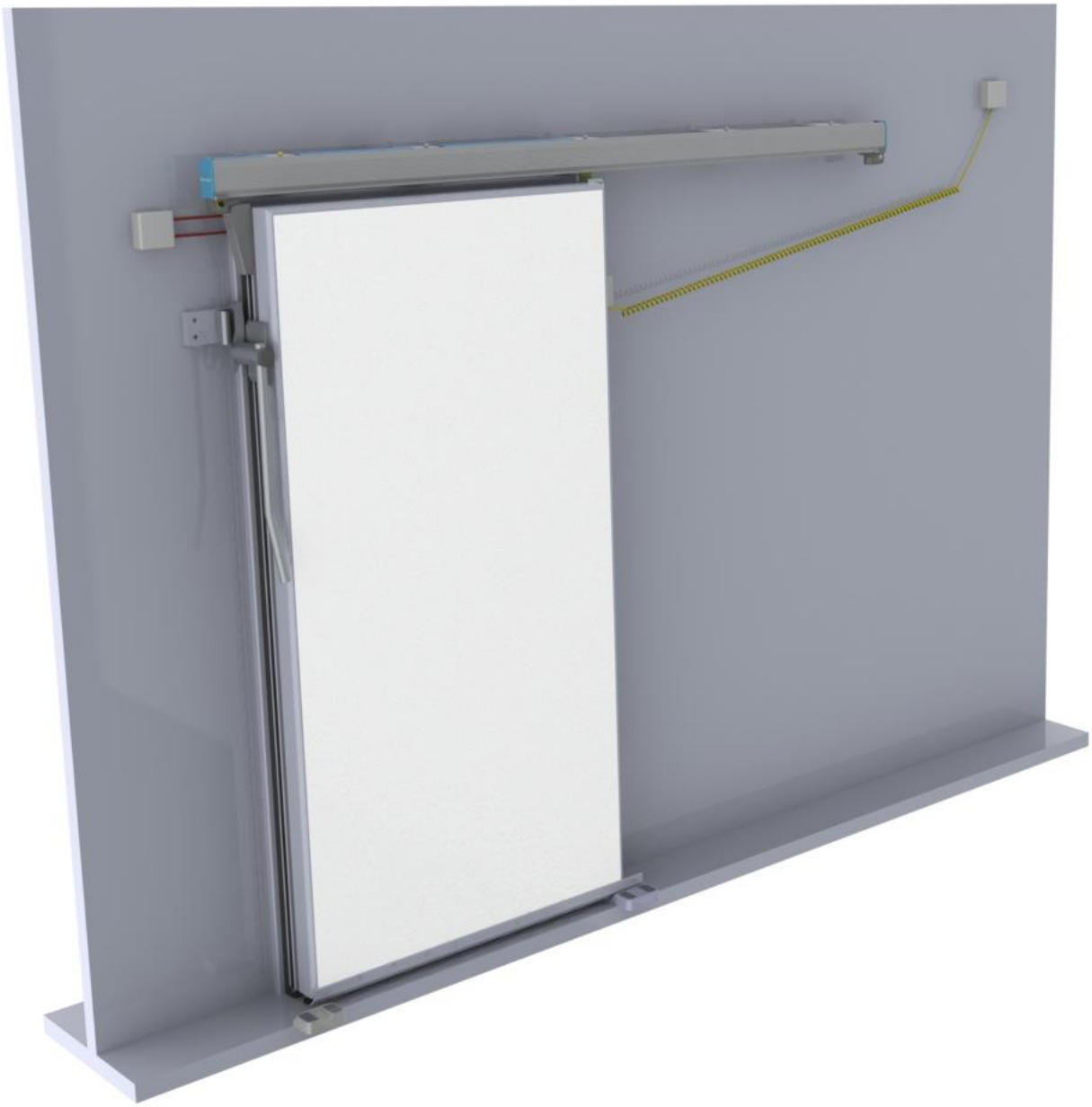
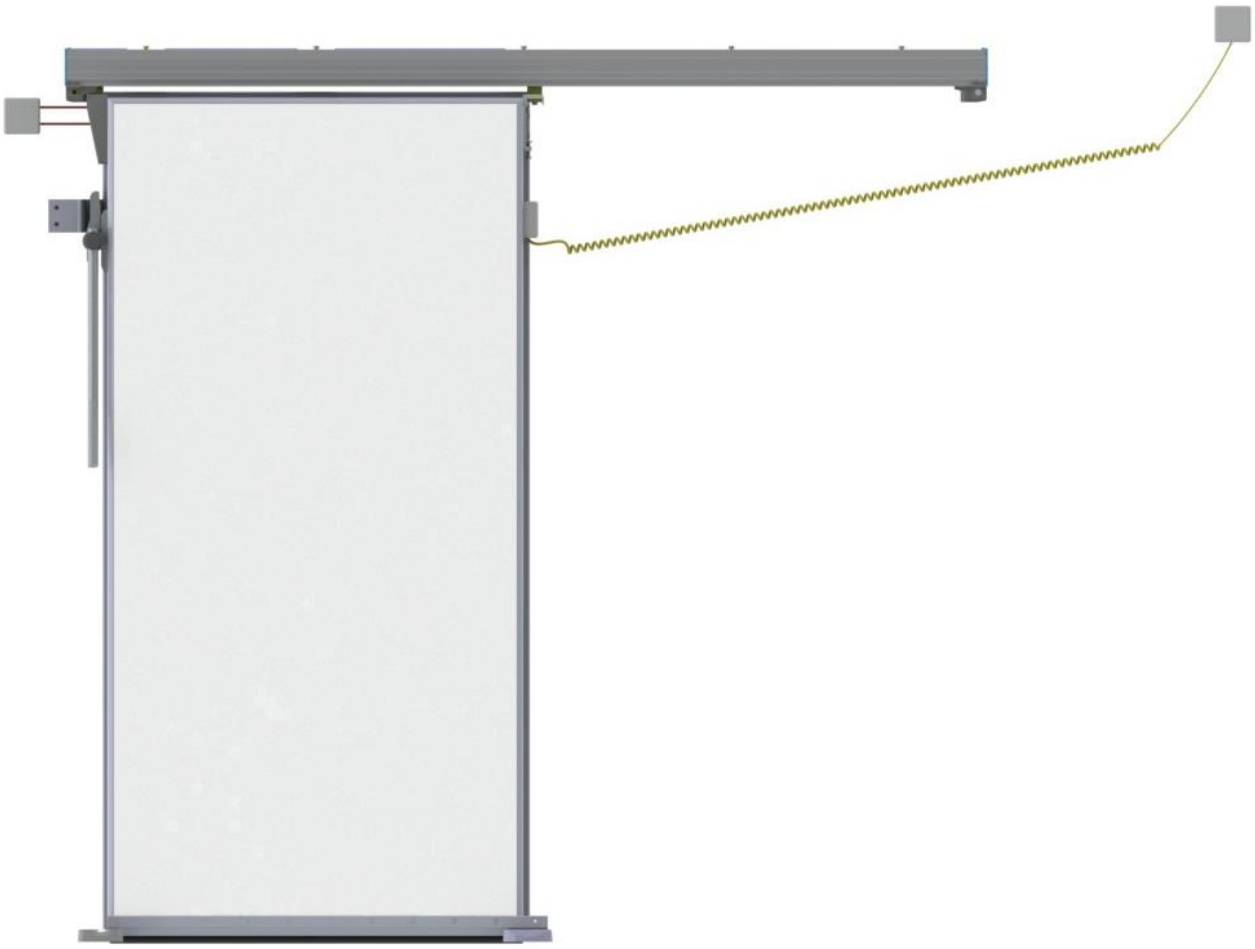


Installation Instruction

Sliding freezer door type SKJ 120

manual version

No. 900-070-01 Rev. 01



Information about this door:

Manufacturing standard

Name	SKJ120 – sliding freezer door designed for use in below zero temperature
Manufacturer	Ampol Serwis
Manufacturing standard /technical parameters, size, color etc./	Frame: ○ anodized aluminum profiles in natural color (possibility of painting) ○ silicon gasket ○ self-regulated heating wire ○ Thermod Flex Frame adjustment system ○ frame available for 1 side installation and for 2 side installation ○ maximum width of the wall for a two-sided frame type 1 = 150mm, ○ for wall wider than 150mm use two-sided frame type 2 Leaf: ○ anodized aluminum profiles in natural color (possibility of painting) ○ door leaf surface made of glass fiber reinforced polyester laminate (option: stainless steel panel) ○ filled with polyurethane foam ○ thermal bridge break insulator ○ gaskets around and under the door leaf ○ two sets of top rollers ○ upper rail and floor guide made of anodized aluminum ○ external and internal handles FERMOD type ○ self-regulated heating wire ○ leaf thickness 120mm

Instructions for maintenance and cleaning

Cleaning and disinfection of polyester laminate	○ surface can be polished with cloths or paper along with the cleaners ○ resistant to detergents available on the market with their concentration up to 5% ○ some organic substances such as butyl acetate, ethyl acetate, methanol, phenol, styrene may damage the surface ○ caution should be exercised when using greater concentrations of irritant or flammable substances as acetone, which can tarnish the surface ○ domestic food products such as fresh fruit juices, coffee, milk, margarine, citric acid or wine do not affect the composite ○ can be cleaned using high pressure washers ○ does not absorb water

Polyester laminate chemical resistance table	
Acids: hydrochloric acid (10%ig) + phosphoric acid (50%ig) + phosphoric acid (85%ig) + sulphuric acid (up to 37,5%ig) + nitric acid (10%ig) + boric acid (10%ig) + Lyes: stable to a certain extent Inorganic aqueous media: water (distilled), drinking water, ocean water + salt solutions (all concentrations) non-oxidising, stable + Luxury food, found in the common household, luxury chemicals apple juice + beer + fresh juices + coffee + milk + margarine + mineral water + wine + citric acid + sugar, all concentrations + Persil (5%ig) + Rei (5%ig) + detergent, commercially available (5%ig) + caster oil + blood + tincture of iodine –	Organic media acetone - ethanol (96%ig) - ether - formic acid (10%ig) + benzine + benzole - butyric acid + butyl acetate - chlorobenzene - cyclohexanon - diethanolamine + earth + acetic acid (10%ig) + ethyl acetate - fatty acid, higher (C12) + glycol + glycerine + heating oil + isopropanol - machine oil + NMA - methanol - methylene dichloride - MEK - lactic acid (10%ig) + mineral oils + paraffinic oils + phenol - non-plasticized resins - salicylic acid + silicone oil + styrene - turpentine oil + tetrachlorocarbon + tetrahydrofuran - toluene - xylene +
Explanation of the table: + stable, - unstable	

