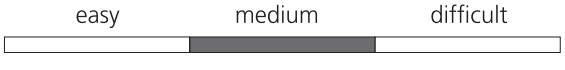
SLIDING DOOR: ASSEMBLY INSTRUCTION

SYSTEM C42 DOOR WITH WOODEN FRAME

Version 1.0 (2013-05-23)

4.03.2.c

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 / wood / stone
- screwdriver set
- rubber Hammer
- pencil
- water level
- (wire cutting pliers)
- edge gluing machine
- milling table machine
- press / clamp
- countersink 90°

VERSION INFORMATION:

Version 1.0: Redesign product information added

PRODUCT INFORMATION

GENERAL INFORMATION:

Preparation

- This manual is part of the product and describes the safe and proper installation of the system. Read the instruction carefully and closely before installation
- Please note that the assembly must only be performed by qualified and trained staff in **s**trict 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

SYMBOLS:

Symbol	Importance
	Risk or danger!
	Advice and information
	Additional information / other documents

	Directional data / direction of movement
	„yes" and „right"
	„no" and „wrong"
	Follow the order

SYSTEM:

System Information: C42

- max. weight of element = **80kg**
- min. / max. door height = **700mm / 2750mm**
- min. / max. door width = **500mm / 1500mm**

PRODUCT INFORMATION

GENERAL INFORMATION:

Product safety

- The door system is im in accordance with thestate of the art and recognized 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. The fittings must be sufficiently and durable attached to all relevant places. Sufficient fittings must be available and durable in stalled in all relevant places. The function of the fitting must not be hindered or altered during installation.

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

Use not as intended

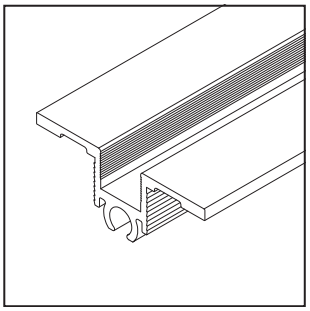
- Risk or danger may occur in the following cases:

  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.
  improper shock and case loads or other additional loads on the fittings have occured
  the fittings have been used outside.
  Body parts or objects gett in to the clothing edges or door runnings during use of the door wing.
  the door system is not used as intended.

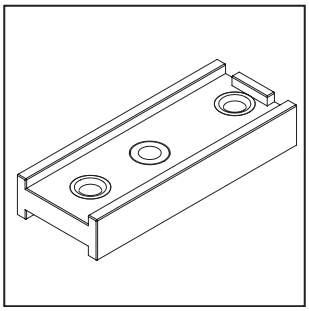
Structural modifications

- structural modifications that can not be offered as an accessory made by raumplus may only attached or installed with permission of raumplus.

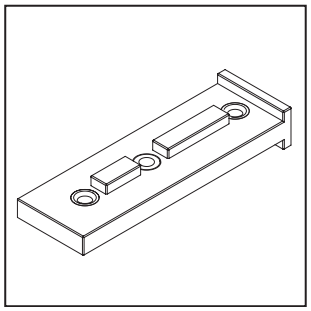
ACCESSORIES



1_ 19.51.xxx



2_ 30.14.012



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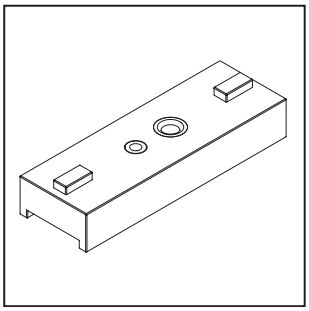

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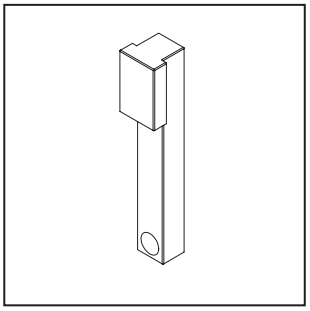

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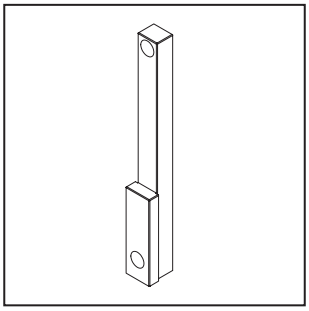

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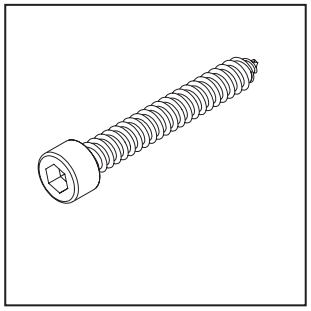

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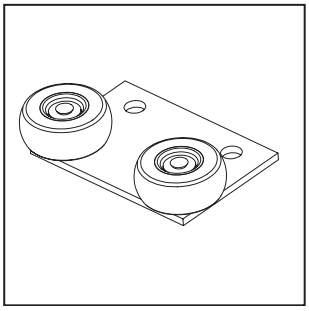
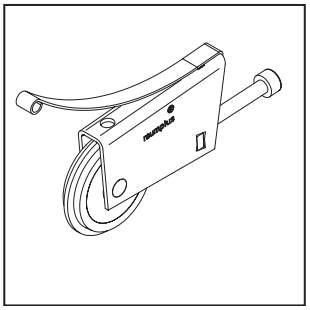
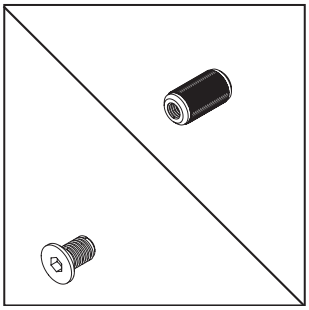


