materials.

The packaging materials can be returned to the raw material cycle after use.

- ▶ Dispose of the packaging in an environmentally friendly manner, separated according to materials.

Disposal of the unit

⚠ ATTENTION!

Risk of environmental damage due to improper disposal of the unit!

- ▶ Do not dispose of the unit in normal household waste.
- ▶ Dispose of the unit in an environmentally friendly and proper manner (recycling).
- ▶ Dispose of the unit in accordance with the legal regulations via a specialist disposal company or your local waste disposal facility




9. Annex



Accessories

- Installation and operating instructions
- Hexagonal key

If required and for further information (e.g. brochures, spare parts, price lists):

- ▶ Contact the manufacturer or the specialist trade.
 www.upmann.eu

Standards and regulations

Relevant regulations – without any claim to completeness:

- Fire protection test standard EN 1634-1
- Classification standard EN 13501-1/-2
- Classification report



Declaration of Compliance with Building Regulations

Declaration of Conformity/Declaration of Compliance

Company:

Address:

Date of installation:

Fire resistance class 60

I hereby certify that the fire resistant inspection opening closure Softline 60 has been installed professionally with regard to the pertinent details and in compliance with all provisions or approval in the individual case

For the construction products or individual parts not manufactured by the undersigned himself, this is also confirmed on the basis of

- the existing marking of those parts in accordance with the information listed in the classification report
- my own inspection
- in accordance with written confirmation from the manufacturers of the construction products or parts, which the undersigned has placed in his files.

Place, Date Signature/Stamp

.....
(This certificate is to be handed over to the building owner for passing on to the competent building supervisory authority)





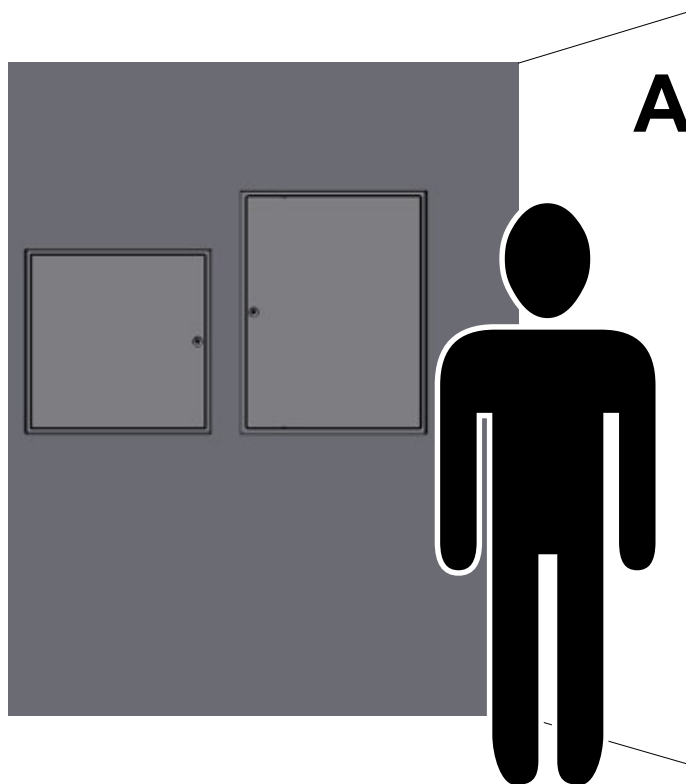
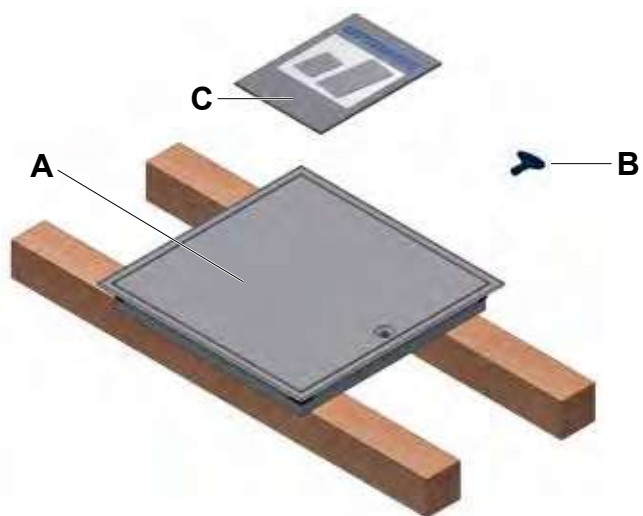
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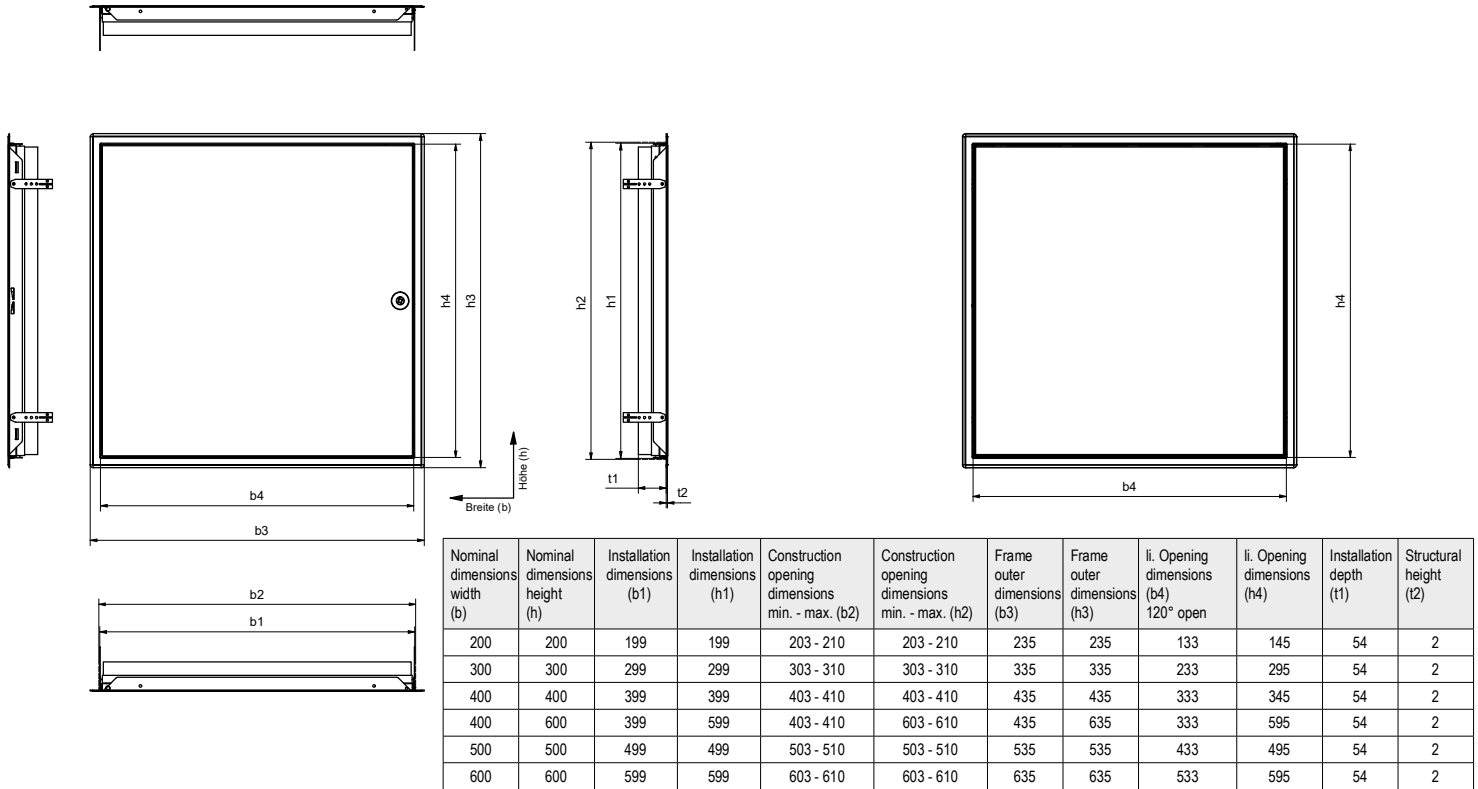


