


INSTALLATION MANUAL

INDEPENDENT ZIP Z70


JANUARY 2024 /VERSION 012024





GLM OUTDOOR SOLUTIONS is the authorized manufacturer of the advanced shading systems (pergolas & fabrics) and fences of ALUMIL, the leading Greek company in the design and production of architectural aluminium systems. GLM has developed and continuously enriches a wide range of holistic and reliable solutions for every type of outdoor space, with composition and full customization possibilities.

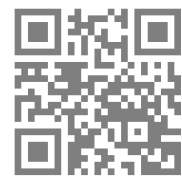
Combining top quality with technological innovation and high aesthetics, GLM offers unique products that enhance and upgrade the outdoor environment, promoting a different way of life inspired by the values of natural light and outdoor living freedom and rooted in principles of sustainability.



5 — 12
PROFILES
& ACCESSORIES

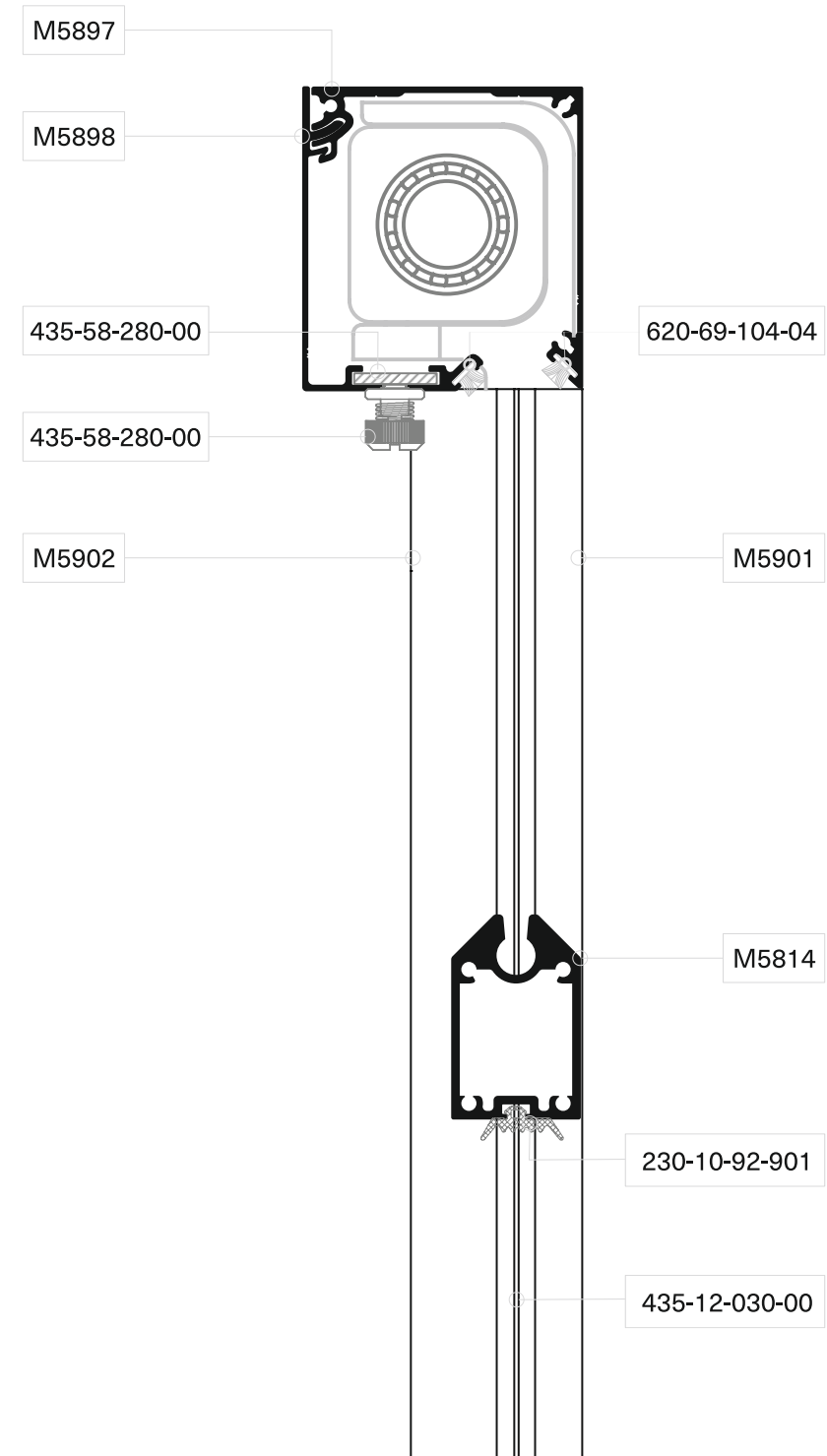
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INDEPENDENT
ZIP ASSEMBLY