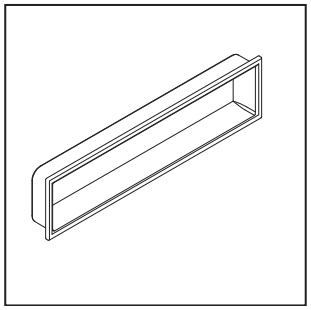
8_ 10.01.019



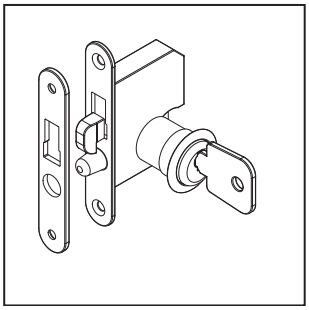
9_ 10.51.030



10_ 10.51.044 & 10.51.043



11_ 10.01.28x



12_ 10.51.047 / 10.51.048

1_ C-profile

2_ drilling template for C-42 Ø 10mm

3_ drilling template for C-42 Ø 6,5mm

4_ drilling template for C-42 dividing rail

5_ C-profile top connector

6_ C-profile bottom connector

7_ frame screws (for C-profile)

8_ top roller S42 top tracks

9_ bottom roller incl. antijump

10_ stainless steel cover screw &_ screwed coupling

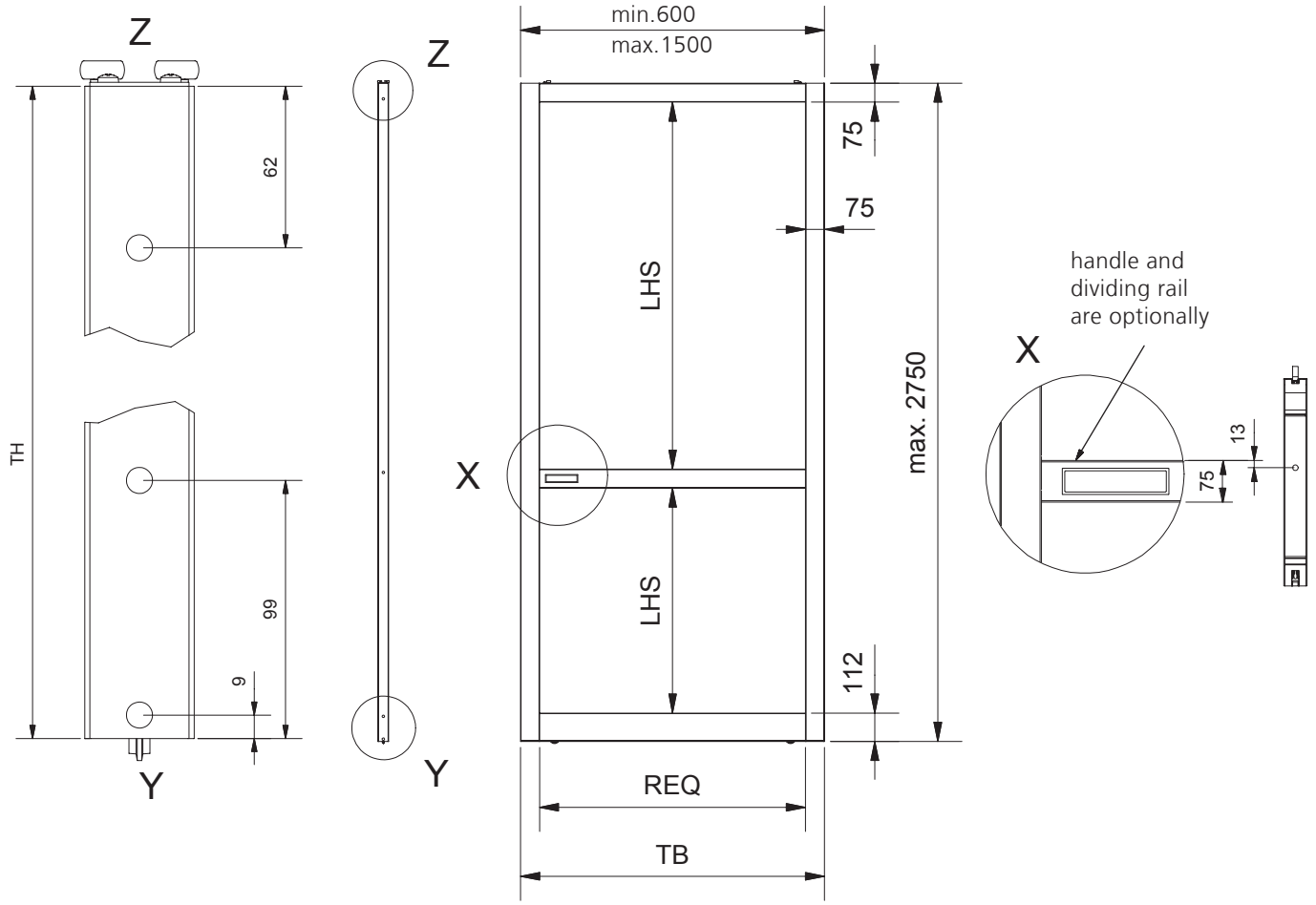
11_ handle silver for C-profile

12_ lock for C-42 DIN right / DIN left

The profile is also available in **powder coated**
Please specify when ordering.
In this case look for the **dimension of the groove**

DETAILED DRAWINGS

TECHNICAL DATA



General:

max. height: /max. width: /max. weight:

look for **System Information**

overlapping: **75mm**

material: particle board **38mm**

adhesive: **Aqualine Alu** by Collano or
Jowapur 685.17 by Jowat

Legend:

TH = door height

TB = door width

LH = opening height (room height)