Cleaning and disinfection of aluminum profiles	○ surface polishing can be performed with various cloths and brushes, taking care not to damage the anodized layer ○ anode layer is resistant to the pH range 4-9, that is for weak acids and alkalis ○ cleaning and disinfecting products available on the market should not harm the aluminum outer shell, although concentrated cleaners, after a few minutes of exposure can irreversibly destroy it ○ caution should be exercised when using professional cleaners - they are usually much higher concentrated, and thus can quickly destroy the coating ○ coating resists sodium hydroxide and acetic acid, for a period of 144 hours of continuous exposure ○ diluted phosphoric acid is suitable for cleaning aluminum ○ can be cleaned using high pressure washers

Package content

Main package content

Article	Description
Wall cover	Wall cover equipped with heating wire
Door leaf	Door leaf equipped with handles, top rollers, bottom guide profile and heating wire
Top rail	Top rail equipped with end stop buffers, screws and plugs
Accessories box	Box with all accessories necessary for installation

Accessories box

Article	Amount		
	2-side frame type 1	2-side frame type 2	1-side frame
Sheet metal screw 4,2 x 13	22	11	11
Sheet metal screw 4,8X38	33	66	33
Screw M6x26	3	3	3
Plug 12mm	11	-	-
Wall rail support bracket	5/7*	5/7*	5/7*
Isobolt M10 with washer, nut M10 with washer	10/14*	10/14*	10/14*
M10 threaded bolt, L=1m	2**	2**	2**
PVC gasket	-	-	✓***
Bottom guides with wedge anchors	2	2	2
HPL laminate	-	✓***	-
Angle bar and angle bar holder	1	1	1

* Depends on the Structural Opening width

** Number of threaded bolts may differ depending on Structural Opening width and the wall thickness

*** Size differs depending on the Structural Opening and the wall thickness

Installation description

Step 00 Check the structural opening

Step 01 Join the frame parts together and place the heating wire in the frame groove

Step 02 Screw the frame and the handle angle bar holder to the wall

Step 03 Mount the click in profile and the handle angle bar

Step 04 Mount the rail support brackets to the wall

Step 05 Mount the top rail

Step 06 Mount the bottom guides to the floor

Step 07 Mount the door leaf

Step 08 Additional frame parts installation

Step 09 Adjust the door leaf

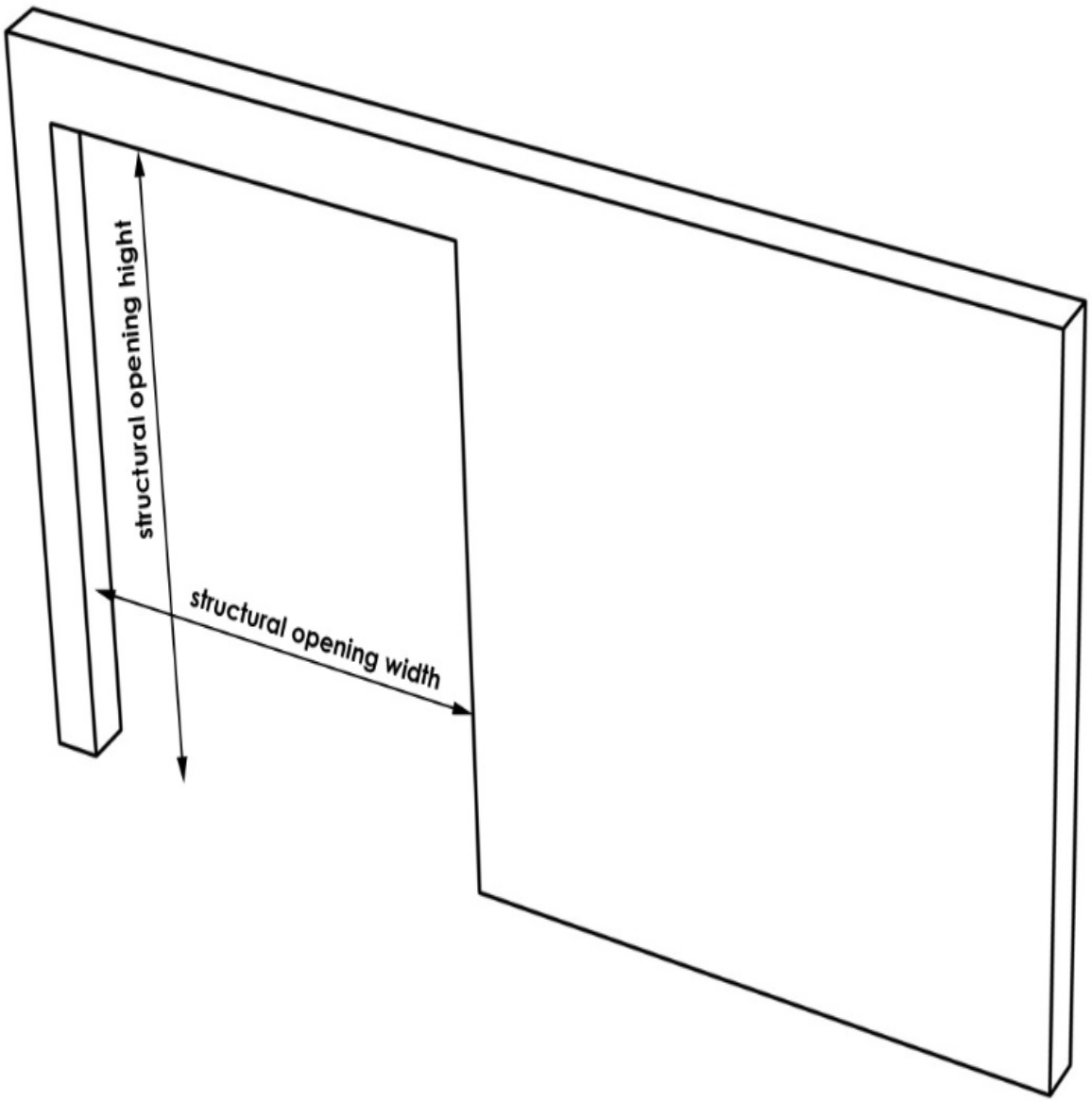
Step 10 Frame adjustment with Flex Frame system

