SLIDING DOOR: ASSEMBLY INSTRUCTION

SERIES 1200 LED DOOR

Version 1.3   (2016-11-22)

	easy	medium	difficult
Assembly			

Subject to technical changes.

raumplus

CONTENT AND TOOLS

CONTENT:

TOOLS:
(without claim of completeness)

- Hack saw
- Allen key set
- Drilling machine
- Drill set metall
- Rubber mallet

- Wire cutting pliers
- Pencil
- Water level
- Straight edge (optionally)
- Mounting aid LED strip

PRODUCT INFORMATION

GENERAL INFORMATION: **Preparation**

■ This manual is part of the product and describes the safe and proper installation of the system. Please read the instructions carefully before installation

■ Please note that the assembly should only be done by qualified and trained staff in strict compliance with all details indicated in this document. Improper installation in variation from manufacturer's specification may cause defects and danger, thus endangering the safe fixing of the product as well as the safety of the prospective user. The liability of the manufacturer shall be excluded in case of defects and consequential damages resulting from incorrect assembly of this product.

■ Please check the completeness of the delivered parts and check carefully if any transport damages are visible.

■ If any parts are damaged or lost, please immediately contact the responsible supplier.

■ It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for **raumplus** products.

SYMBOLE:

Symbol	Importance
⚠	Risk or danger!
ⓘ	Advice and information
🖹	Additional information / other documents
⚡	Electrostatic discharge prevent
➡	Directional data / direction of movement
✔	„yes" and „right"
✘	„no" and „wrong"
①②③	Follow the order

SYSTEM:

System Information: S1200 LED 24V System

■ max. weight of element = **180 kg**

■ min./max. door height = **700 mm / 2750 mm**

■ min./max. door width = **500 mm / 1400 mm**

■ Calculation (W): **1** m = **7,8** W Max **60**W per door.

60W = **7,69**m LED strip

PRODUCT INFORMATION

GENERAL INFORMATION: **Product safety**

■   The sliding door system complies with the prior of the art
      and the authorized safety rules at the time of delivery.

USE: **Intended use**

■   The prerequisite for the intended use of our products is the professional installation
      according to our installation instruction. Sufficient fittings must be available and
      durably installed to all relevant places.
      The function of the fittings must not be hindered or altered during installation.

■   Special solutions are only possible in consultation with **raumplus**.

Incorrect use

■   Risk or danger may occur in the following cases:

   -    the door system has improperly been installed or maintained
   -    the safety and installation instructions have not been followed.
   -    after improper installation or inadequate fixing (e.g. to parts of buildings)
   -    the maximum weight of the doors has been exceeded.
   -    the maximum wattage of EVG`s (electronic ballast) is exceeded.
   -    improper shock and case loads or other additional loads on the fittings have occured
   -    the fittings have been used outside.
   -    body parts or objects got into the closing edges or door runnings during use
        of the door wing.
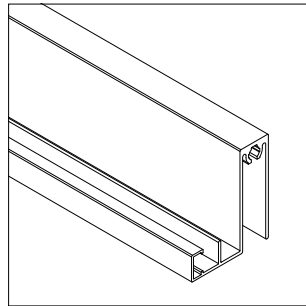   -   the door system is not used as intended.

Structural modifications

■   Structural modifications that are not offered as an accessory from **raumplus**
      may only be attached or installed with permission of **raumplus** GmbH!
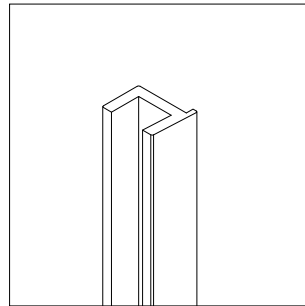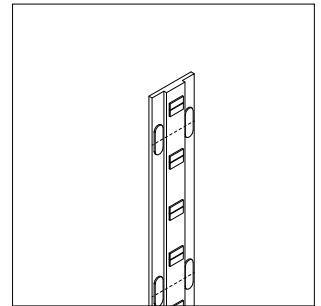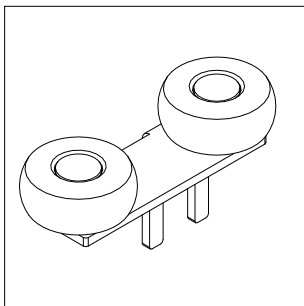
ACCESSORIES
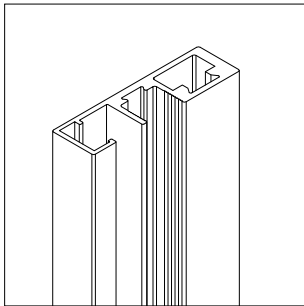
1_ 12.11.022