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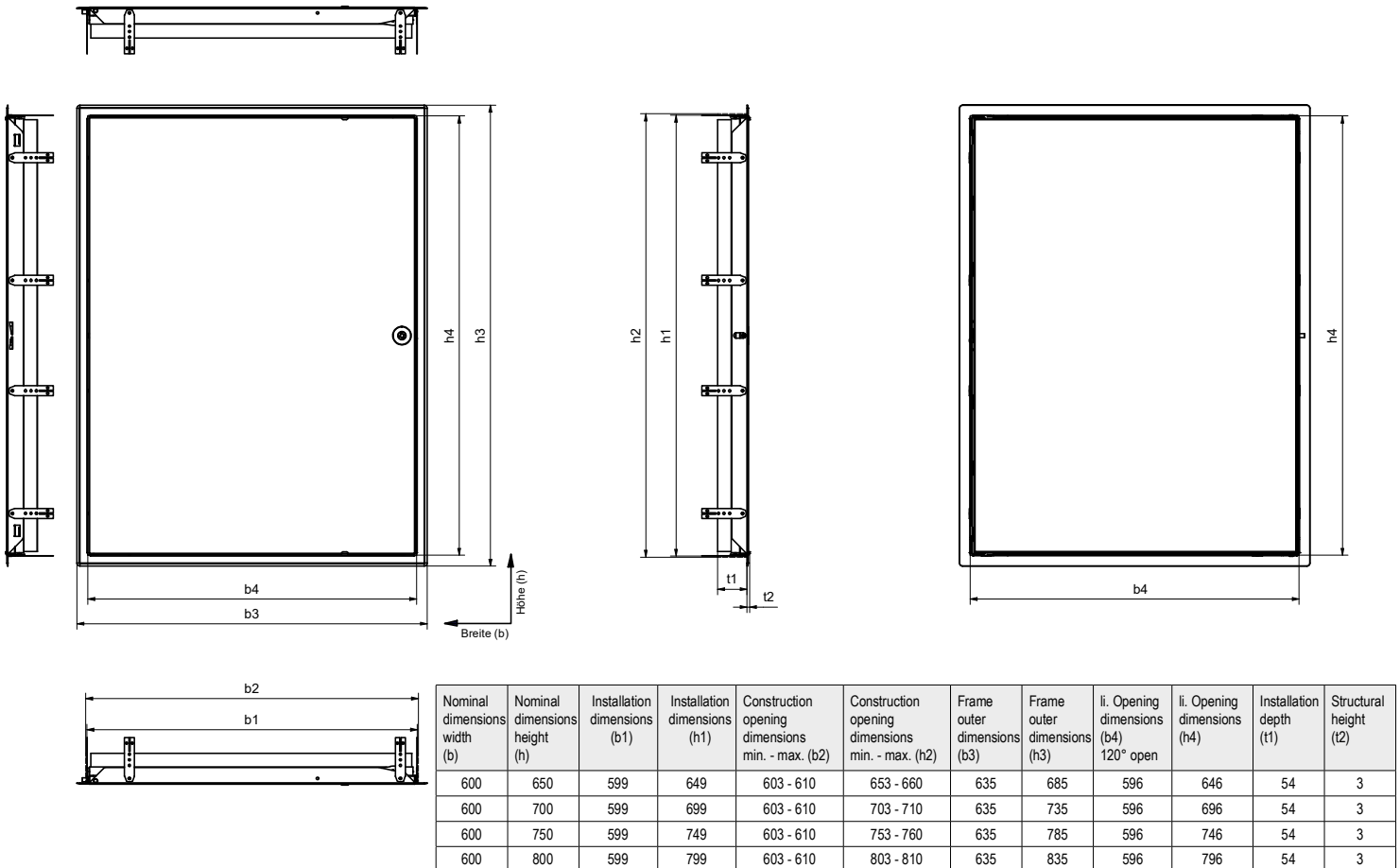
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Nominal dimensions (w x h): to 600 x 600 mm