Step 11 Seal the space between the frame and the floor with silicone

Step 12 Connect the heating wires

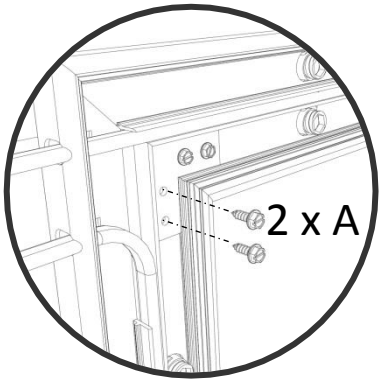
Step 00

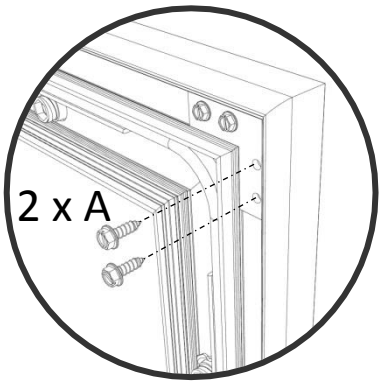
Check the structural opening

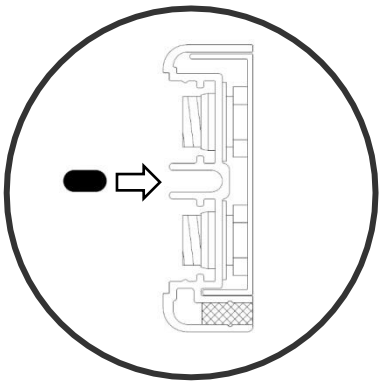


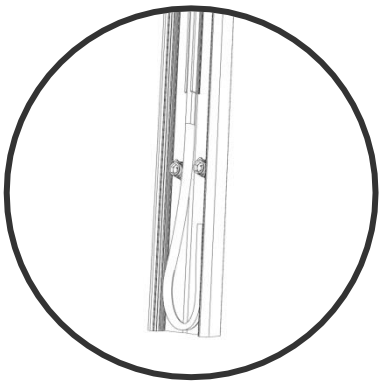
Step 01

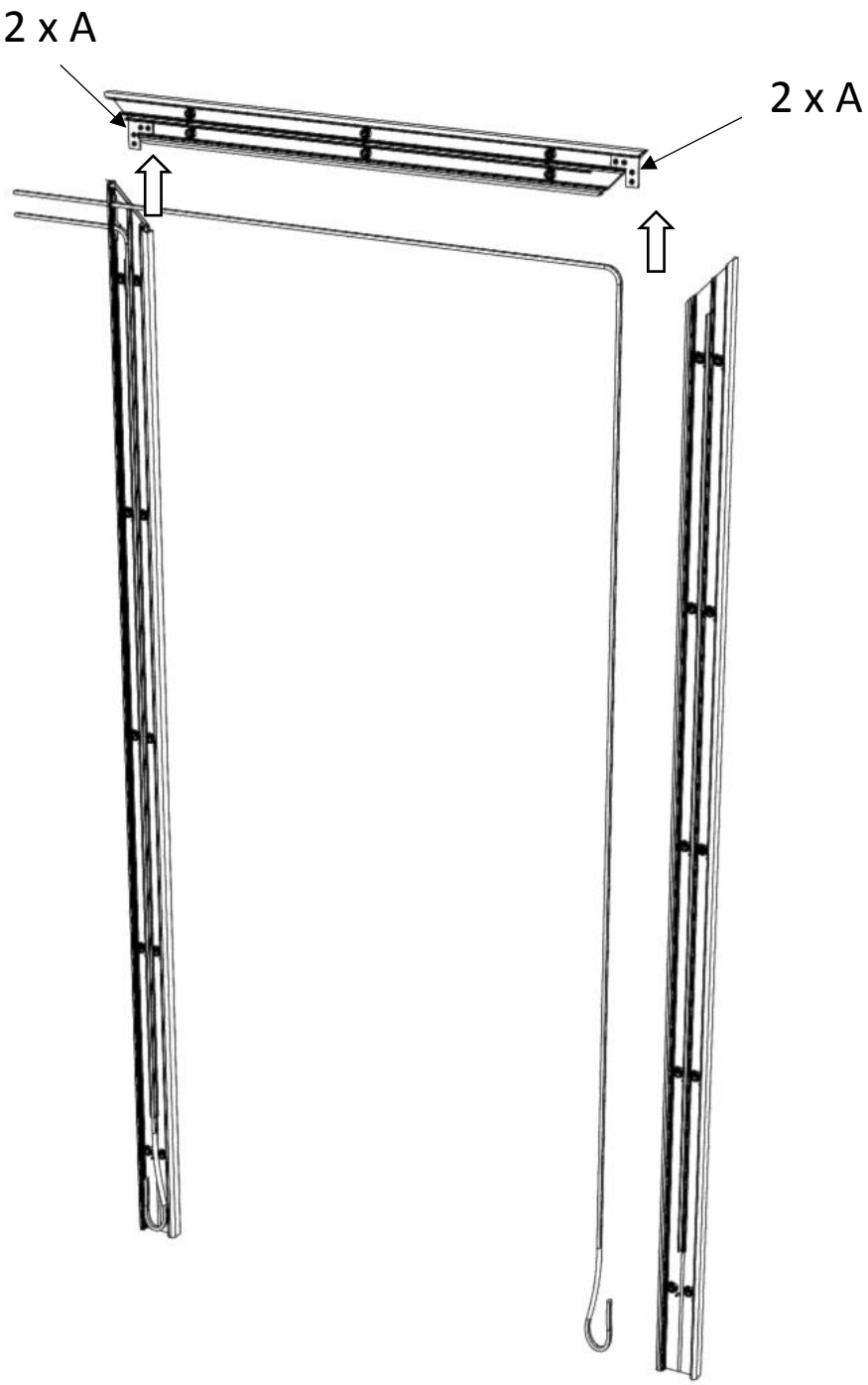
Join the frame parts together and place the heating wire in the frame groove









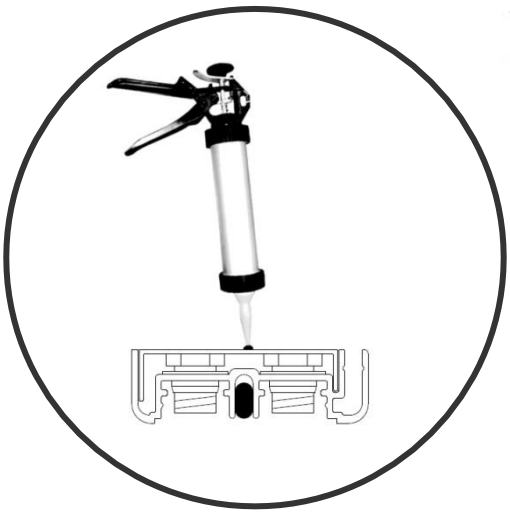


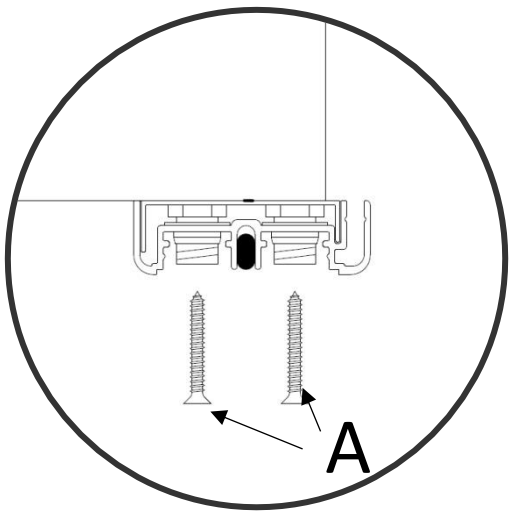
A	Sheet metal screw 4,2x13

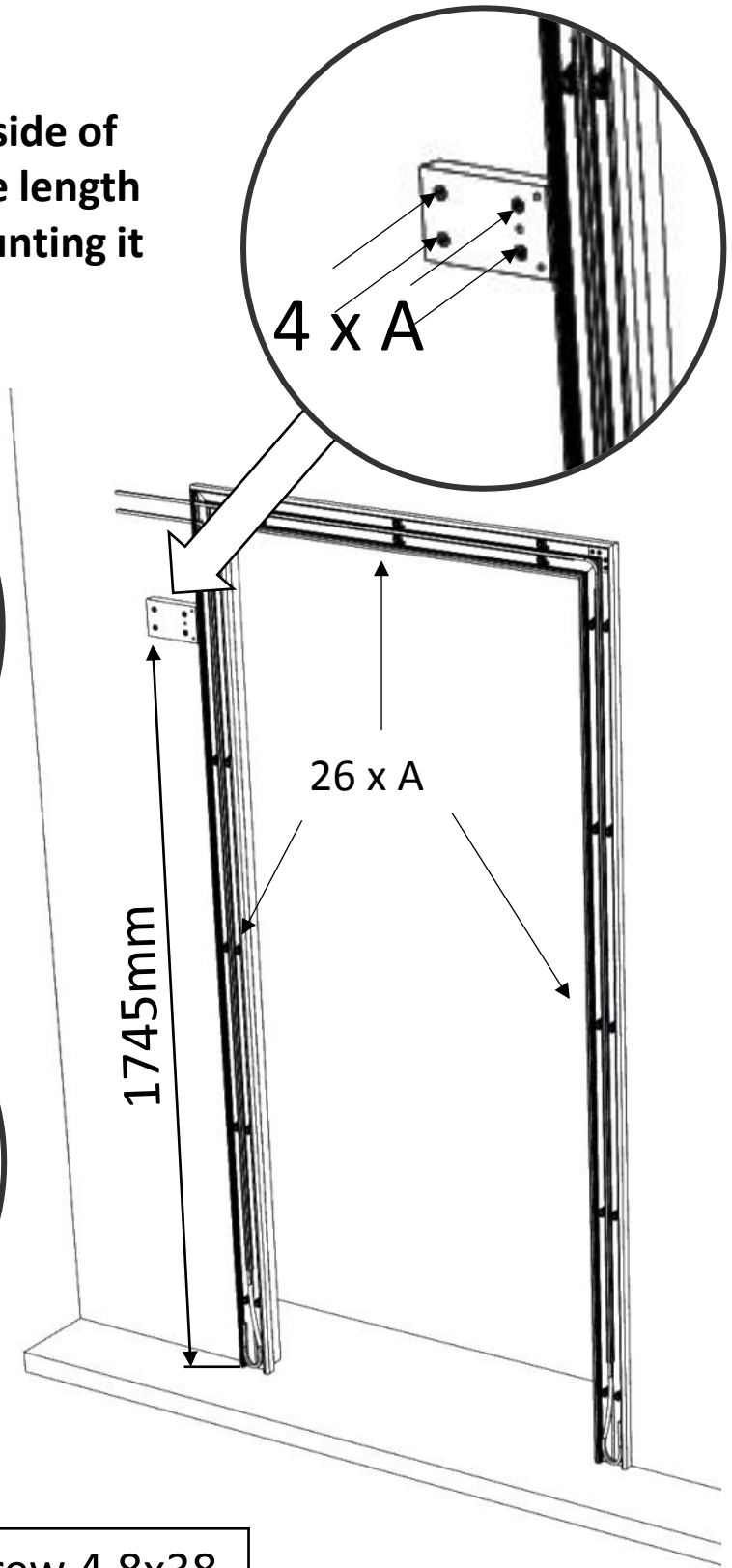
Step 02

Screw the frame and the handle angle bar holder to the wall

Put silicone on the back side of the frame over the entire length of the frame before mounting it to the wall.