REQ = frame element horizontal

LHS = opening height dividing rail

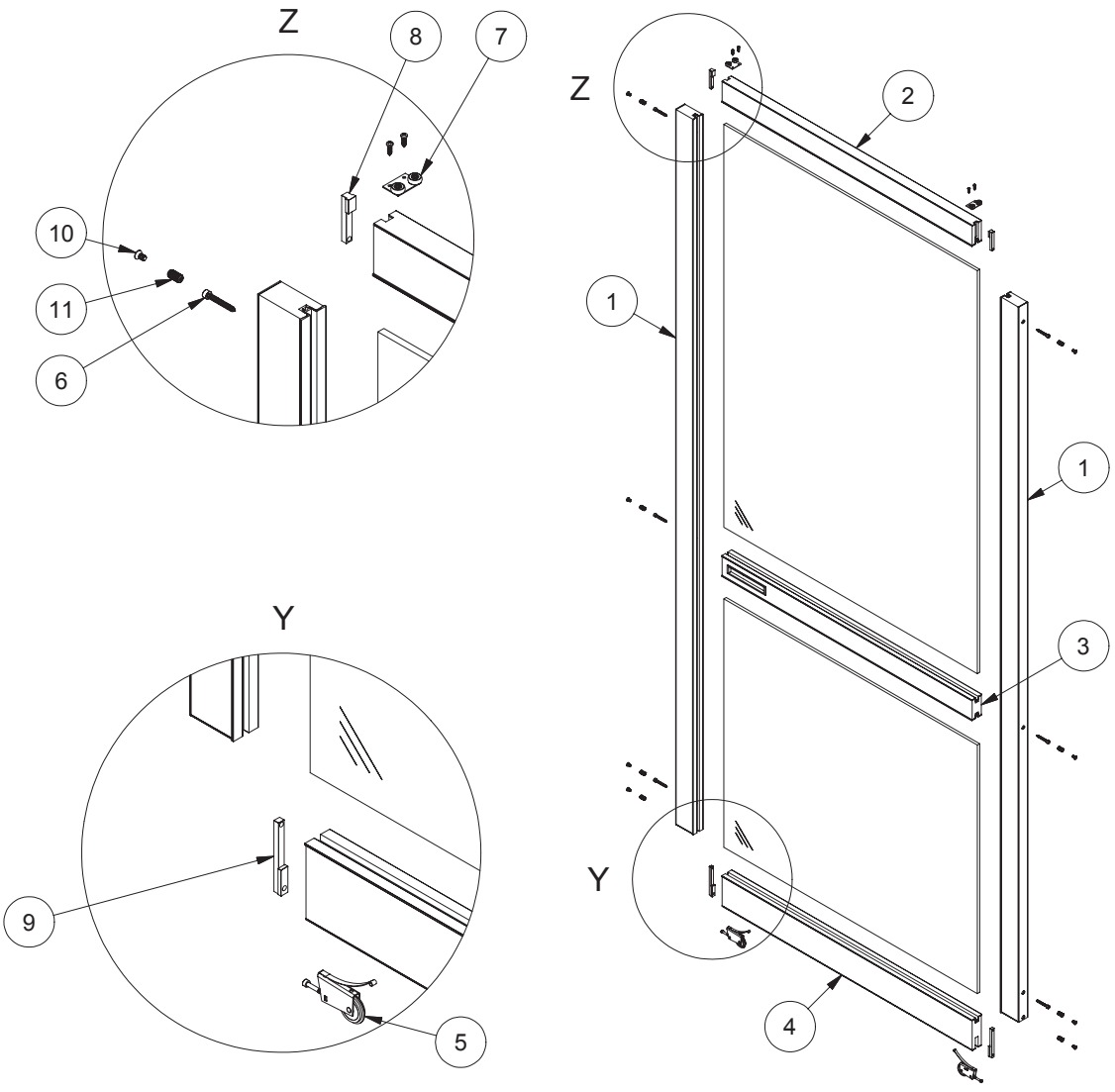
Cutting measures:

- Doorheight:
  look for **cutting dimensions table in Commerce Portal**
  REQ = **TB** - **150mm**

- panel for door with / without dividing rail:
- with / without gasket:
  LHS + 14mm
  REQ + 14mm