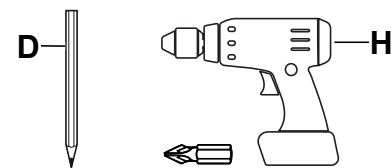
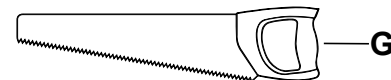
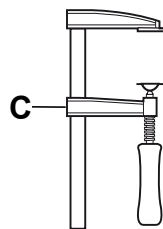
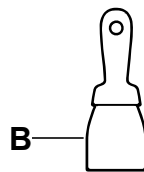
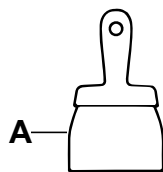
Nominal dimensions (w x h): from 600 x 650 mm with swivel handles



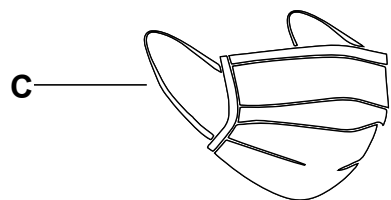
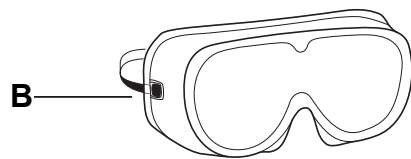
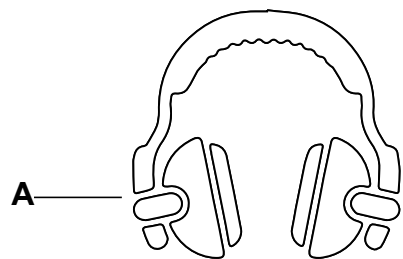