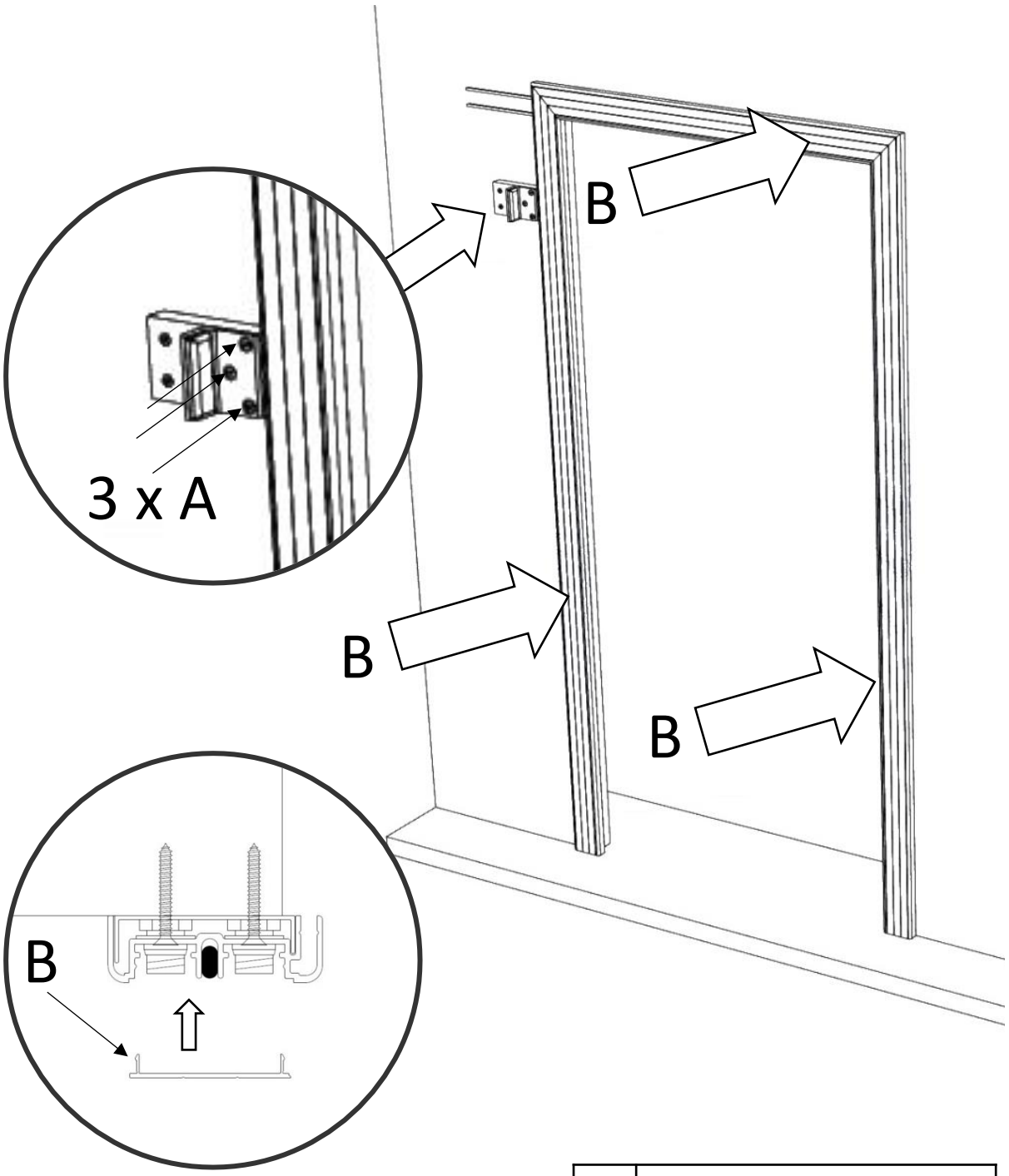




A	Sheet metal screw 4,8x38

Step 03

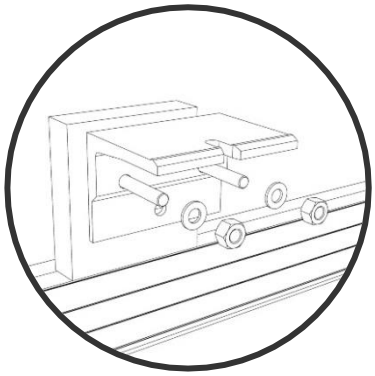
Mount the click in profile and the handle angle bar

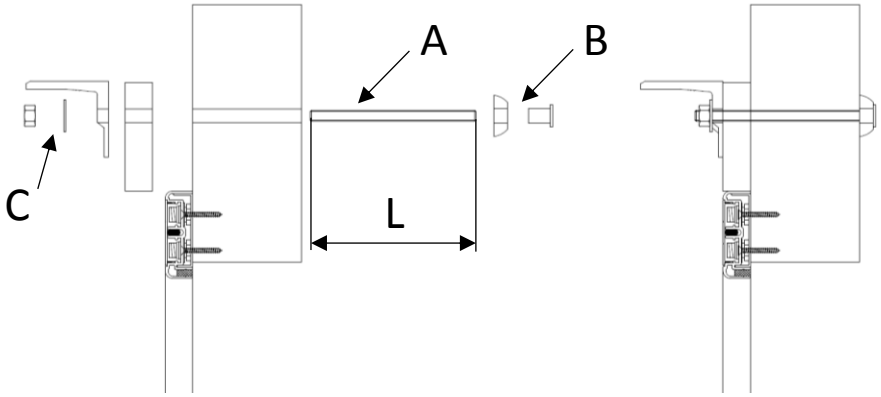


A	Screw M6 x 16
B	Click in profile

Step 04

Mount the rail support brackets to the wall

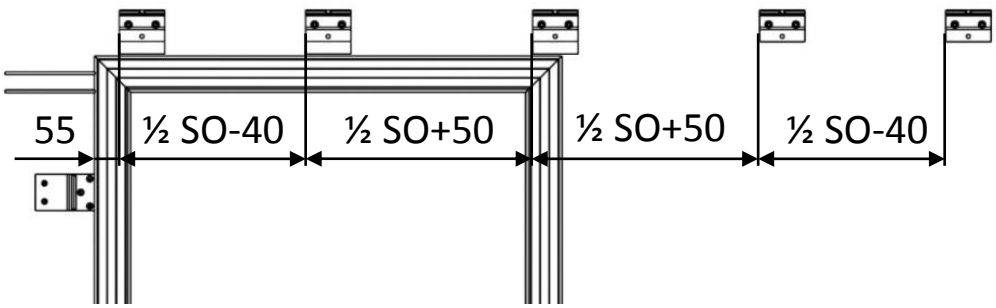




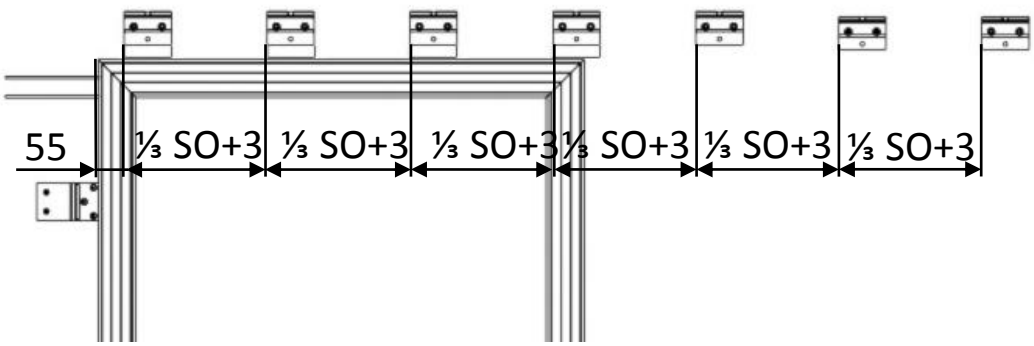
A	M10 threaded bolt
B	Isobolt M10 with washer
C	Nut M10 with washer