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APPENDIX

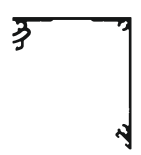
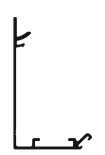







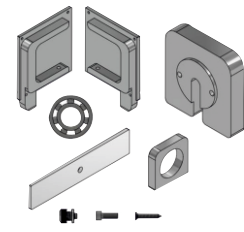
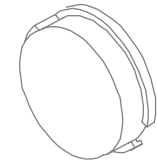
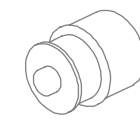
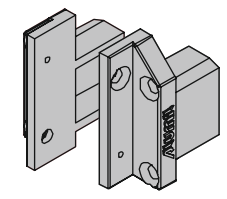
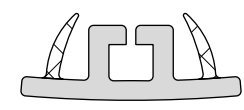



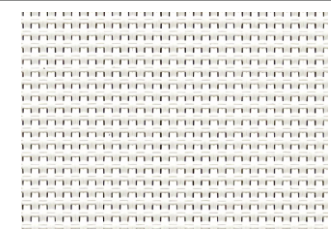
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outdoor solutions



PROFILES
& ACCESSORIES

<p>M5897</p>  <p>lx (cm⁴): 17,96 ly (cm⁴): 19,54 Outside perimeter (mm): 365,1 Primary perimeter (mm): 133,4</p>	<p>M5898</p>  <p>lx (cm⁴): 3,85 ly (cm⁴): 13,20 Outside perimeter (mm): 282,6 Primary perimeter (mm): 108,3</p>	<p>M5901</p>  <p>lx (cm⁴): 3,29 ly (cm⁴): 3,72 Outside perimeter (mm): 231 Primary perimeter (mm): 90,1</p>	<p>M5902</p>  <p>lx (cm⁴): 2,24 ly (cm⁴): 0,33 Outside perimeter (mm): 167,3 Primary perimeter (mm): 61,7</p>
<p>M5820</p>  <p>lx (cm⁴): 0,72 ly (cm⁴): 2,15 Outside perimeter (mm): 193,8 Primary perimeter (mm): 0</p>	<p>M5814</p>  <p>lx (cm⁴): 11,22 ly (cm⁴): 4,7 Outside perimeter (mm): 181,5 Primary perimeter (mm): 130,6</p>	<p>M5911</p>  <p>lx (cm⁴): 6,93 ly (cm⁴): 7,57 Outside perimeter (mm): 134,9 Primary perimeter (mm): 0</p>	

<p>435-58-290-00</p>  <p>BEARING DIN 625 T1</p>	<p>435-03-225-00</p>  <p>SOMFY Sonesse 40 IO 6/20 VVF3M</p>	<p>435-47-330-00</p>  <p>SOMFY crown for 40x1,5mm Round tube</p>
<p>435-58-242-00</p>  <p>D43 SHAFT-MOTOR ADAPTORS Z70</p>	<p>435-58-410-00</p>  <p>D43 SHAFT ADAPTORS Z70</p>	<p>435-58-860-00</p>  <p>CAPS for M5814 profile</p>
<p>435-11-330-00</p>  <p>ΑΣΥΡΜΑΤΟ ΤΗΛΕΧΕΙΡΙΣΤΗΡΙΟ ΤΟΙΧΟΥ ΙΟ 5 ΚΑΝΑΛΙΑ</p>	<p>435-12-030-00</p> <p>3,5 meters</p>  <p>ZIP GASKET</p>	<p>230-10-929-01</p> <p>50 meters 50 m</p>  <p>ZIP GASKET</p>
<p>620-69-104-04</p> <p>50 meters 50 m</p>  <p>Brush 4 mm Grey</p>	<p>798-91-204-08</p> <p>Galvanized 100 pcs</p>  <p>Pan Head M4x8</p>	<p>***_**_**_**</p>  <p>Shader (see table 1_9; 1_10)</p>