2_ 12.16.020

3_ 12.17.010

4_ 10.42.040 / 10.42.041

5_ 10.01.013
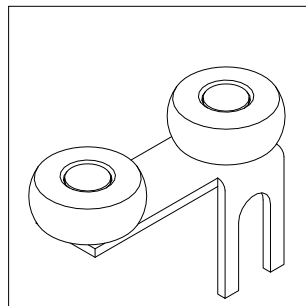
6_ 10.01.014
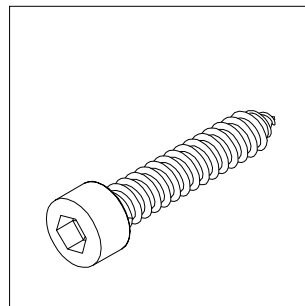
7_ 10.07.21x
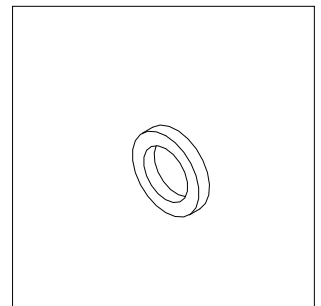
8_ 10.07.215
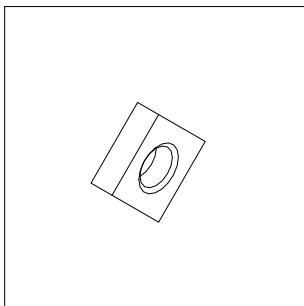
9_ 10.42.051
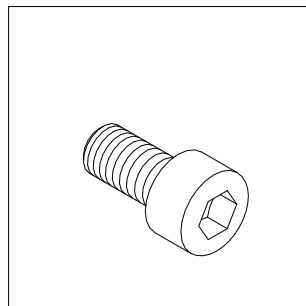
10_ 10.42.052
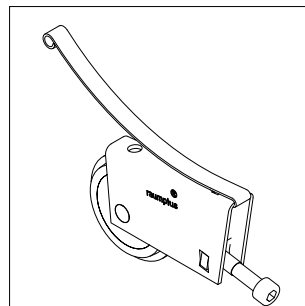
11_ 10.01.120
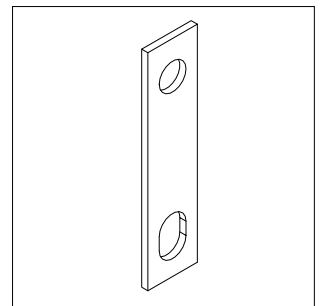
12_ 10.01.070

1_ Stile S1200 LED

2_ Rail S1200 LED

3_ Cover profile for LED door

4_ LED strip f. stile S1200

   2,800 mm, incl. Lead 2m

   LED strip f. rail S1200

    2,800 mm, incl. Leads 2 + 3m

5_ Top roller S1200 left

6_ Top roller S1200 right

7_ Frame screws 6,3 x 32mm

8_ Washer for frame screw

9_ M6 square nut

10_ DIN 912 - M6 x 12 socket head cap screw

11_ Bottom roller incl. antijump,

12_ Reinforcement for punching holes

without illustration:

13_ Double sided tape 9mm x 50m   (25.12.058)

14_ LED Y- distributor   (10.42.043)

15_ Panel

16_ Cover set profiles   (10.42.050)

17_ Countersink set w. guiding pin   (30.14.020)

   for drilling template S1200

18_ Press-on tool for LED stripe   (30.15.031)

19_ Gasket all series transparent   (10.07.0xx)

20_ Gasket all series dark   (10.07.1xx)

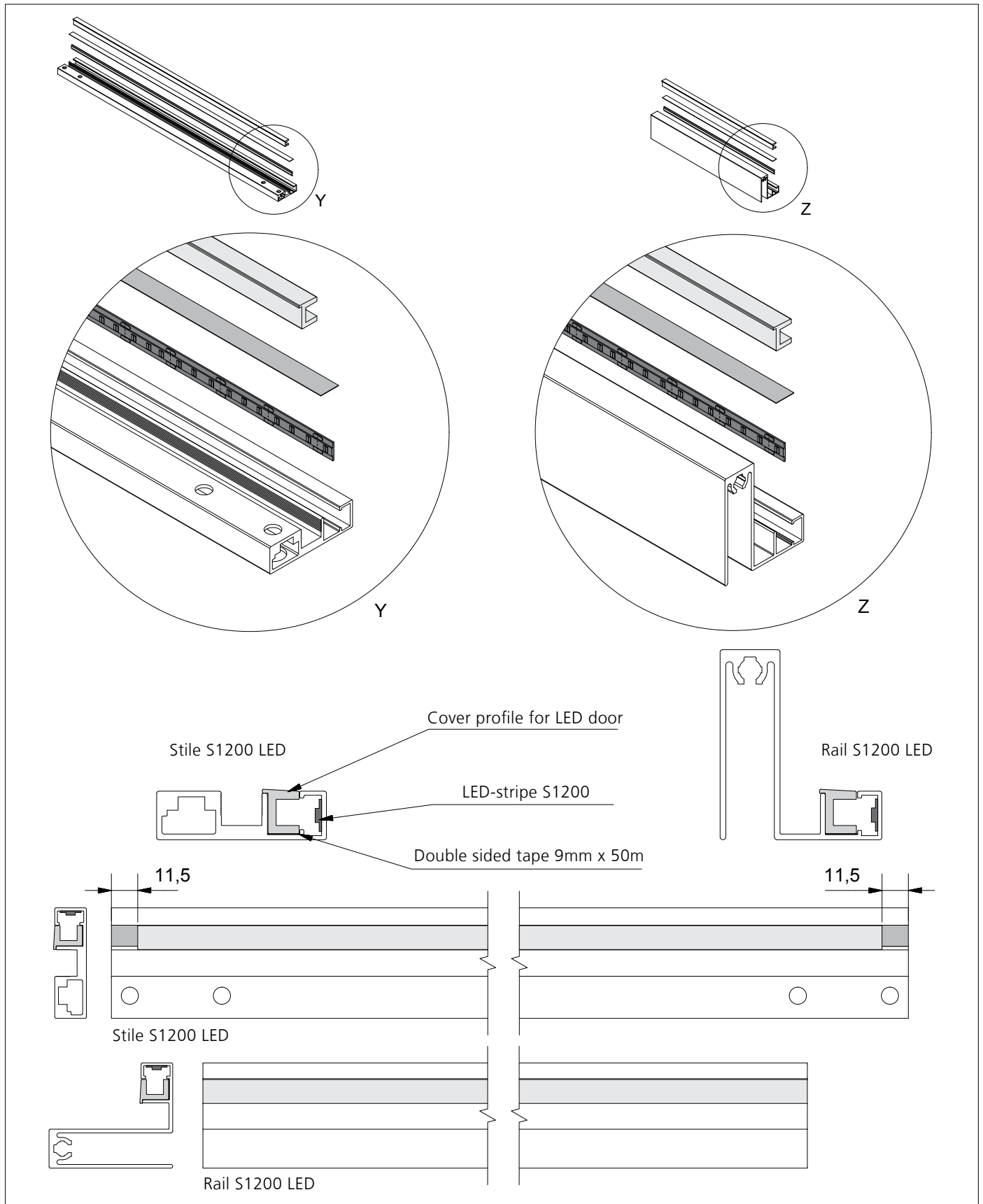**21_** Handle rectangular, self-adhesive   (10.01.91x)