L= Wall thickness +35mm

SO $\leq$ 1900: 5 support brackets



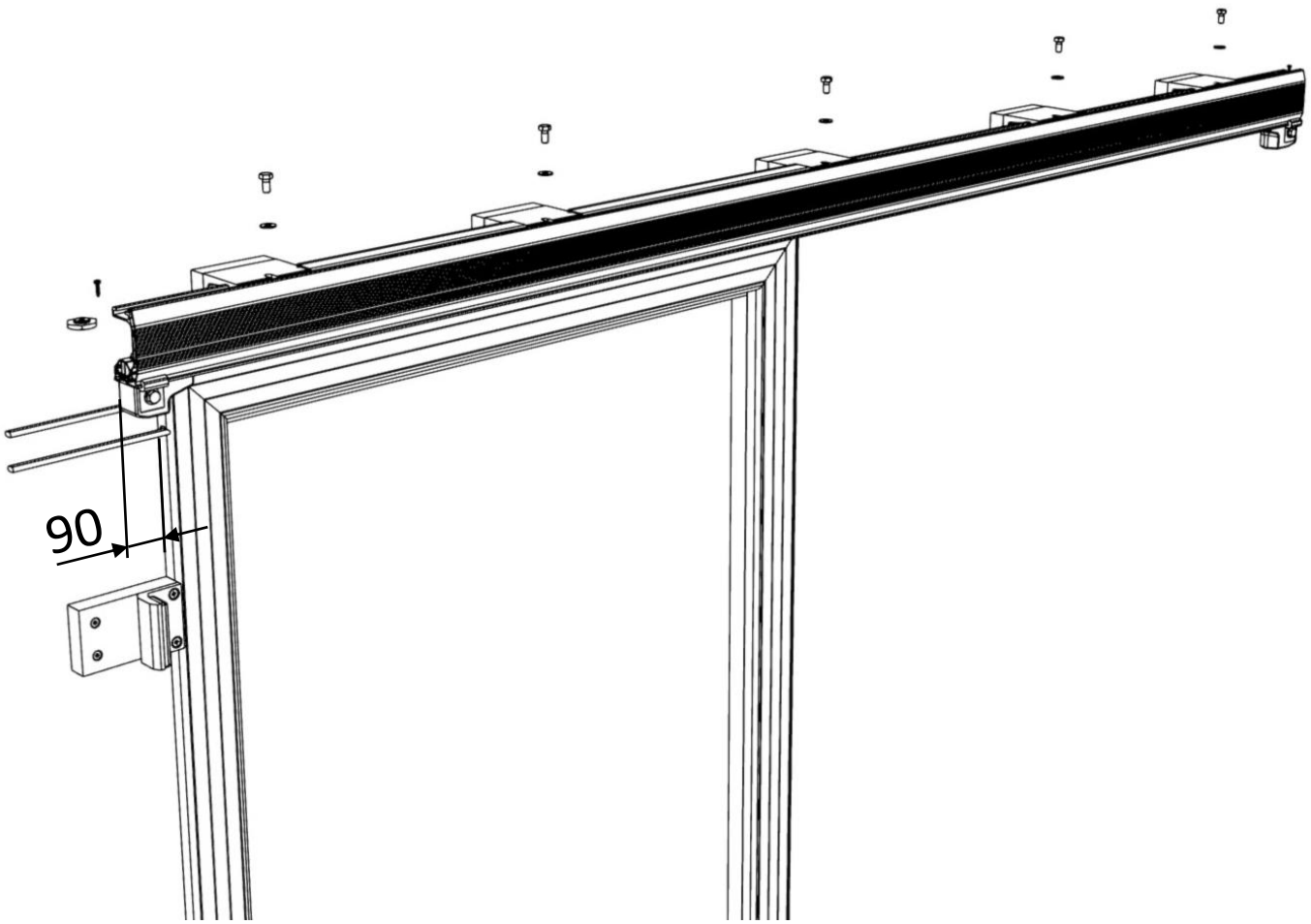
SO $>$ 1900: 7 support brackets

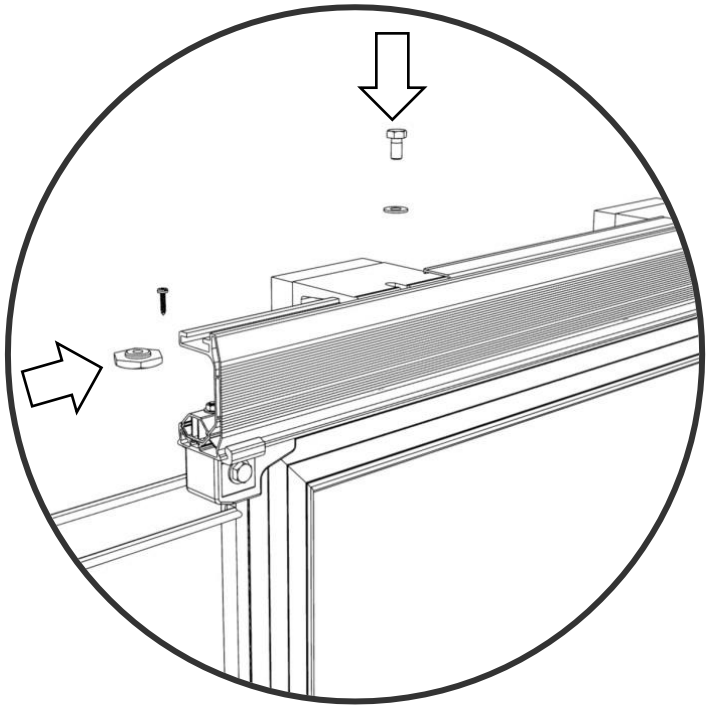


SO- structural opening width

Step 05

Mount the top rail

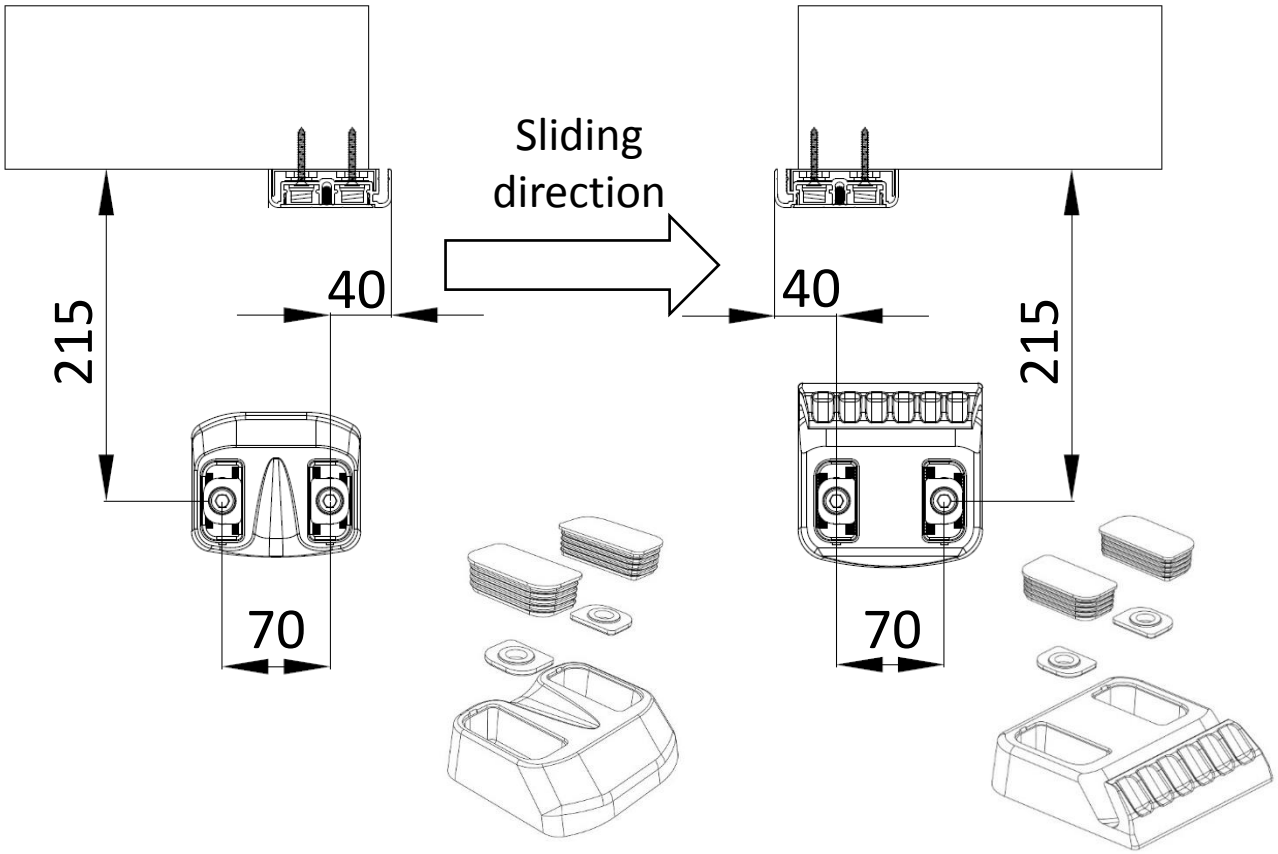




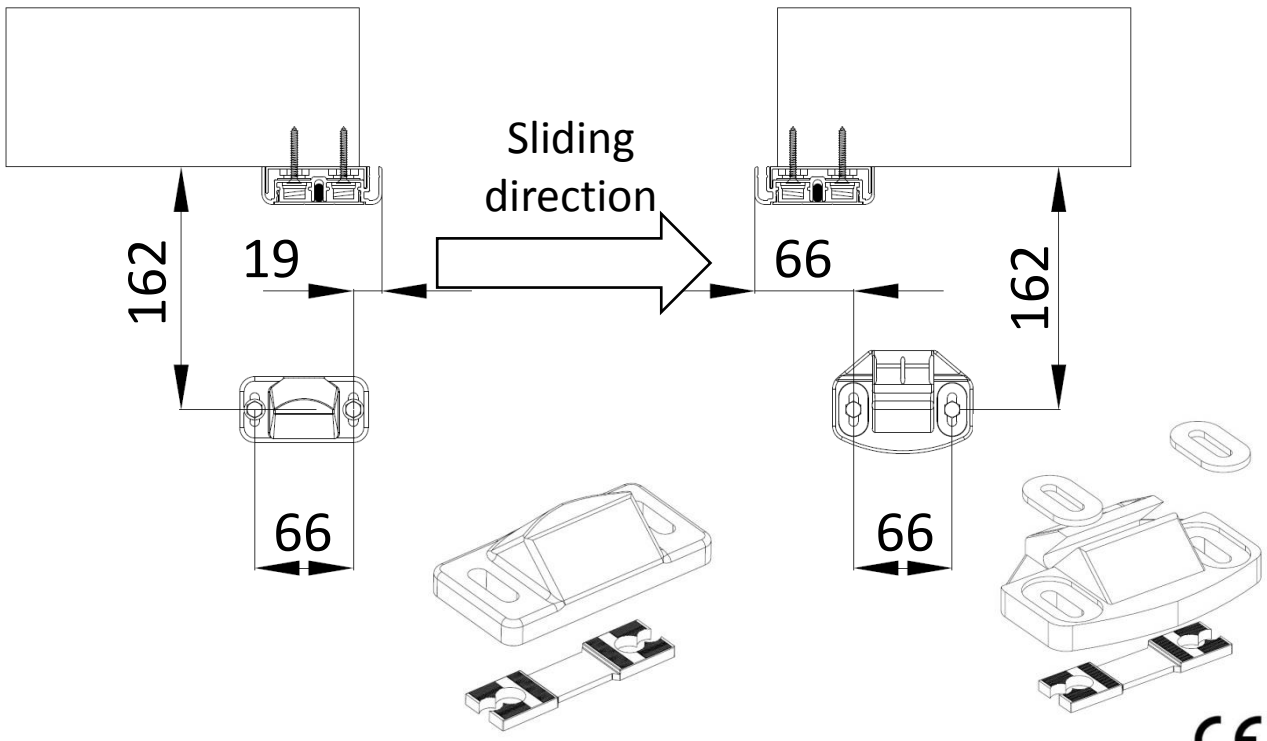
Step 06

Mount the bottom guides to the floor

Fermod 24 bottom guide

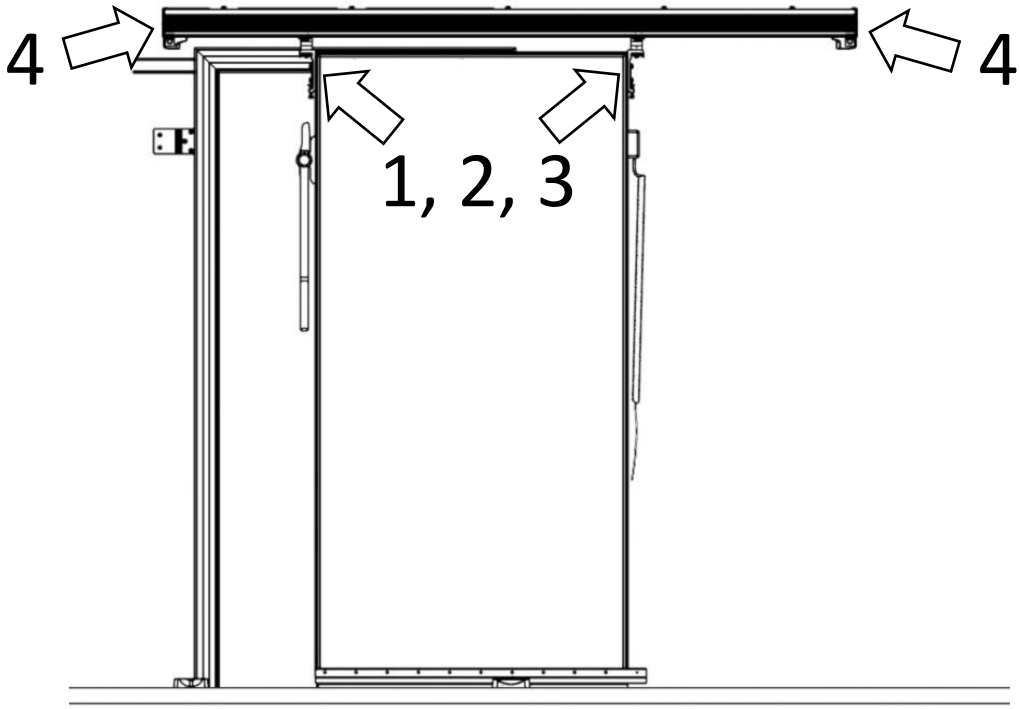


Fermod 23 bottom guide



Step 07

Mount the door leaf



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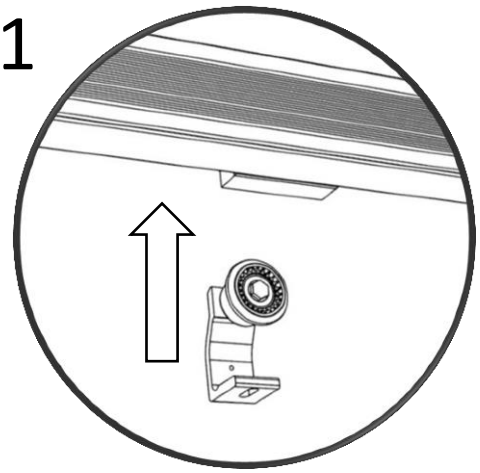