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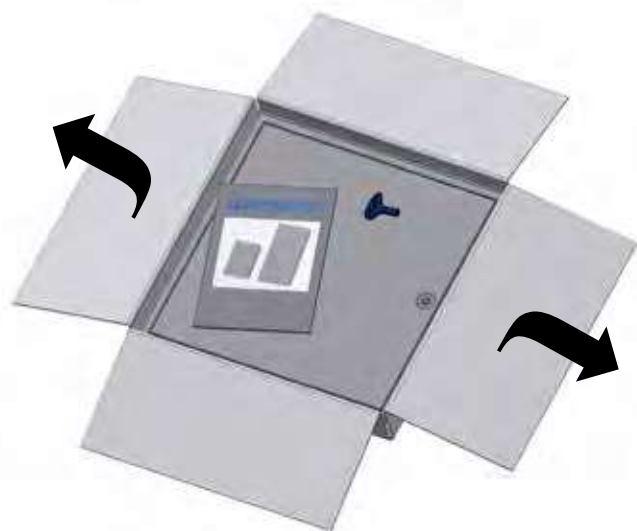
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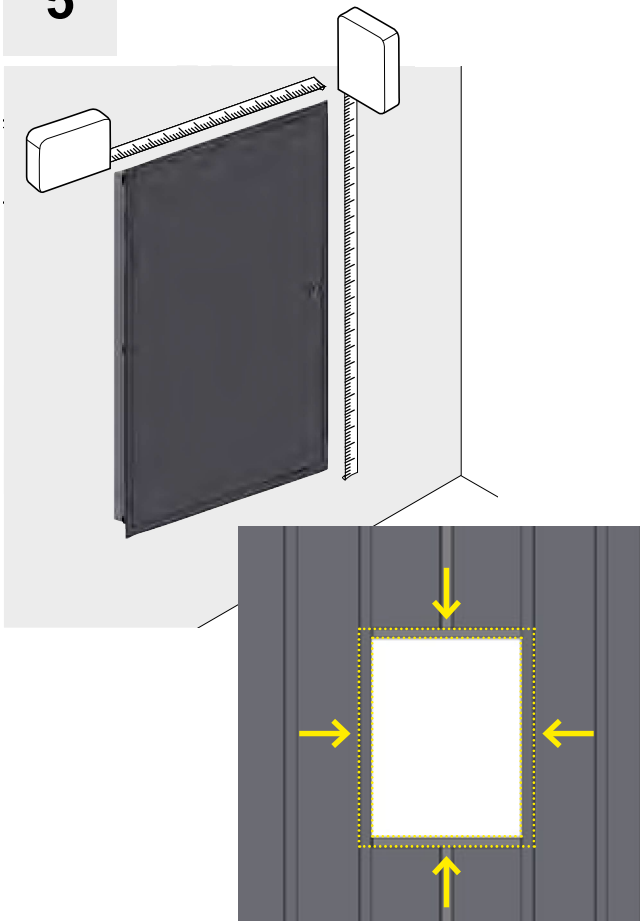
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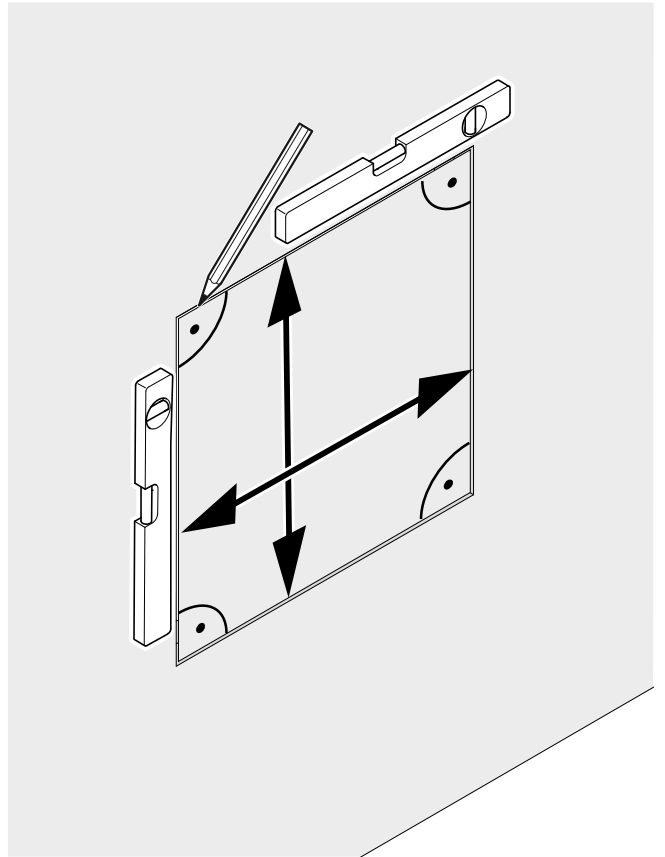
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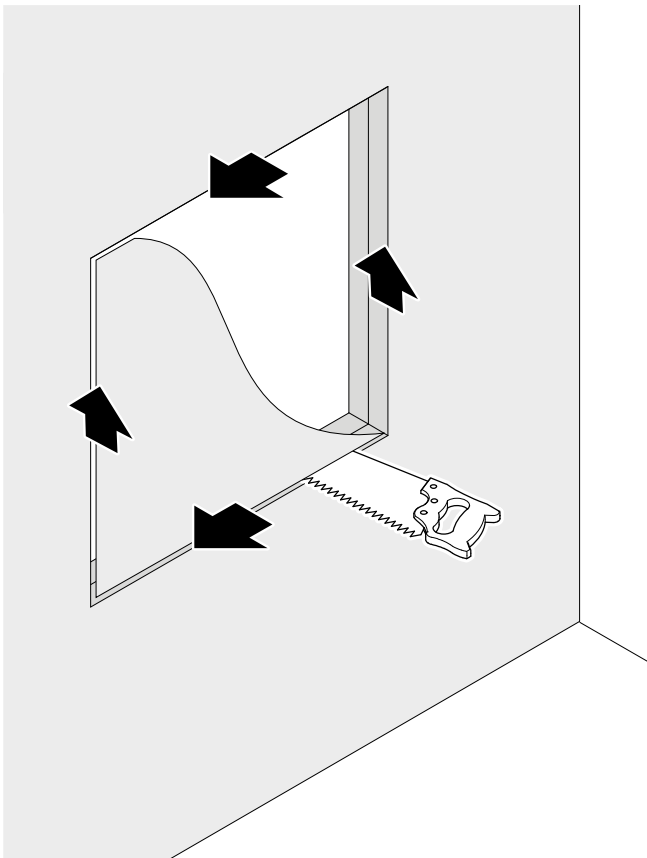