22_ Handle rectangular (backside) for walkthrough   (10.01.94x)
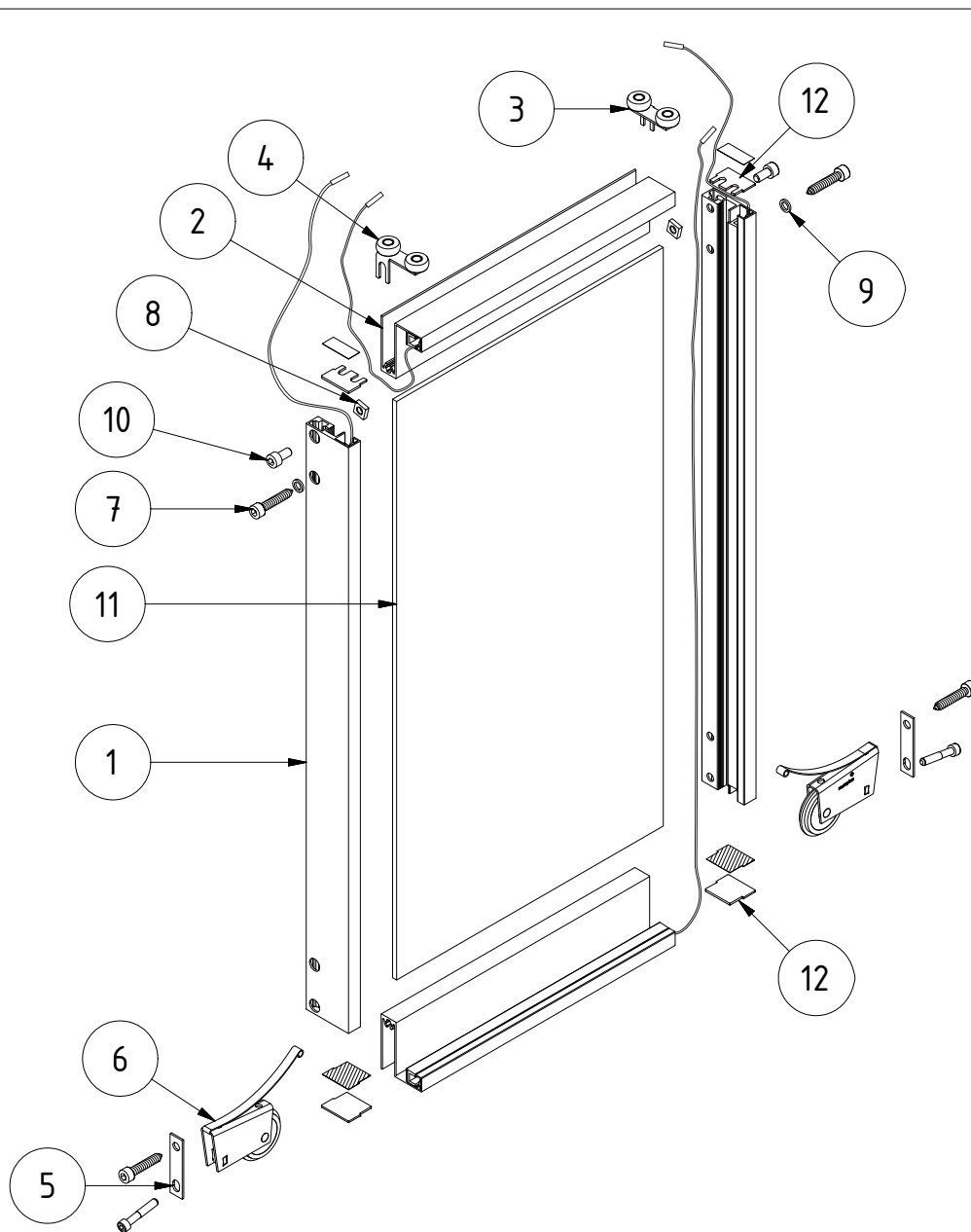
   (only for wood panel)