DETAILED DRAWING

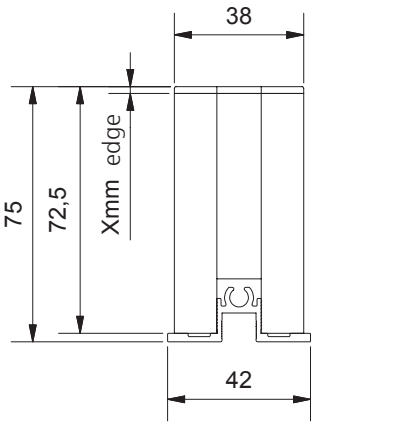
EXPLODED DRAWING COMPLETE

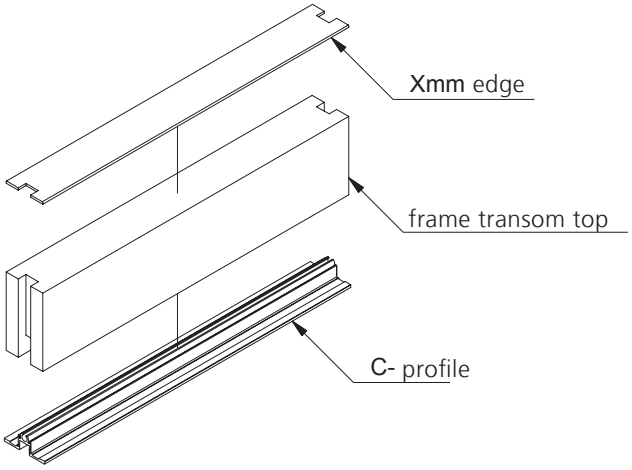


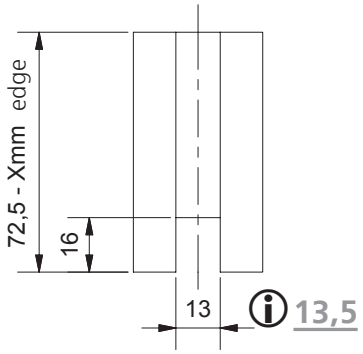
Item no	Item list		
	Object	Quantity	Description
---	1	2	frame element vertical
---	2	1	frame element horizontal top
---	3	1	dividing rail
---	4	1	frame element horizontal bottom
10.51.030	5	2	bottom roller + 40mm screw
10.07.110	6	6	frame screw 6,3 x 45mm
10.01.019	7	2	top roller solid wooden door
10.51.020	8	2	C-profile top connector
10.51.010	9	2	C-profile bottom connector
10.51.044	10	8	stainless cover screw M6
10.51.043	11	8	screwed coupling 10mm

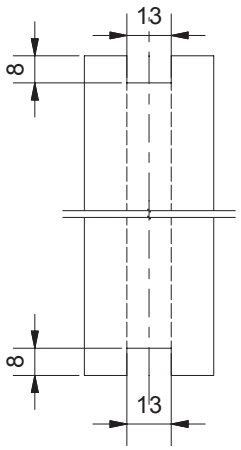
ASSEMBLY INSTRUCTION

FRAME ELEMENT HORIZONTAL TOP









① **cut frame transon**:
effectiive length
greige width (72,5mm - **X**mm edge)**)**

② apply edge

③ mill a continuous groove of 13 x 16mm in the middle

ⓘ **(** In case of using **profiles with powder coated surfaces:**
enlarge the groove to **13,5 x 16mm,**
for to give sufficient space for the adhesive.**)**

④ on both ends mill one groove **13 x8mm** in the middle

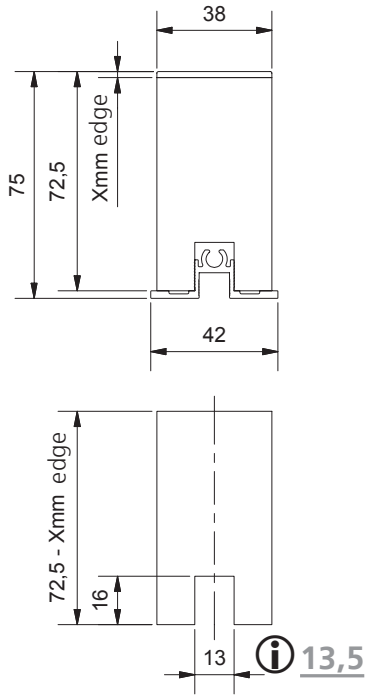
⑤ glue profile to frame transom

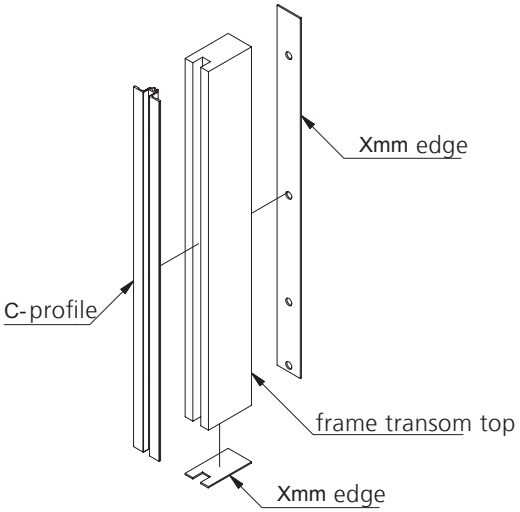
⑥ then cut the profile flush with transom

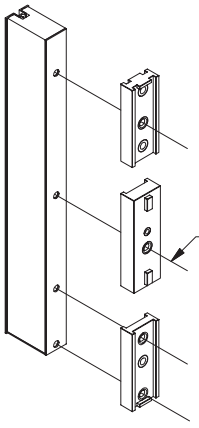
1_ prepare frame element horizontal top

ASSEMBLY INSTRUCTION

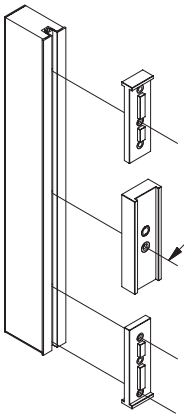
FRAME ELEMENT VERTICAL







10mm drilling
through the **chipboard**
except the profile



6,5mm drilling
through the **profile**

① **saw frame transom:**
effective length
greige width (72,5mm - **X**mm edge)

② **apply edge** at the front side

③ on the face

④ mill a continuous groove of **13 x 16mm** in the middle

ⓘ **(**In case of using **profiles with powder coated surfaces:**
enlarge the groove to **13,5 x 16mm.)**

⑤ glue profile to frame transom

⑥ then cut the profile to flush with transom

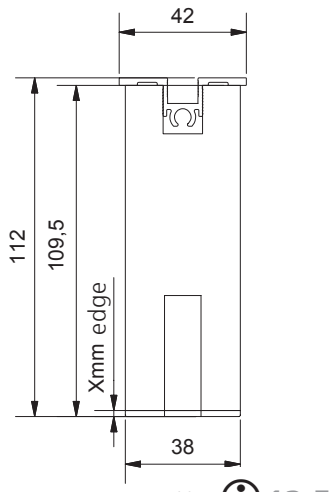
⑦ drill **frame element with 10mm** drill in the **chipboard,**
once on top, twice on bottom, using a drilling template