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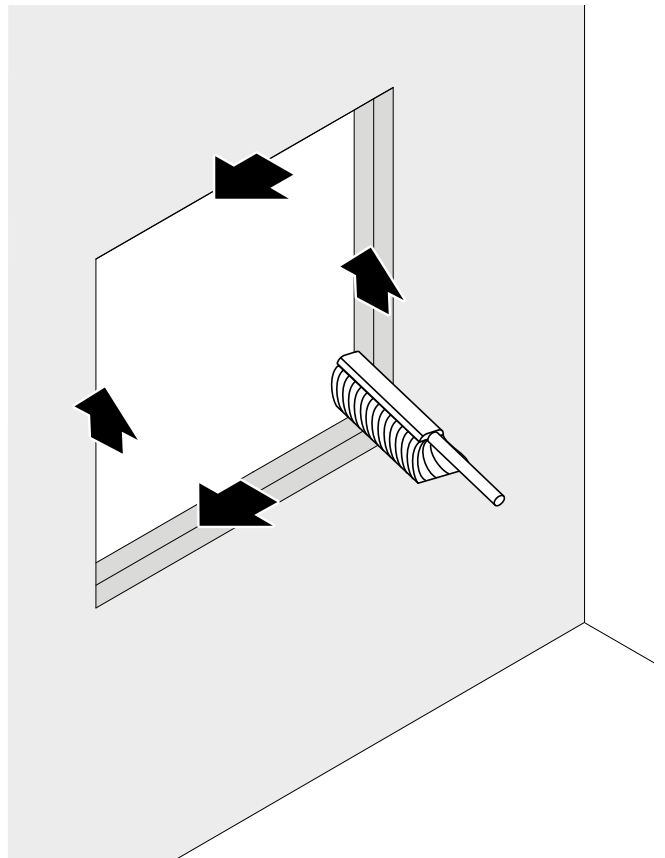
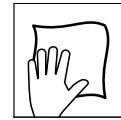
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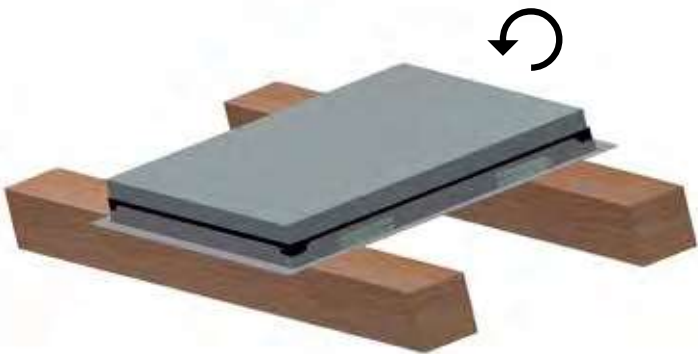
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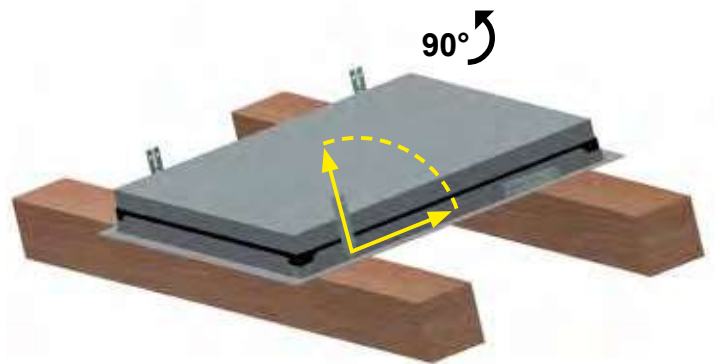
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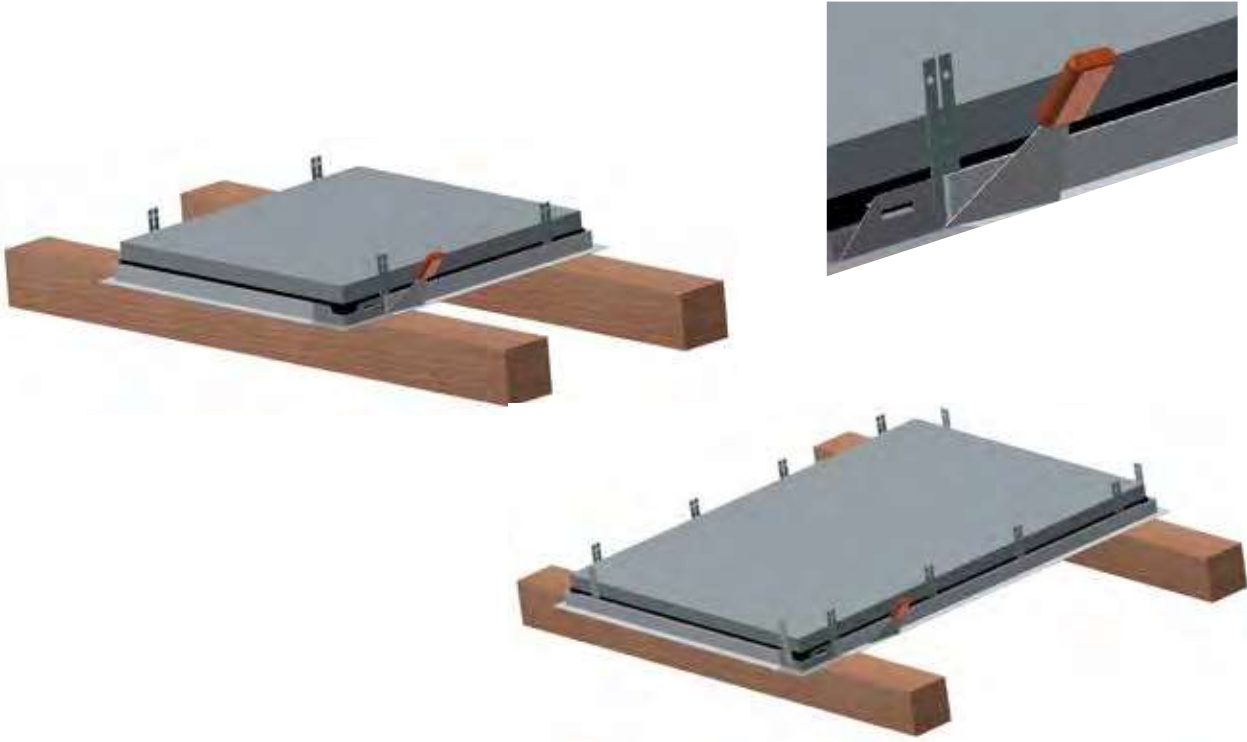