SHADER ZIP

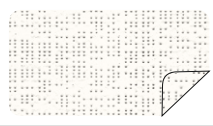
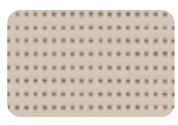
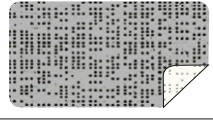

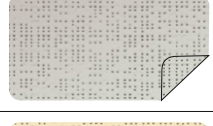




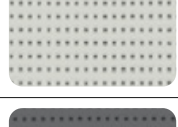



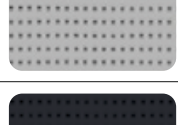

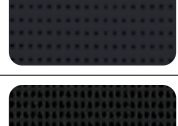

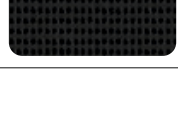
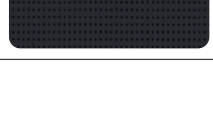
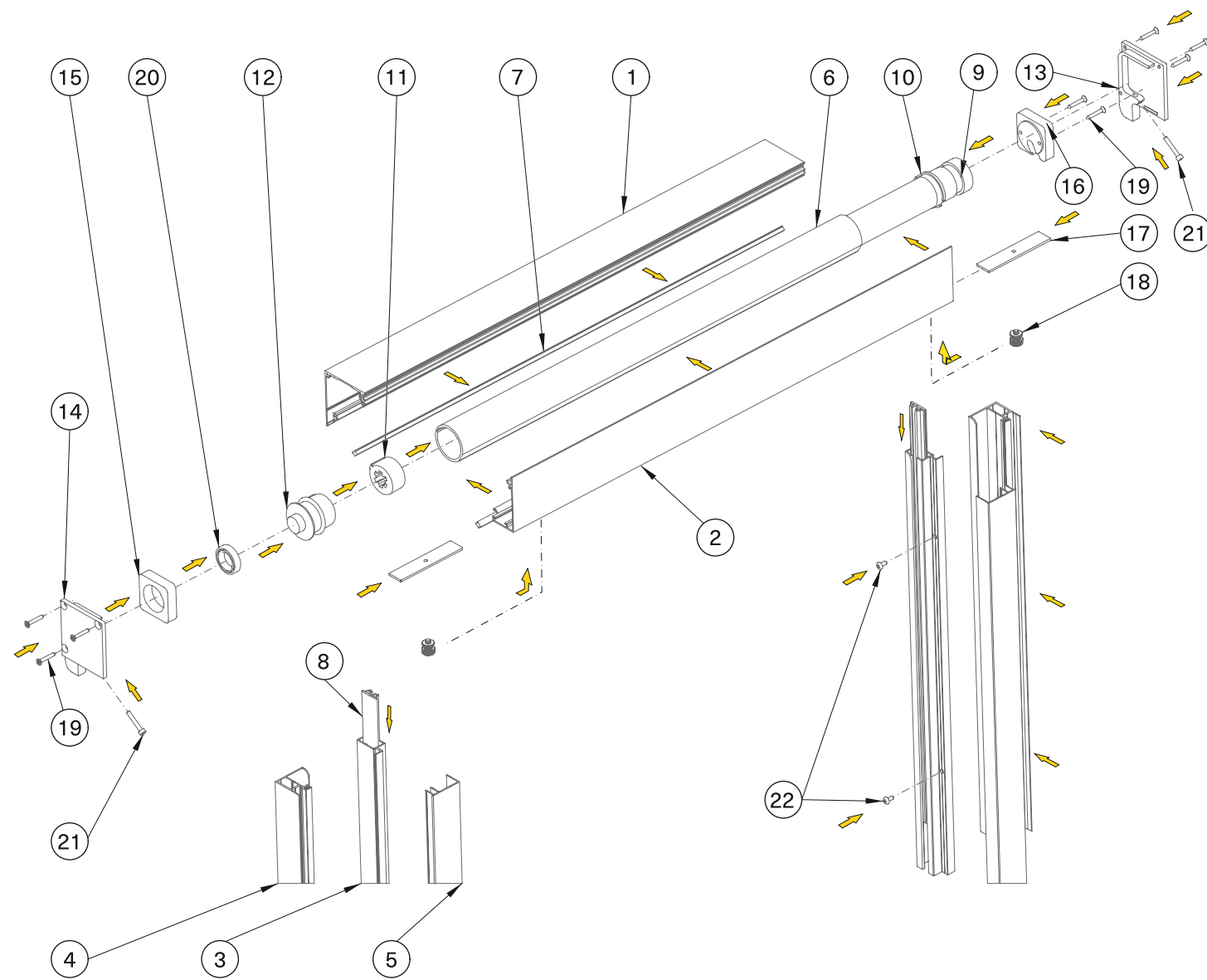
	Serge Ferrari 92 White	GLM-04187		Serge Ferrari 86 Sandy beige	GLM-04183
	Serge Ferrari 92 Alu/White	GLM-04191		Serge Ferrari Bronze	GLM-04177
	Serge Ferrari 92 Alu/Alu	GLM-04194		Serge Ferrari 86 White	GLM-04181
	Serge Ferrari 92 Champagne	GLM-04192		Serge Ferrari 86 Champagne	GLM-04184
	Serge Ferrari 92 Hemp	GLM-04196		Serge Ferrari 86 Boulder	GLM-04182
	Serge Ferrari 92 Sandy beige	GLM-04190		Serge Ferrari 86 Concrete	GLM-04185
	Serge Ferrari 92 Cloud	GLM-04195		Serge Ferrari 86 Alu/alu	GLM-04180
	Serge Ferrari 92 Boulder	GLM-04189		Serge Ferrari 86 Anthracite	GLM-04178
	Serge Ferrari 92 Concrete	GLM-04193		Serge Ferrari 86 Deep black	GLM-04179
	Serge Ferrari 92 Anthracite	GLM-04188			