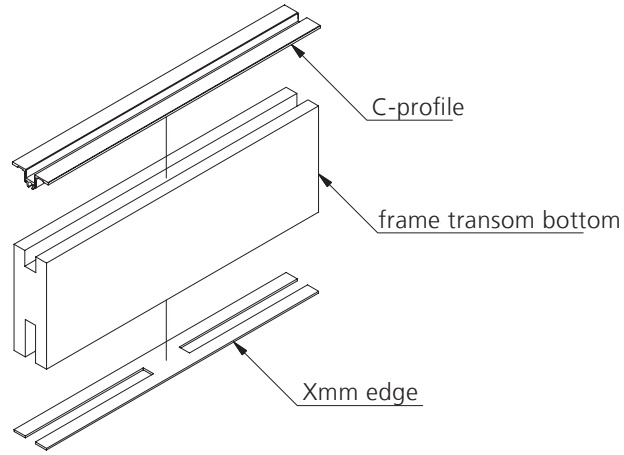
⑧ drill **frame element with 6,5mm** drill in the **profile,**
once on top twice on bottom, using a drilling template

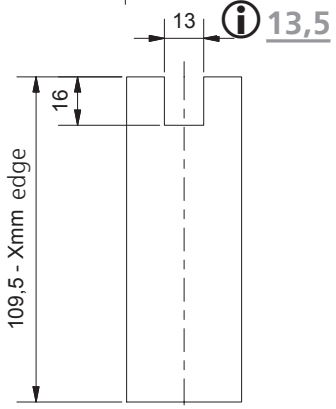
⑨ If the door shall contain a dividing rail, drill the
holes for it using the drilling template.
underedge **dividing rail =** underedge **drilling temp**

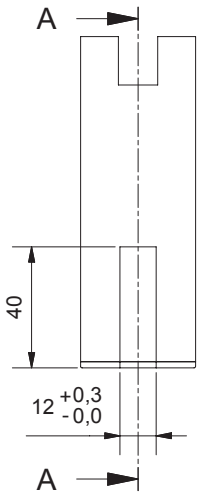
ASSEMBLY INSTRUCTION

FRAME ELEMENT HORIZONTAL BOTTOM









① **saw frame transom:**
effective length
greige width **(109,5mm - Xmm edge)**

② apply edge

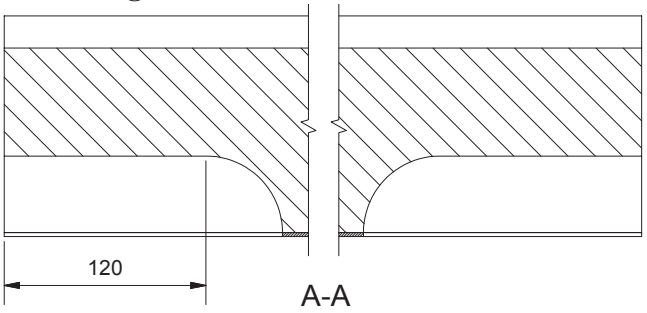
③ mill a continuous groove of **13 x 16mm** in the middle

ⓘ **(**In case of using **profiles with powder coated surfaces:**
enlarge the groove to **13,5 x 16mm,**
for to give sufficient space for the adhesive.**)**

④ **on both ends mill one groove 12 x 40 x min. 120mm**

⑤ glue profile to frame transom

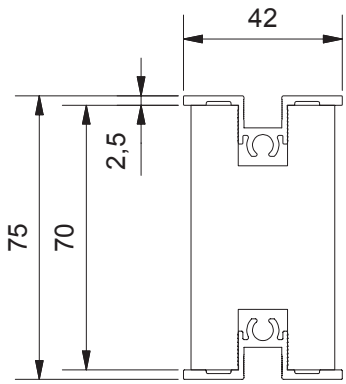
⑥ then cut the profile to flush with transom

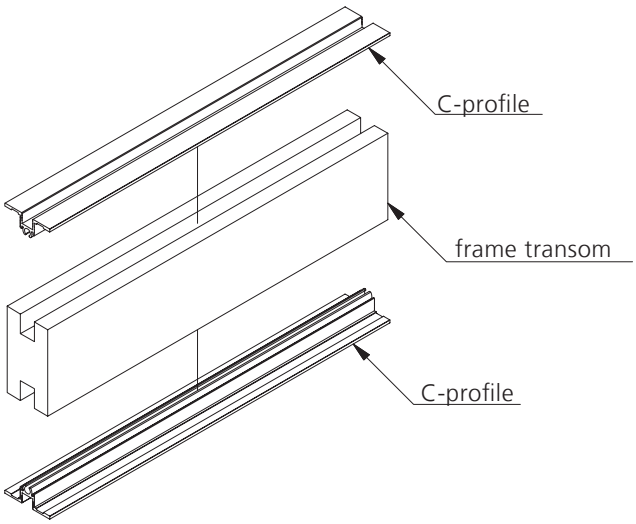


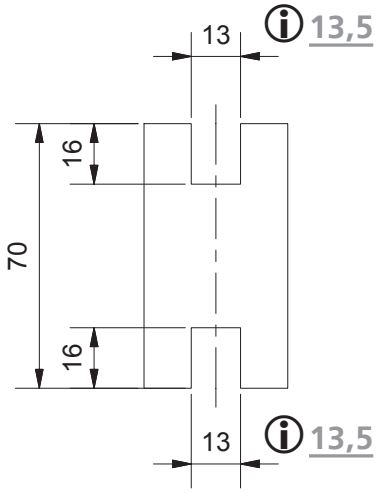
3_ prepare frame element horizontal bottom