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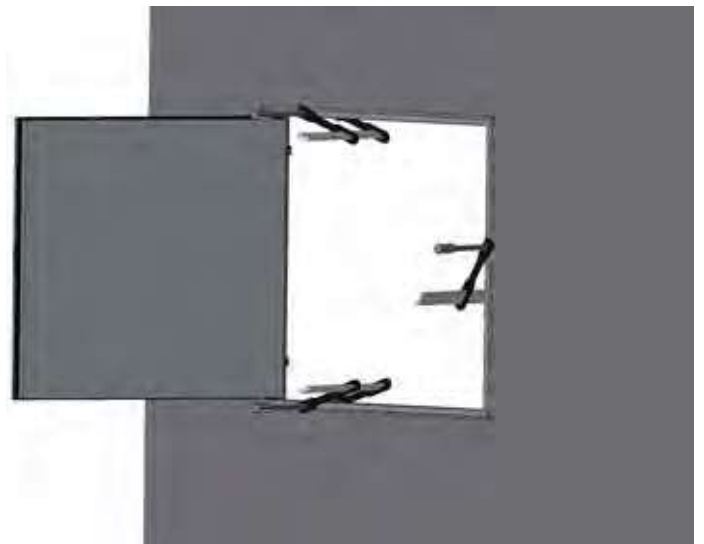
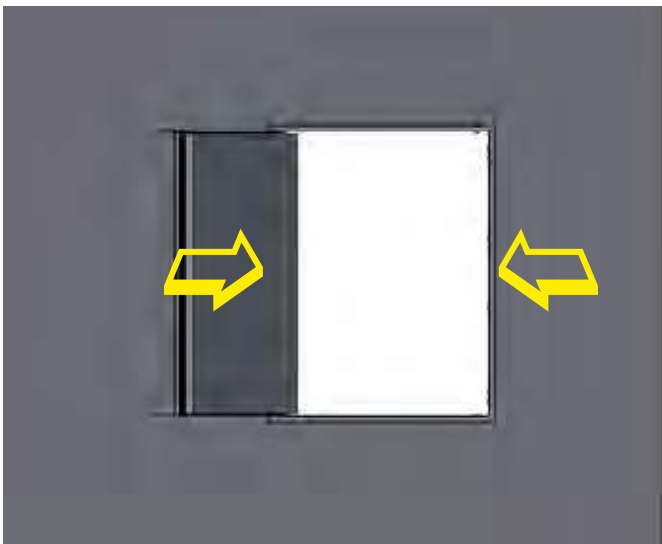
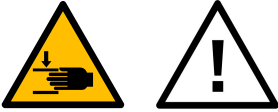
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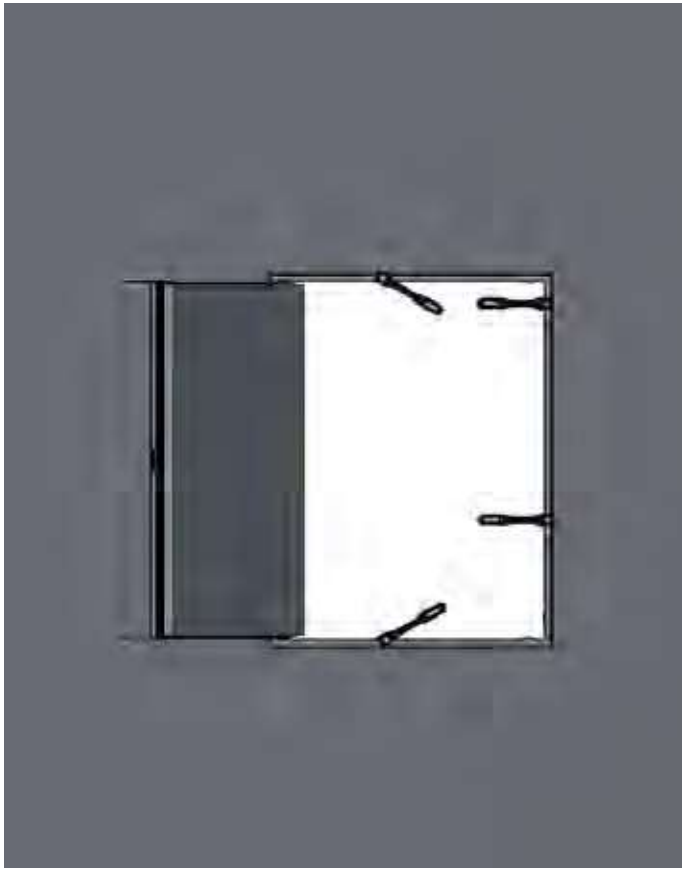
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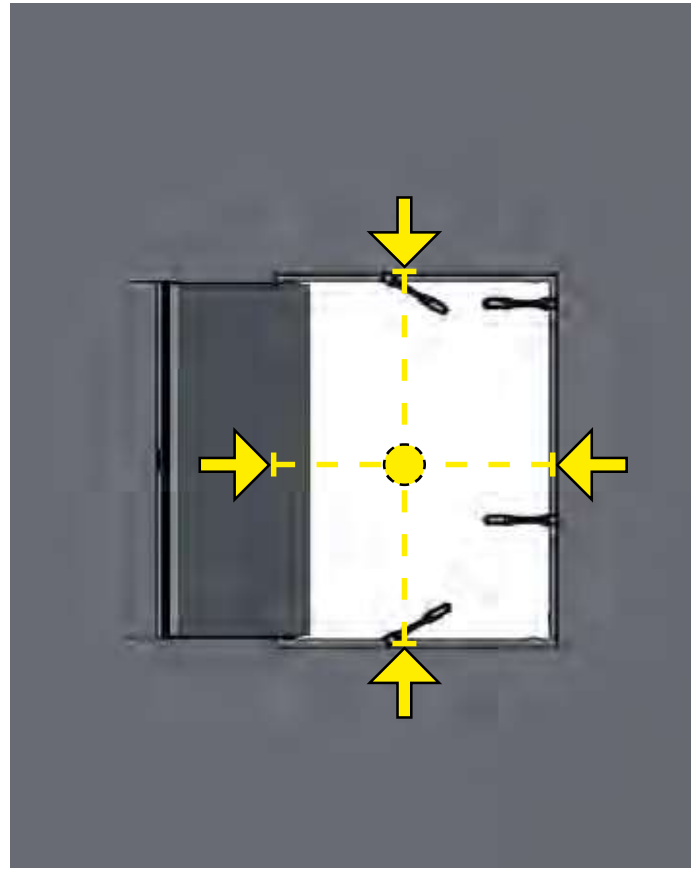