DETAIL DRAWING

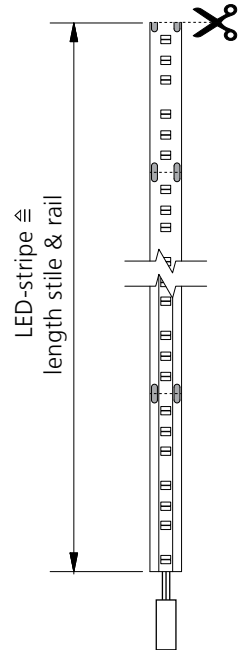ASSEMBLY OF LED LIGHTING

Y

Z

Y

Z

Cover profile for LED door

Stile S1200 LED

LED-stripe S1200

Double sided tape 9mm x 50m

Rail S1200 LED

11,5

11,5

Stile S1200 LED

Rail S1200 LED

1_

DETAIL DRAWING

EXPLODED DRAWING

Item list			
Object	**Quantity**	**Item**	**Item no.**
1	**2**	Stile S1200 LED	12.11.022
2	**2**	Rail S1200 LED	12.16.020
3	**1**	Top roller S1200 right	10.01.014
4	**1**	Top roller S1200 left	10.01.013
5	**2**	Reinforcement for punching holes	10.01.070
6	**2**	Bottom roller incl. antijump,	10.01.120
7	**4**	Frame screws 6,3 x 32mm	10.07.21x
8	**2**	M6 square nut	10.42.051
9	**2**	Washer for frame screw	10.07.215
10	**2**	M6 x 12 socket head cap screw	10.42.052
11	**1**	Panel	-
12	**1**	Cover set profiles	10.42.050

2_

CUTTING DIMENSIONS

PROFILES / PANEL

8,6

⌀10

⌀6,5

42

7

⌀6,5

⌀10

stile length = door height

door height = room height - 60 mm

⌀6,5

⌀10

42

7

⌀6,5

⌀10

8,6

Cover profile for LED = stile length -**23** mm

LED-stripe ≙ length stile & rail
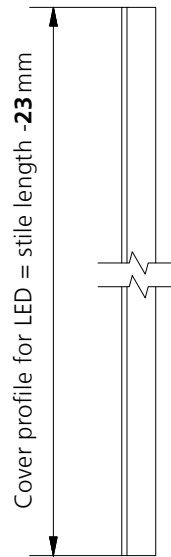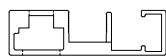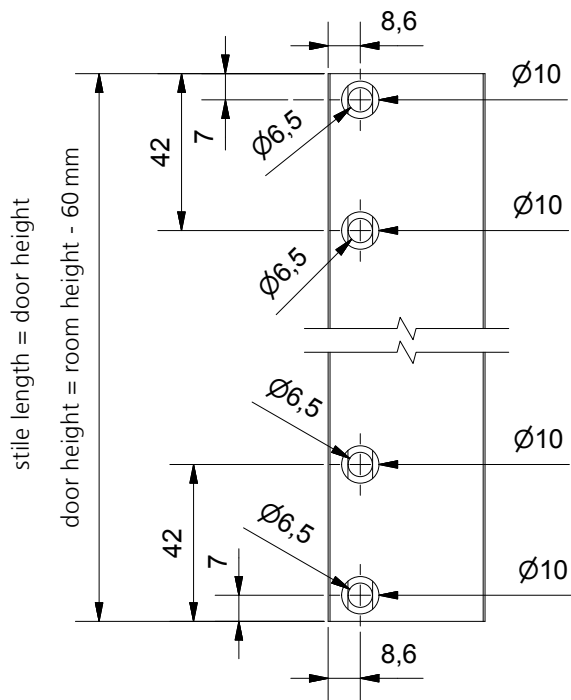
ℹ The LED-stripe can always be separated in the center of the copper points, every **100** mm.

Cutting dimensions for panel S1200 sliding door (without dividing rail):	
panel height	= door height - 6 mm wood-based material
	= door height - 7 mm gasket
panel width	= door width - 11 mm
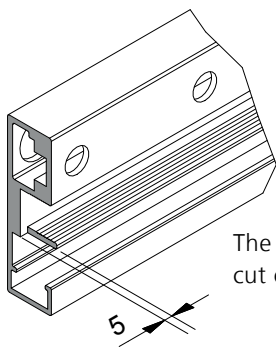
The vertical stile must be cut on top and bottom.

5

A The drills (2,5mm) for the mounting plate Energy chain only necessary in the upper rail.