ASSEMBLY INSTRUCTION

DIVIDING RAIL (OPTIONALLY)







① saw frame transom:
effective length
greige width (**70** mm)

② mill a continuous groove of **13 x 16 mm** in the center

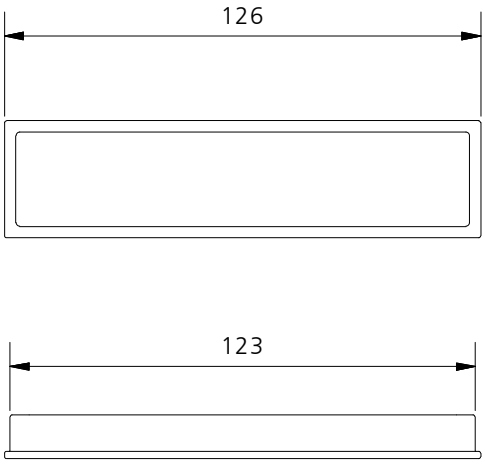
ⓘ In case of using **profiles with powder coated surfaces:**
enlarge the groove to **13,5 x 16mm.**

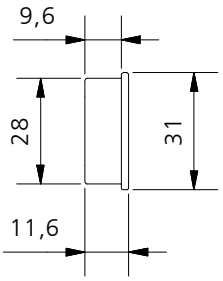
③ glue profile to frame transom

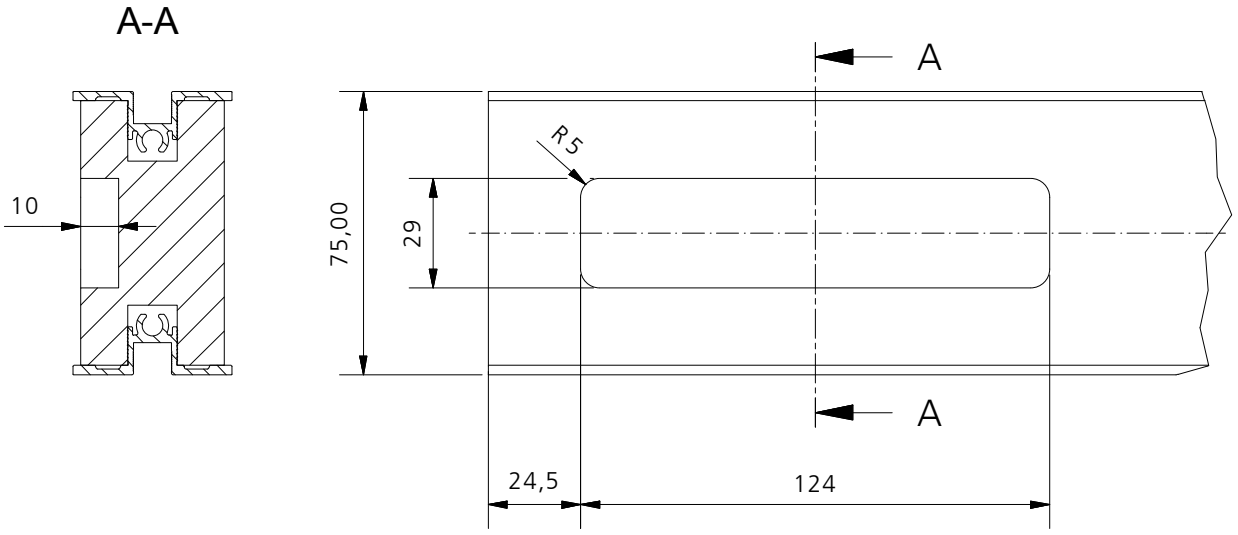
④ then cut the profile to flush with transom

ASSEMBLY INSTRUCTION

MILLING PATTERN FOR HANDLE (OPTIONALLY)







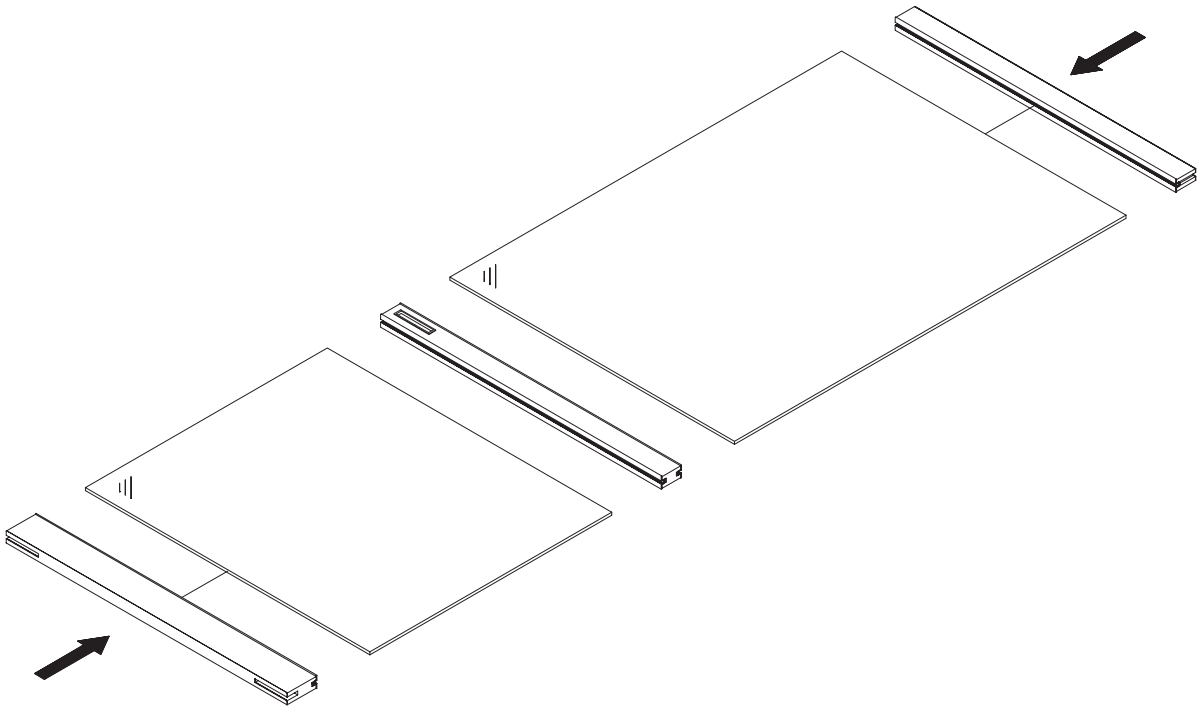
If a door without dividing rail is present, the handle can also be mounted in the vertical frame element.