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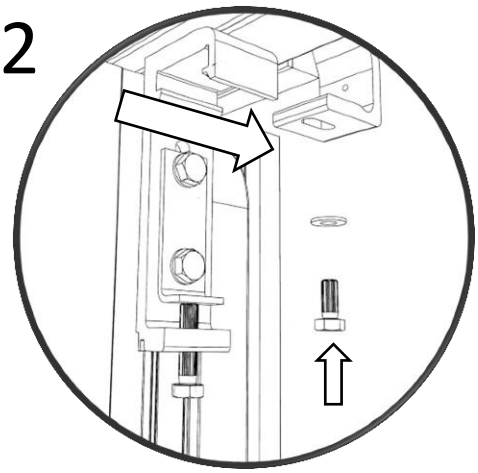

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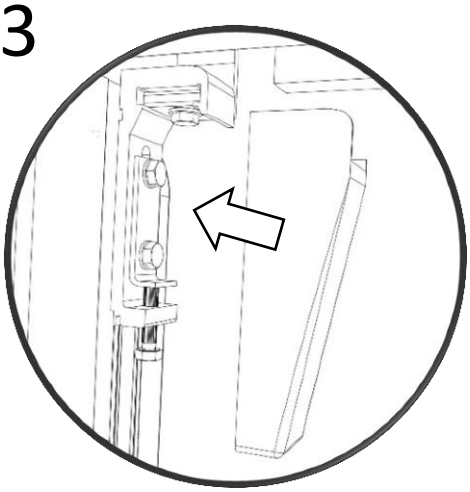

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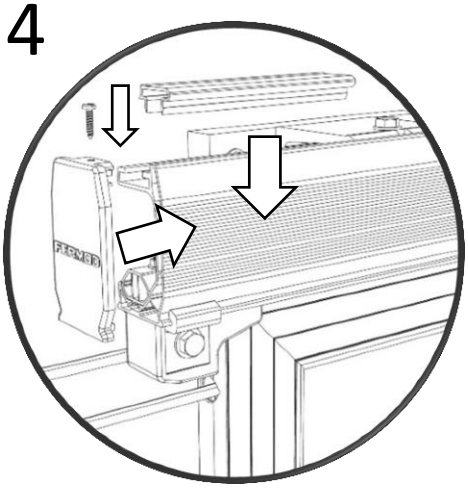
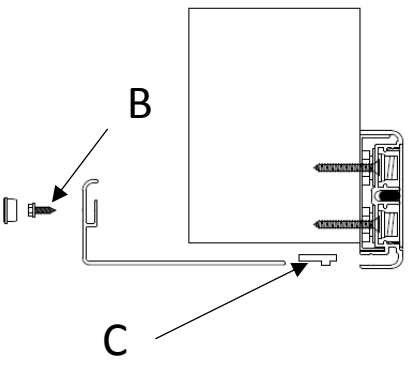


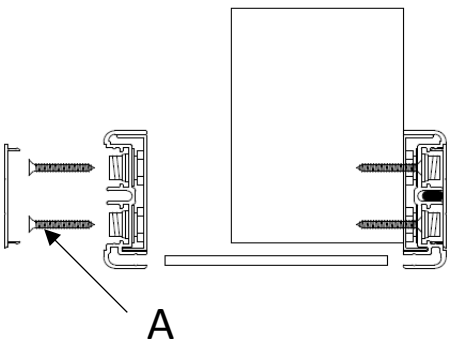
Step 08

Additional frame parts installation

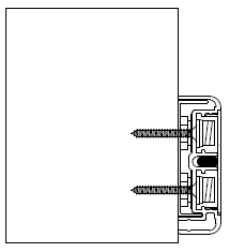
2-side frame type 1

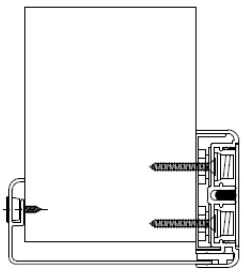


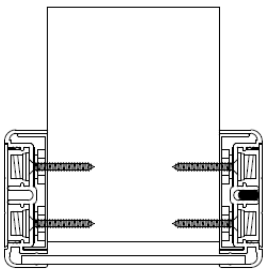
2-side frame type 2



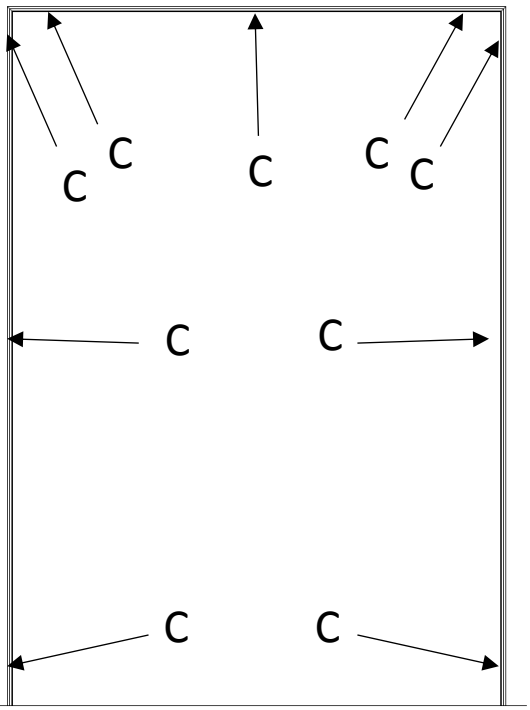
1-side frame

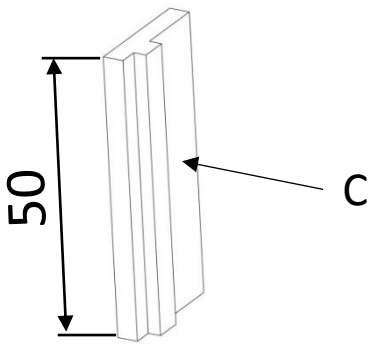






Foder holder placement (2-side frame type 1)



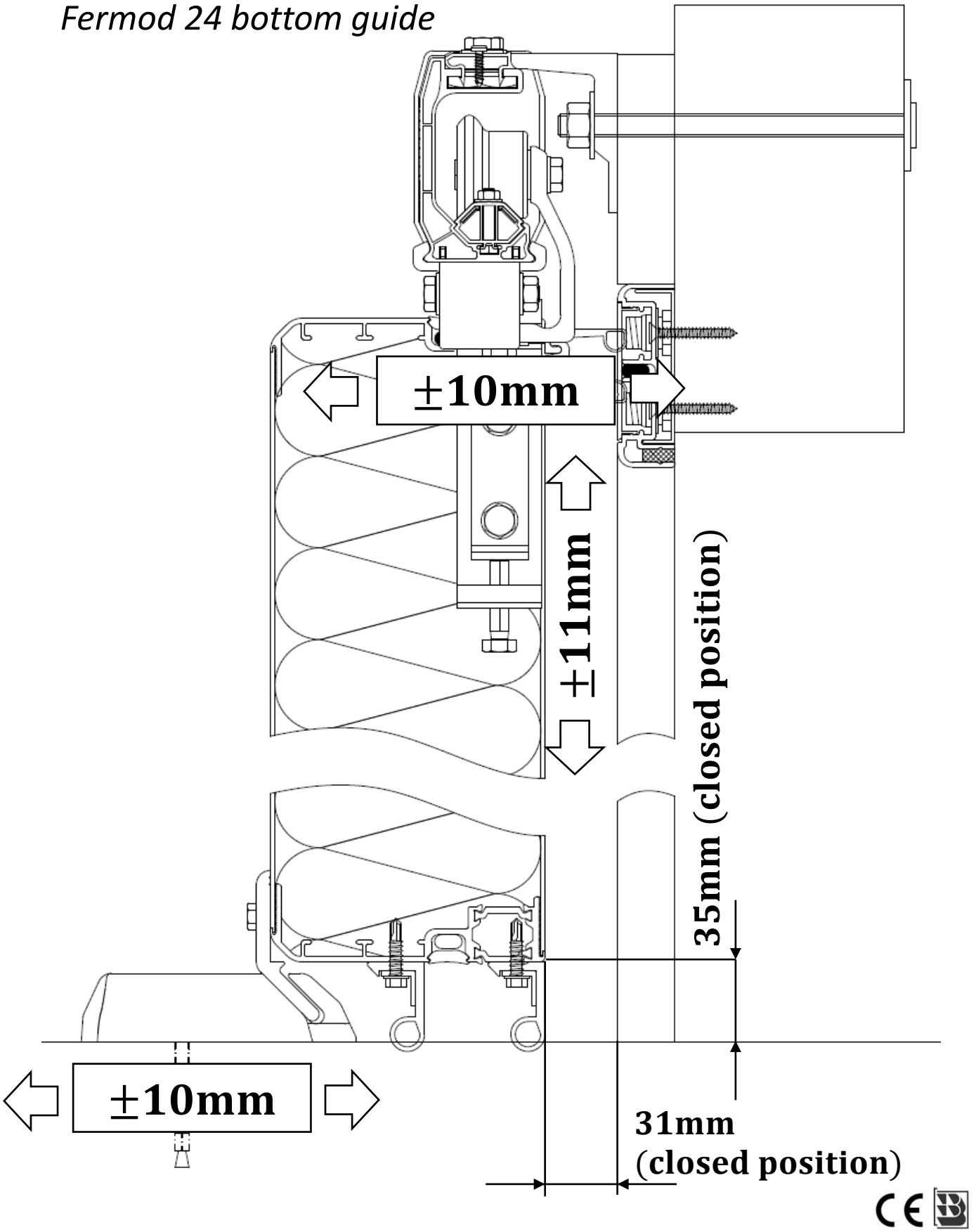


A	Sheet metal screw 4,8x38
B	Sheet metal screw 4,2x13
C	Angle profile holder L=50mm