⌀2,5

⌀2,5

20

20

28

28

rail length = door width - 24 mm

Cover profile for LED = length rail
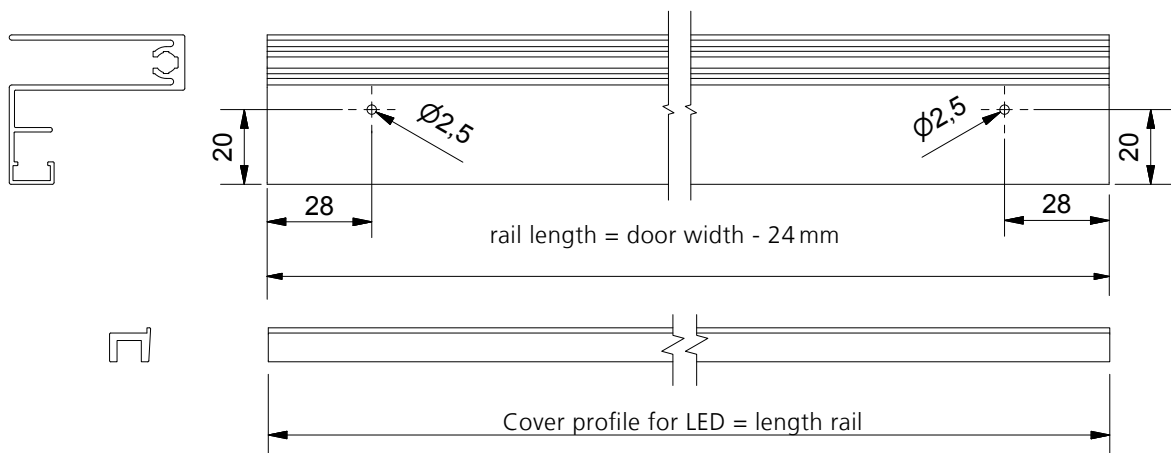
ASSEMBLY INSTRUCTION

PANEL AND PROFILES

ⓘ The gasket is only necessary
for glass panels less than 10 mm.

Begin in the top center
and pull the gasket
around the panel.

Cut the gasket just in
front of the corner and
pull around.

1_ Place panel on a table

ⓘ Pay attention to the cable guide, start with the connection side.
Press the LED-stripe firmly into the profile.
The LED-stripe must not be damaged or twisted.
Then test the LED stripe.
The LED-strip can be separated every 100 mm
in the middle of the copper points.

Note the length of the LED-strips.
Leave the LED stripe 2-3 mm in the profile.

The edge must
be free of burrs
and not sharp.

① ② ③

2-3mm

2_ Gluing the LED flexstripe / Press the LED band with the press-on tool for LED stripe firmly into the profile