Glue the handle in place with: Aqualine Alu by Collano or Jowapur 685.17 by Jowat (alternatively: Sikaflex)

5_ milling pattern for handle (optionally)

ASSEMBLY INSTRUCTION

FRAME ELEMENT HORIZONTAL

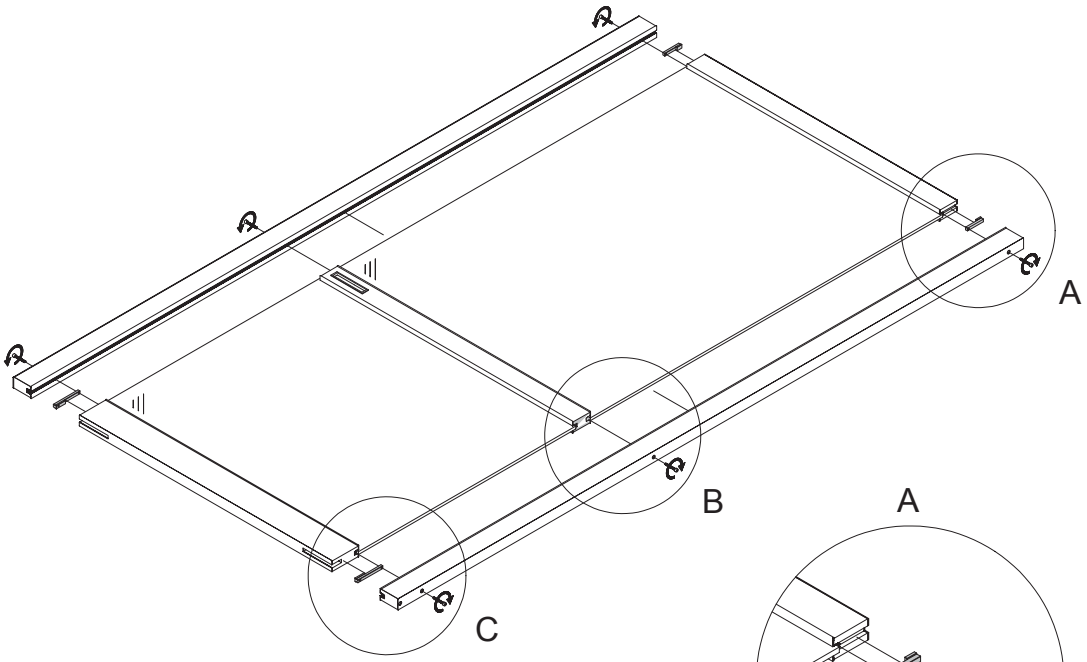


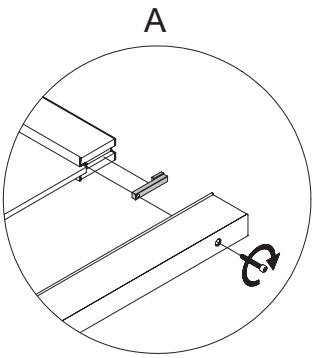
Affix **frame element centric to panel** tightly with **rubber mallet**.