Step 09

Adjust the door leaf

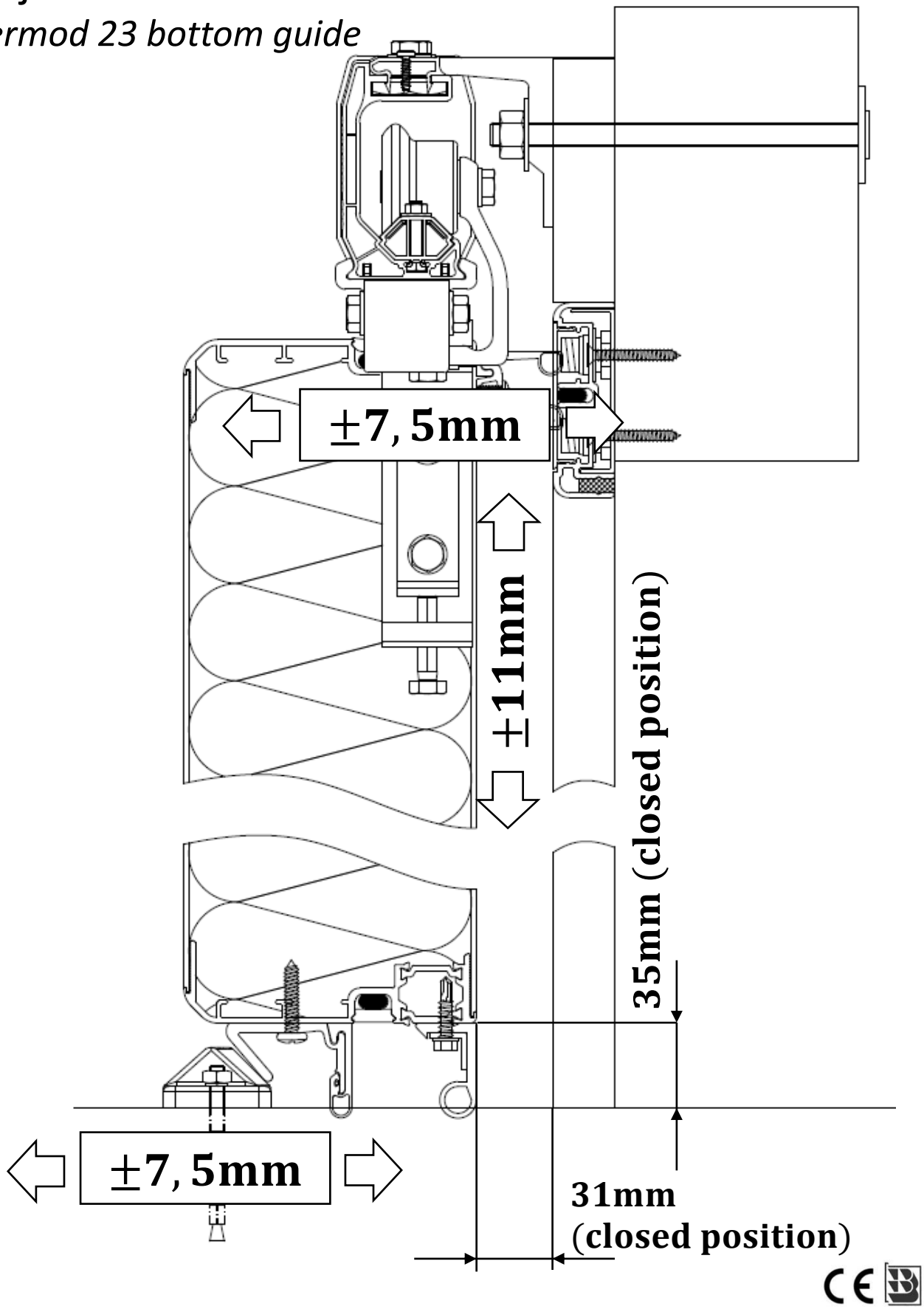
Fermod 24 bottom guide



Step 09

Adjust the door leaf

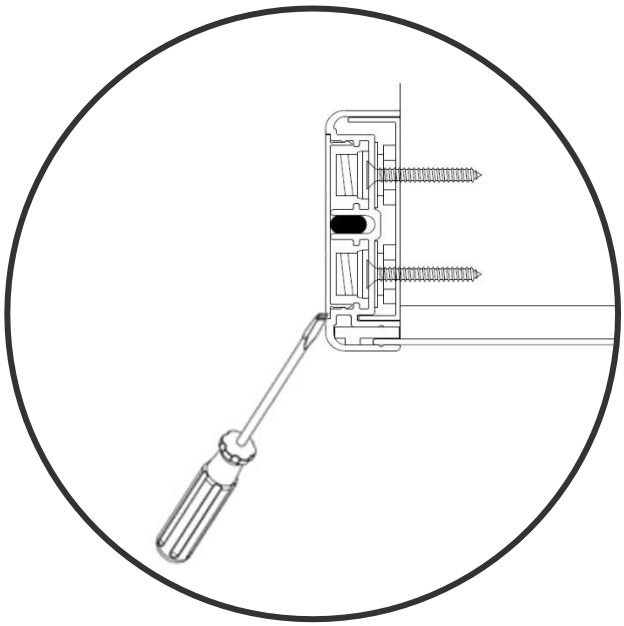
Fermod 23 bottom guide

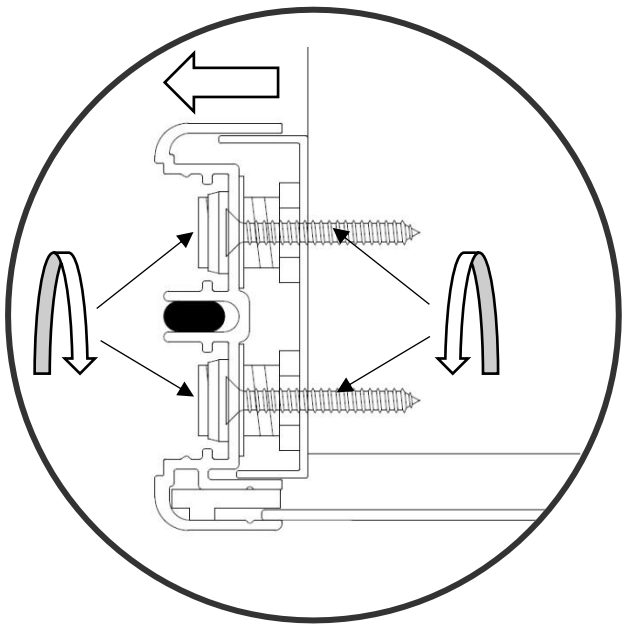


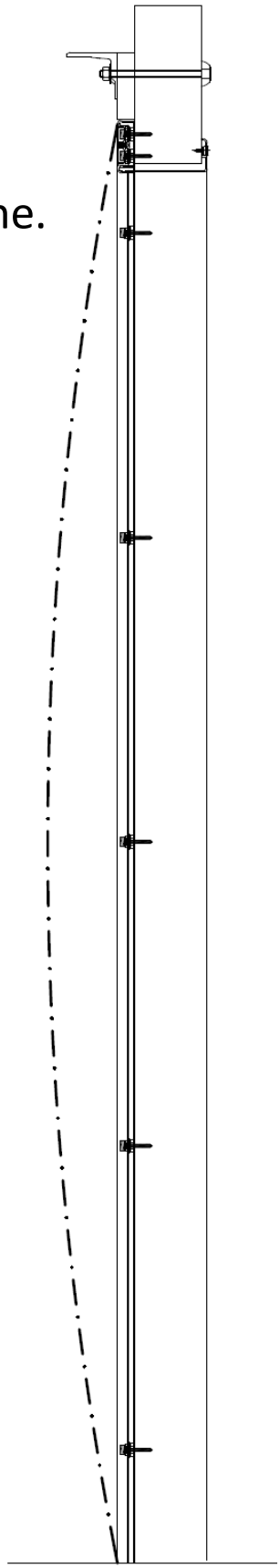
Step 10

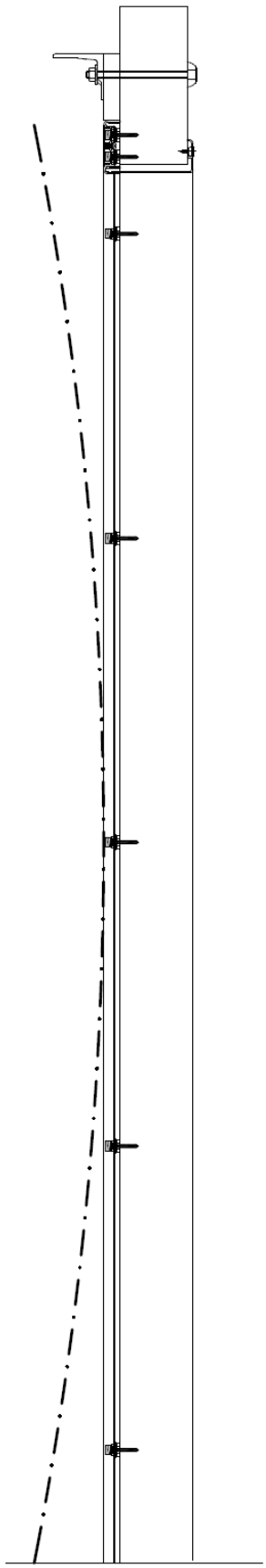
Frame adjustment with Flex Frame system

The door leaf gasket and the frame should be parallel from the top to the bottom.
If they are not, adjust the frame.