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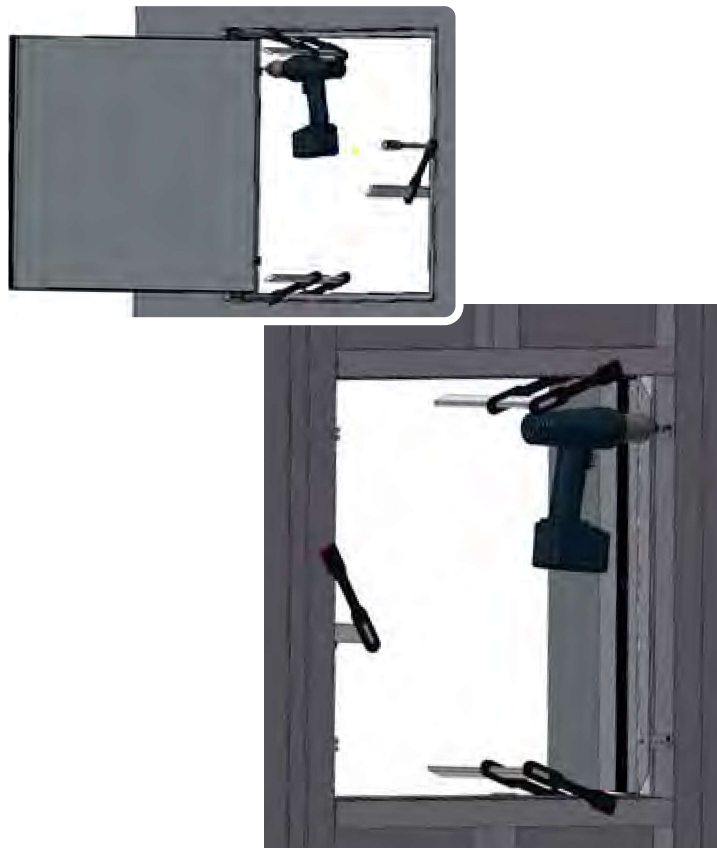
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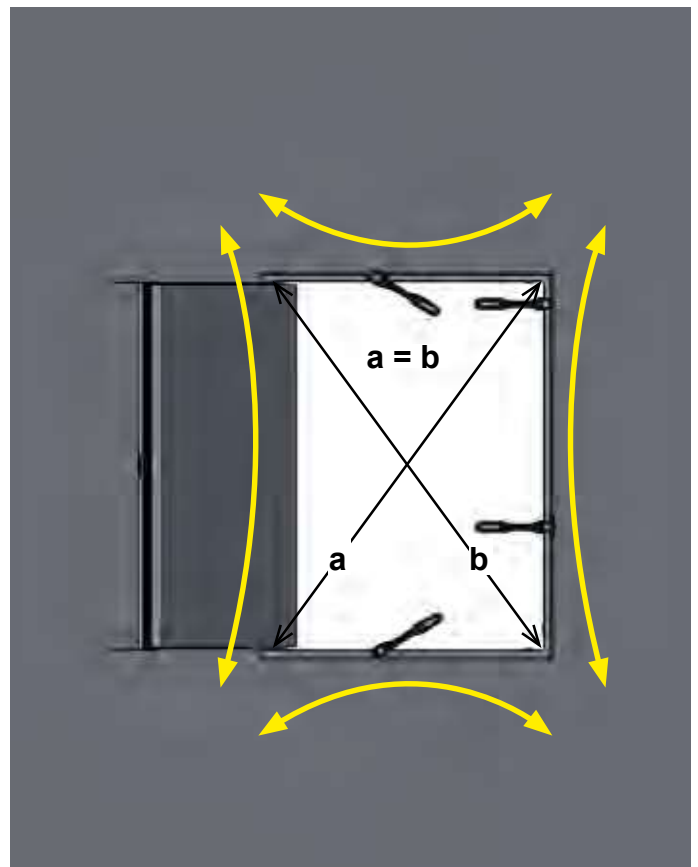
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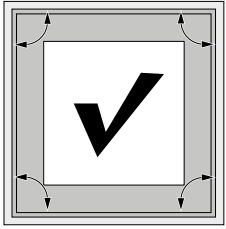
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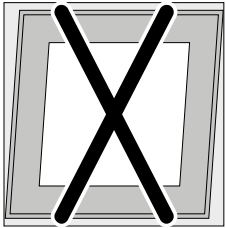
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19