ASSEMBLY INSTRUCTION

LED STRIPE

The LED-stripe can always be separated in the center of the copper points.
The excess length of the LED stripe can be pushed back in the profile.
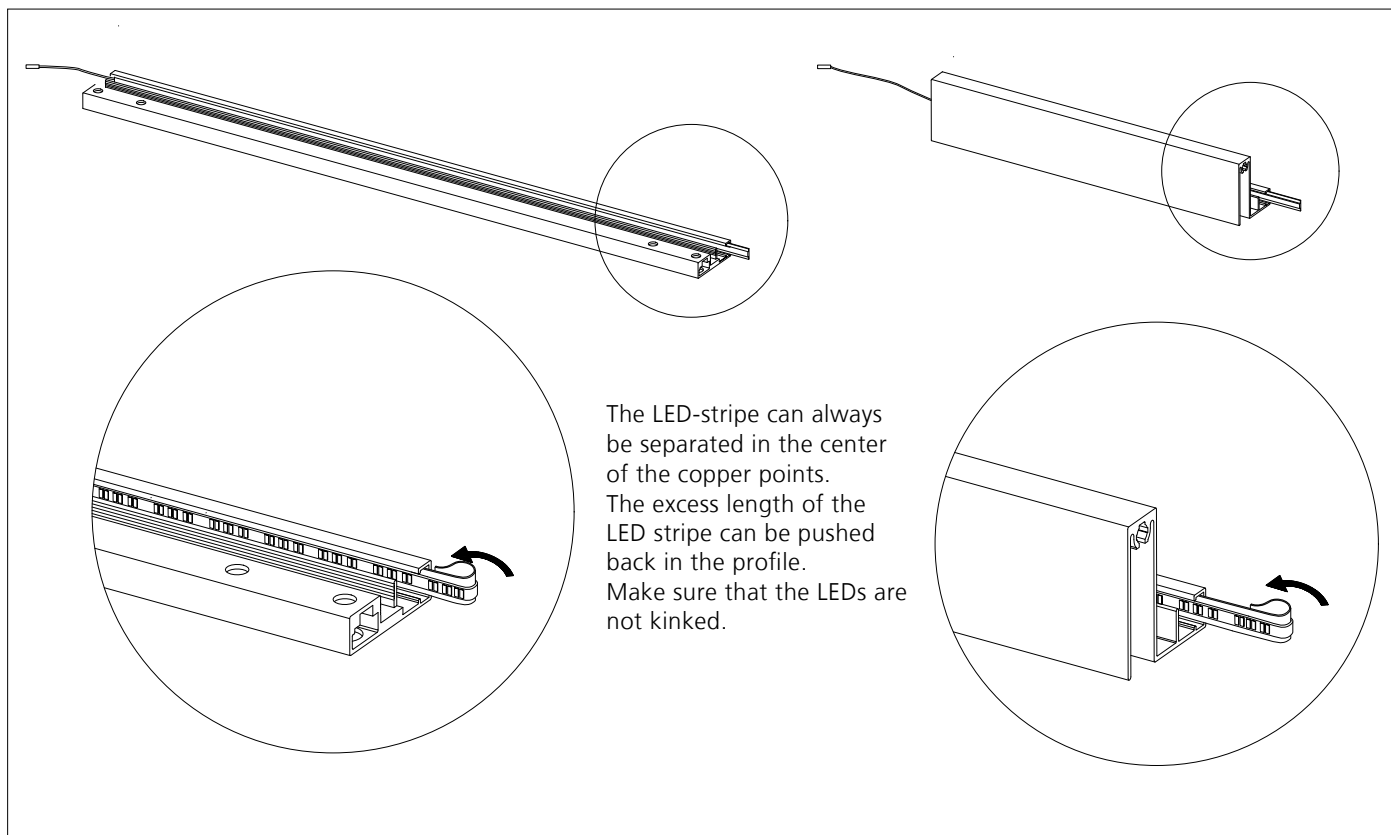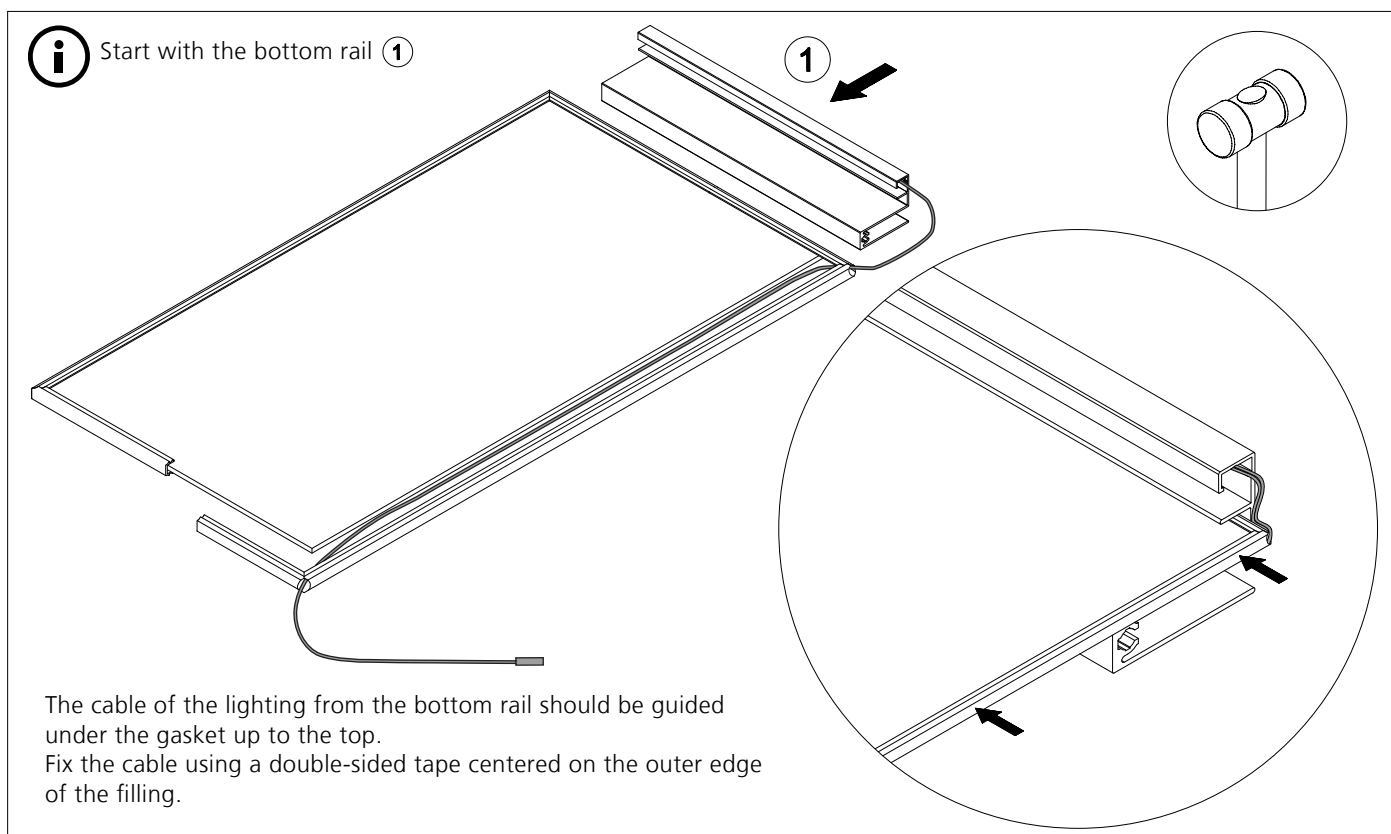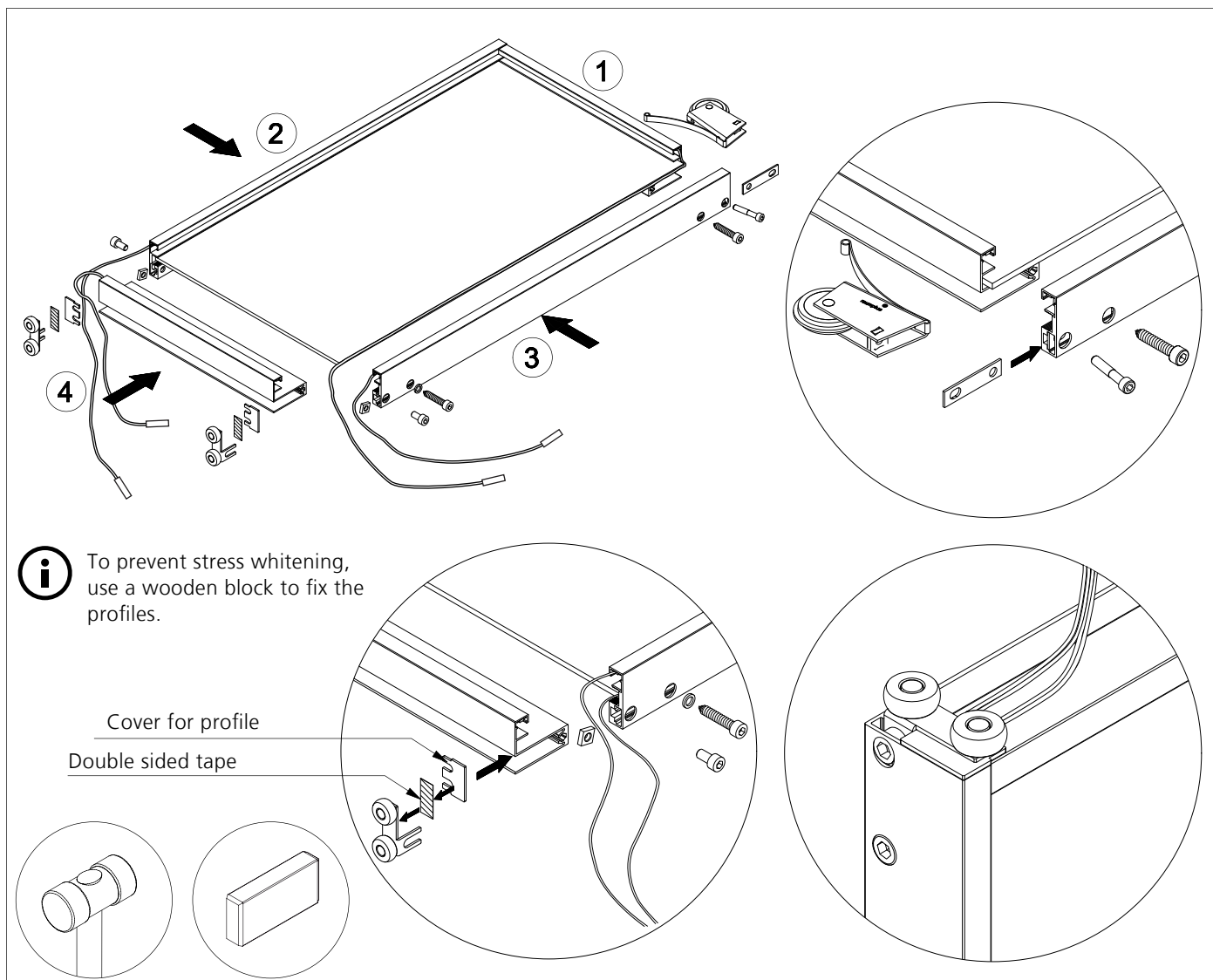Make sure that the LEDs are not kinked.