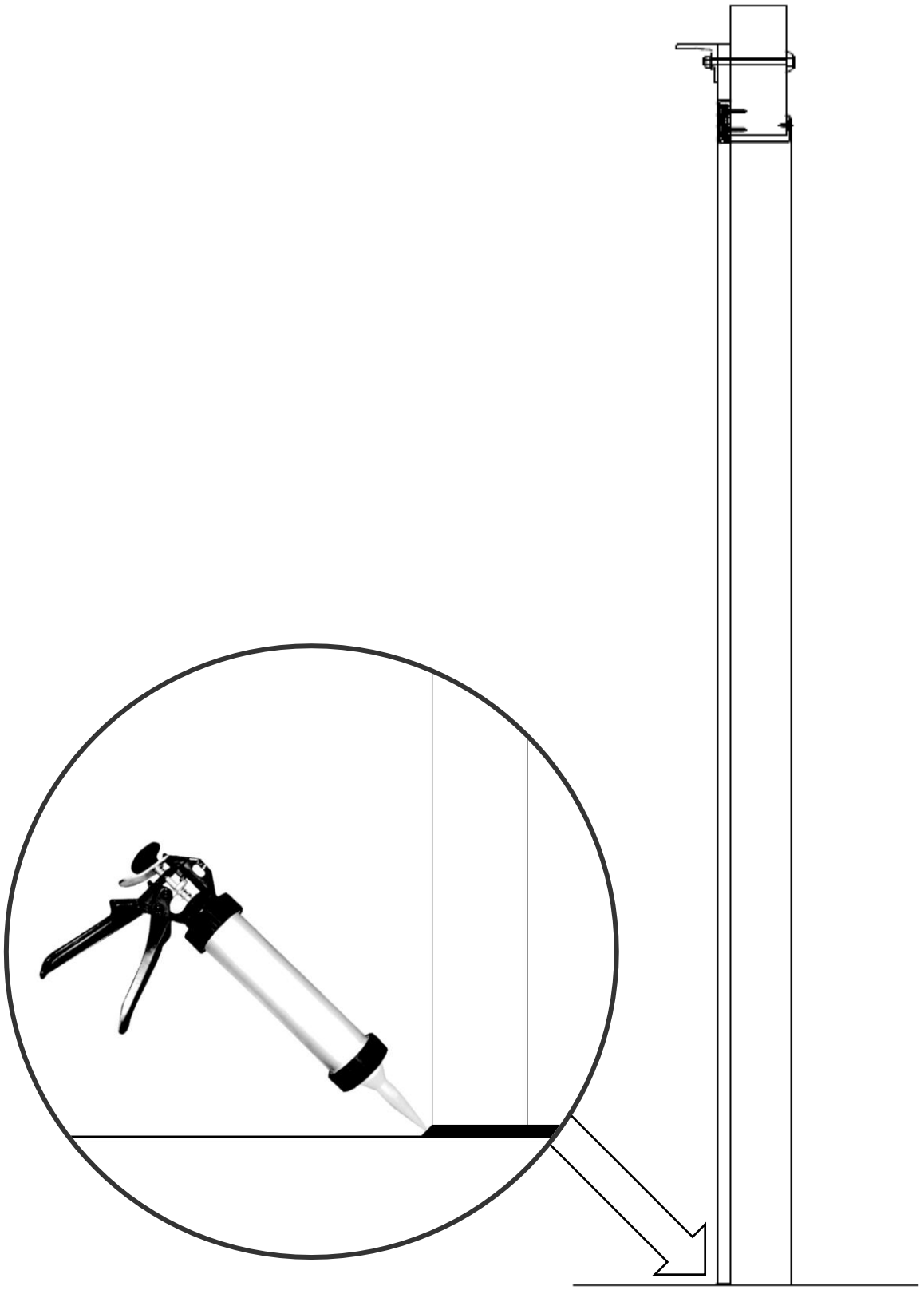






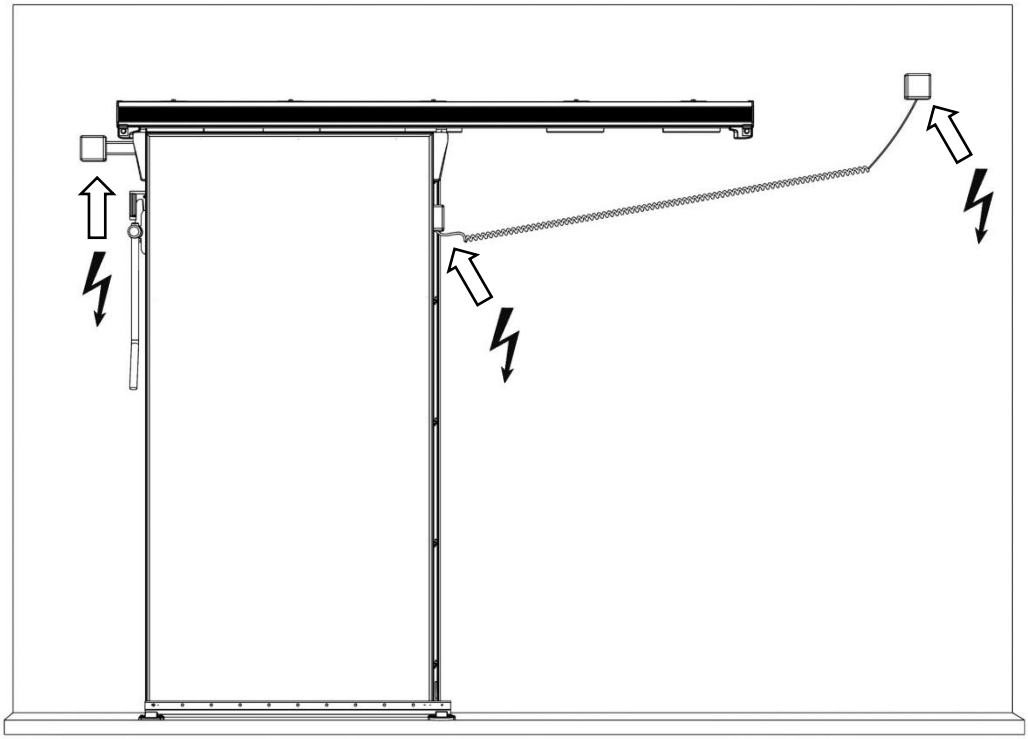
Step 11

Seal the space between the frame and the floor with silicone

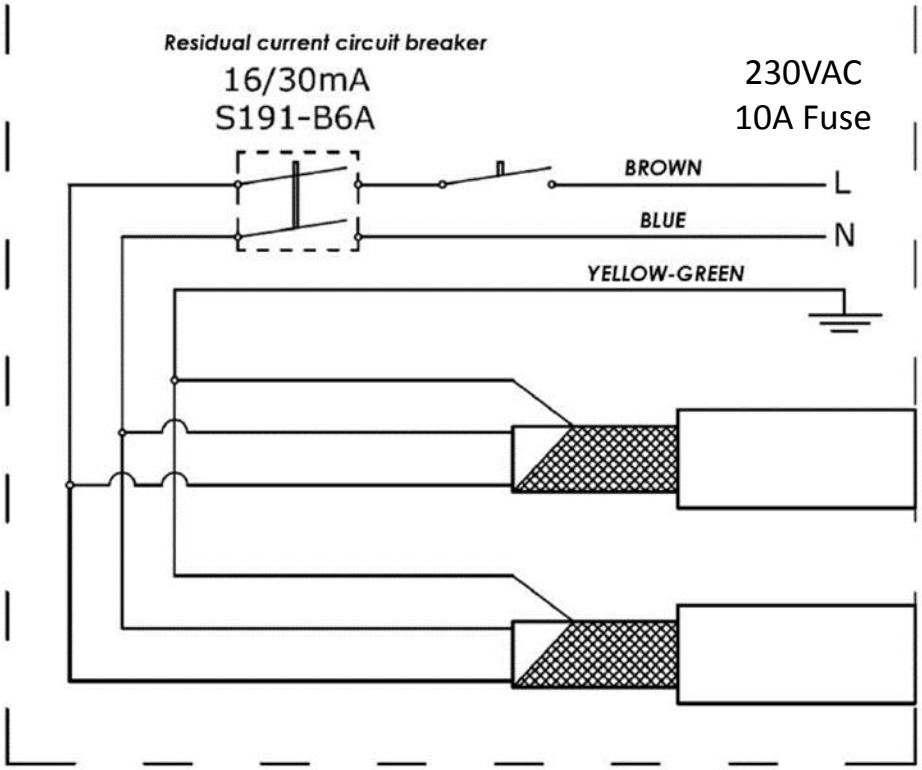


Step 12

Connect the heating wires



Power supply for heating wires



Grodzisk Wielkopolski, 20.11.2012

EC DECLARATION OF CONFORMITY

The last two digits are the year of marking with CE - 12

002/SKJ_120(SDF)/2012

(declaration number)

1. Manufacturer (place of production):

Ampol Serwis Sp. z o.o.
ul. Fabryczna 2
62-065 Grodzisk Wielkopolski
POLAND

2. Product name:

Inner door THERMOD
(group of products)
Door type SKJ 120 (SDF)
(type)
Grade 1

3. We hereby declare that our products meet following harmonized standards:
(F – fragments of standards)

EN 60335-1:2002 Household and similar electrical appliances - Safety. Part 1: General requirements (F)

EN 61293:1994 Marking of electrical equipment with ratings related to electrical supply - Safety requirements (F)

EN 62395-1:2006 Electrical resistance trace heating systems for industrial and commercial applications - Part 1: General and testing requirements

4. We hereby declare that our products meet following harmonized standards:

2006/95/WE Directive 2006/95/WE of the European Parliament and Council of 12th December 2006 on the harmonization of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits (codified version)

This declaration of conformity is the basis for labeling a product with CE according to LVD directive.

This declaration relates only to the doors in the condition which they were introduced to the market, and excludes components which were added by the end user or subsequent actions carried out by him.

Adam Szloser
Member of Board
(signature)

Ulf Torbjorn Johansson
Member of Board
(signature)

Ampol Serwis Sp. z o.o.
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62-065 Grodzisk Wielkopolski
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