Table. 1_8

SHADER ZIP

	Suntex 95 Dark Bronze	GLM-04282		Suntex 97 Dark Bronze	GLM-04289
	Suntex 95 WHITE/GREY	GLM-04283		Suntex 97 WHITE/GREY	GLM-04290
	Suntex 95 SAND	GLM-04284		Suntex 97 SAND	GLM-04291
	Suntex 95 CHESTNUT	GLM-04285		Suntex 97 BLACK	GLM-04294
	Suntex 95 MOCHA	GLM-04286		Suntex 97 CARBON	GLM-04293
	Suntex 95 CARBON	GLM-04287		Suntex 97 MOCHA	GLM-04292
	Suntex 95 BLACK	GLM-04288		Suntex 97 CHESTNUT	GLM-04299

Table. 1_9

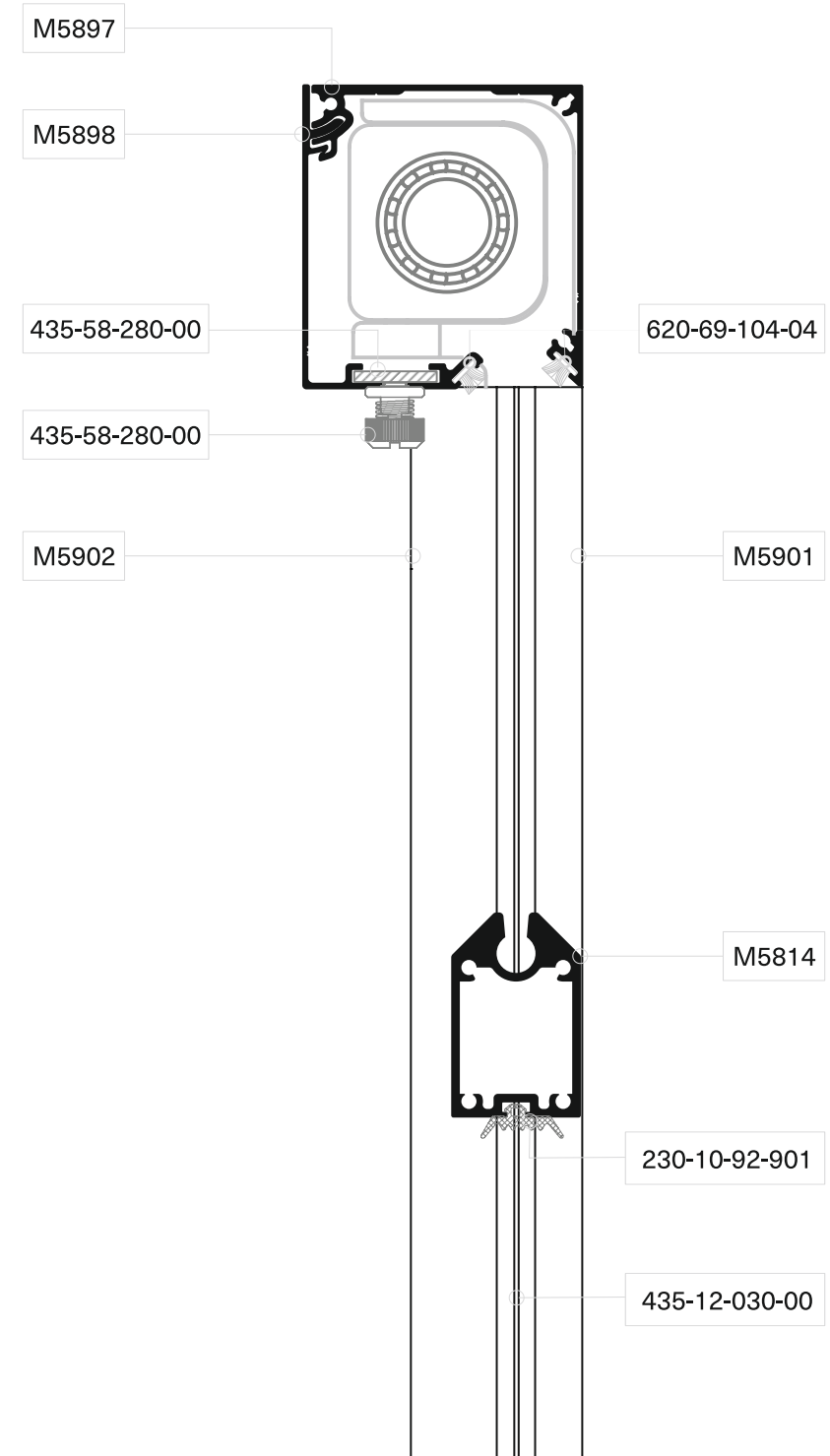


pic.1_10

ACCESSORIES LIST			
ITEM	ACCESSORY CODE	SUBJECT	QUANTITY
1	M5897	70mm SCREEN ROLLER TOP CAP	1
2	M5898	70mm SCREEN ROLLER BOTTOM CAP	1
3	M5820	GUIDE INTERNAL PROFILE	2
4	M5901	GUIDE BACK PROFILE	2
5	M5902	GUIDE FRONT PROFILE	2
6	M5911	D43 SHAFT	1