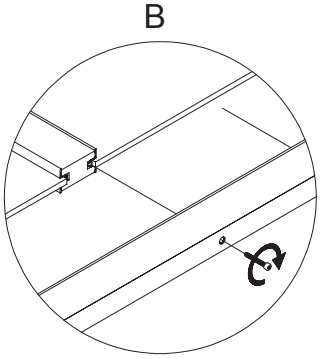
1_ assembly horizontal frame elements

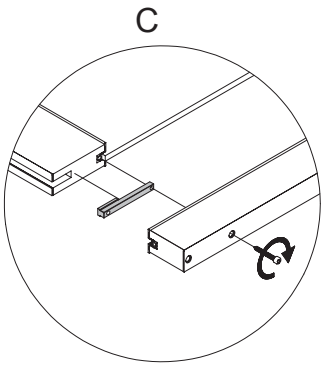
ASSEMBLY INSTRUCTION

FRAME ELEMENT VERTICAL







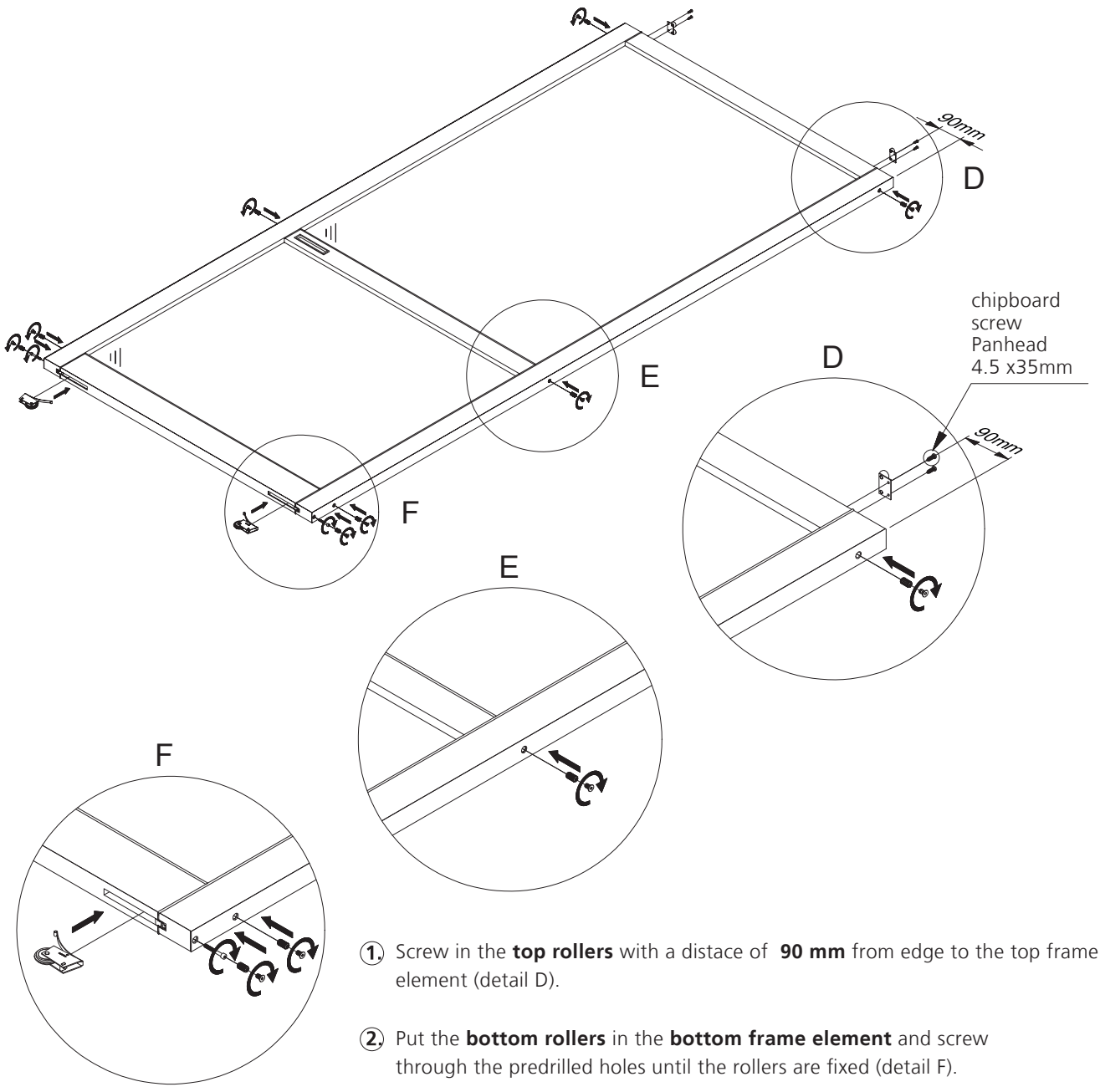


1. Affix vertical frame elements with rubber mallet so that they are even with the horizontal frame elements top and bottom.

2. Put the connector in the panel channel and fasten it with the frame screws (detail A + B + C).

ASSEMBLY INSTRUCTION

TOP / BOTTOM ROLLER



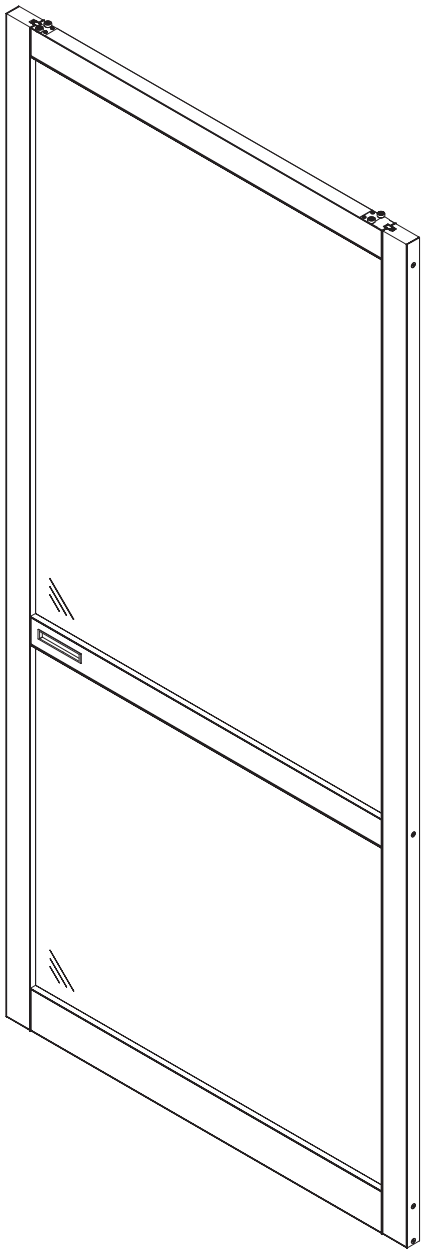
1. Screw in the **top rollers** with a distace of **90 mm** from edge to the top frame element (detail D).

2. Put the **bottom rollers** in the **bottom frame element** and screw through the predrilled holes until the rollers are fixed (detail F).

3. Counterbore the frame connection holes with a **90°-countersink** to approx. Ø12mm (**approx. 1mm deep**).

4. Put the **screwed couplings** in the **frame connection holes** and then screw in the stainless **steel cover screws** that they flush with the surface (detail D, E, F).

C42 DOOR WITH WOODEN FRAME



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