3_

ⓘ Start with the bottom rail ①

The cable of the lighting from the bottom rail should be guided under the gasket up to the top.
Fix the cable using a double-sided tape centered on the outer edge of the filling.

4_ Assembly of the LED-door

ASSEMBLY INSTRUCTION

LED-DOOR

To prevent stress whitening, use a wooden block to fix the profiles.

Cover for profile

Double sided tape

5_ Assembly of the LED-door

Cover profile for LED door

Double-sided tape 9mm x 50m
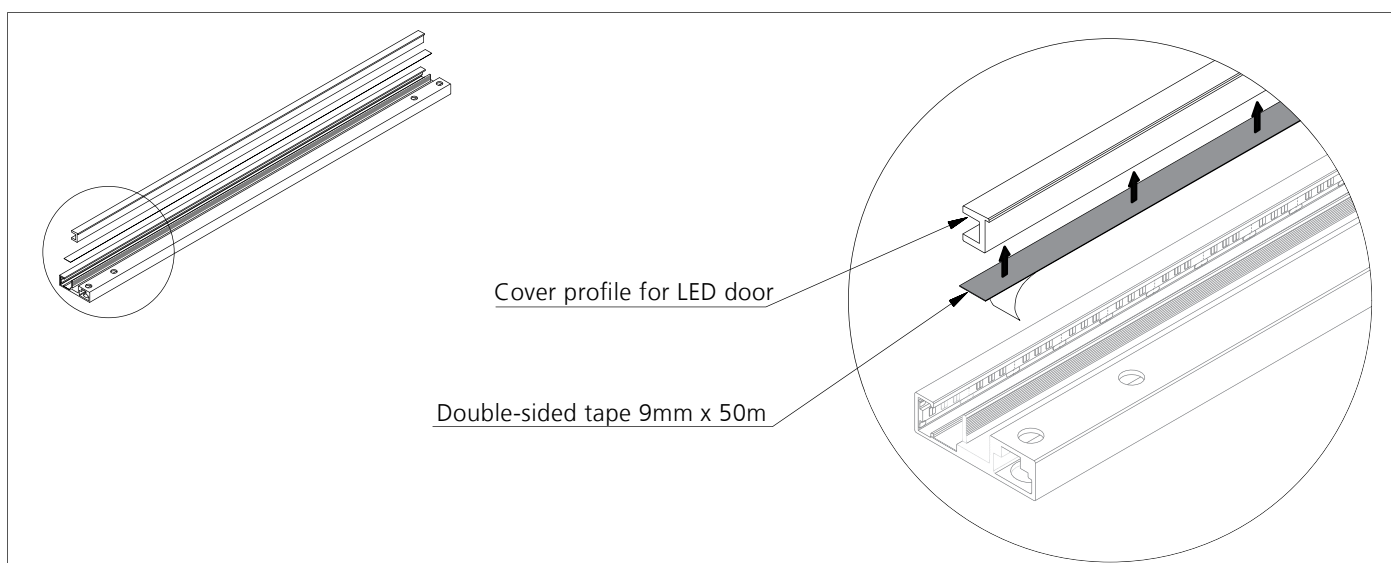
6_ Stick the double-sided tape on the cover profile