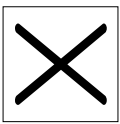
$a = b$
 $\angle = 90^\circ$



$a \neq b$
 $\angle \neq 90^\circ$

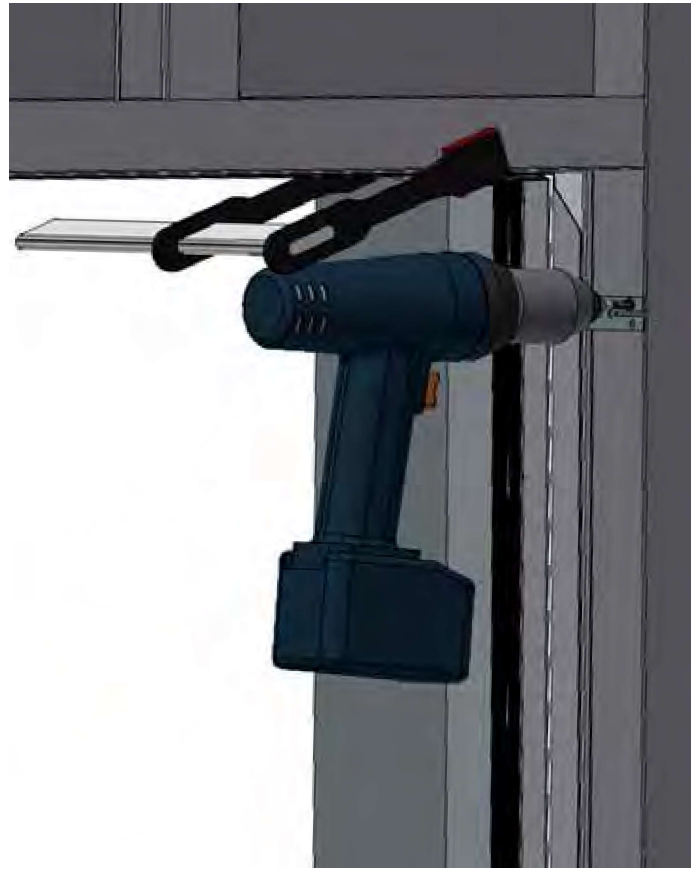


20



18

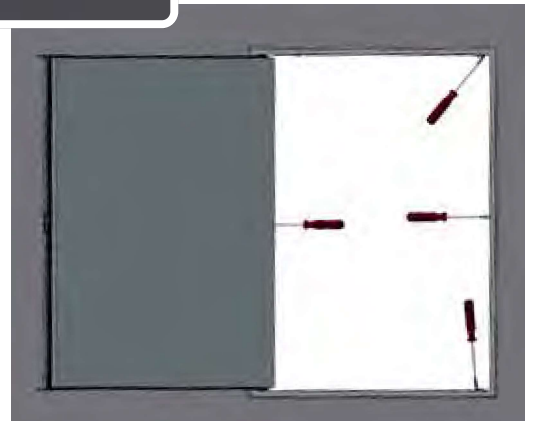
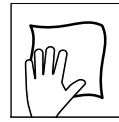
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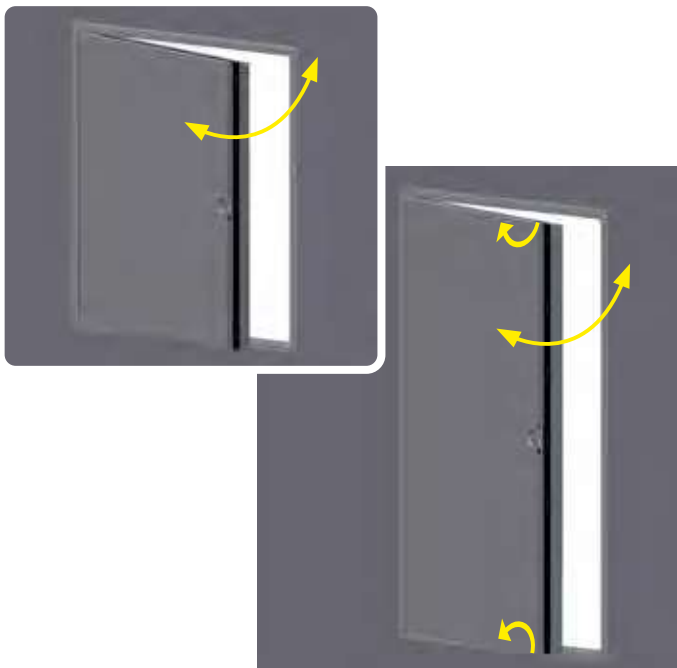


24



 / 24 h

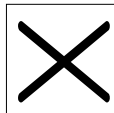
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26



27



23

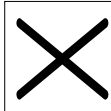
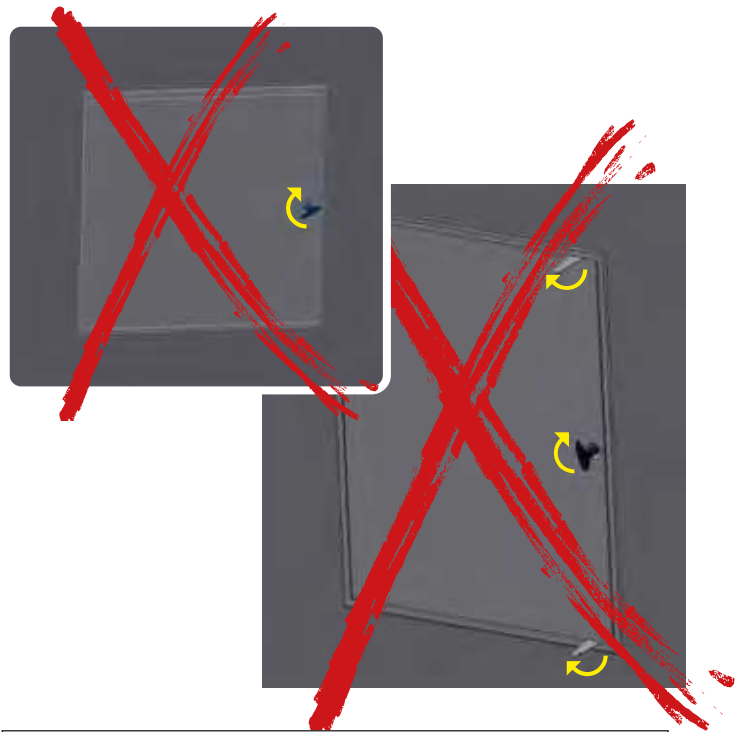
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27



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