ASSEMBLY INSTRUCTION

COVER PROFILE

approx. 6mm

45°

Bevel the cover profile for the vertical profiles.

④

②

①

③

Double sided tape

Cover profile for LED door
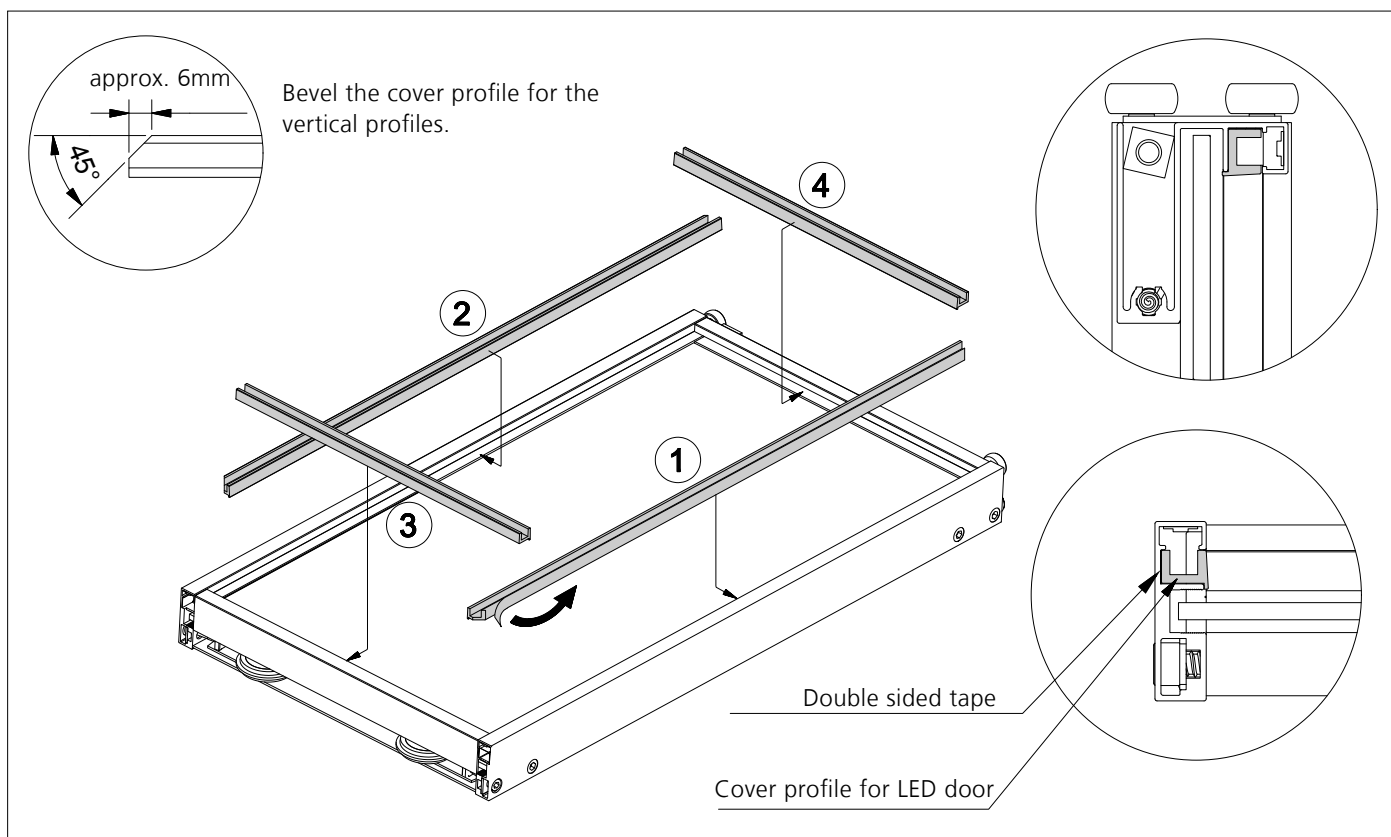
7_ Inserting the cover profile

Connect the plug to the Y-connector and stow everything in the top rail.

Double sided tape

Cover for profile

8_