7	620-69-104-04	BRUSH 4 mm	2
8	435-12-030-00	ZIP PVC	2
9	435-03-225-00	Somfy Sonesse 40 6/20 VVF WHITE 2,5M	1
10	435-47-330-00	Somfy Crown for 40x1,5mm round tube	1
11	435-58-242-00	MOTOR WHEEL for D43 shaft	1
12	435-58-410-00	BEARING-D43 shaft adaptor	1
13	435-58-290-00	RIGHT CAP FOR INDEPENDENT SCREEN ROLLERS 70mm	1
14	435-58-290-00	LEFT CAP FOR INDEPENDENT SCREEN ROLLERS 70mm	1
15	435-58-290-00	BEARING ADAPTOR	1
16	435-58-290-00	MOTOR ADAPTOR	1
17	435-58-290-00	CAP LOCK PLATE	2
18	435-58-290-00	CAPTIVE PANEL SCREW M5x16	2
19	435-58-290-00	COUNTERSUNK A2 3,5x25	8
20	435-58-290-00	BEARING DIN 625 61804 T1-6004 20x32x7	1
21	435-58-290-00	CAP HEAD SCREW ISO 4762 A2 M4x25 ALLEN	2
22	798-91-204-08	Pan Head A2 Metric Screw ISO 7045 - M4 x 8 - 4.8 - H	

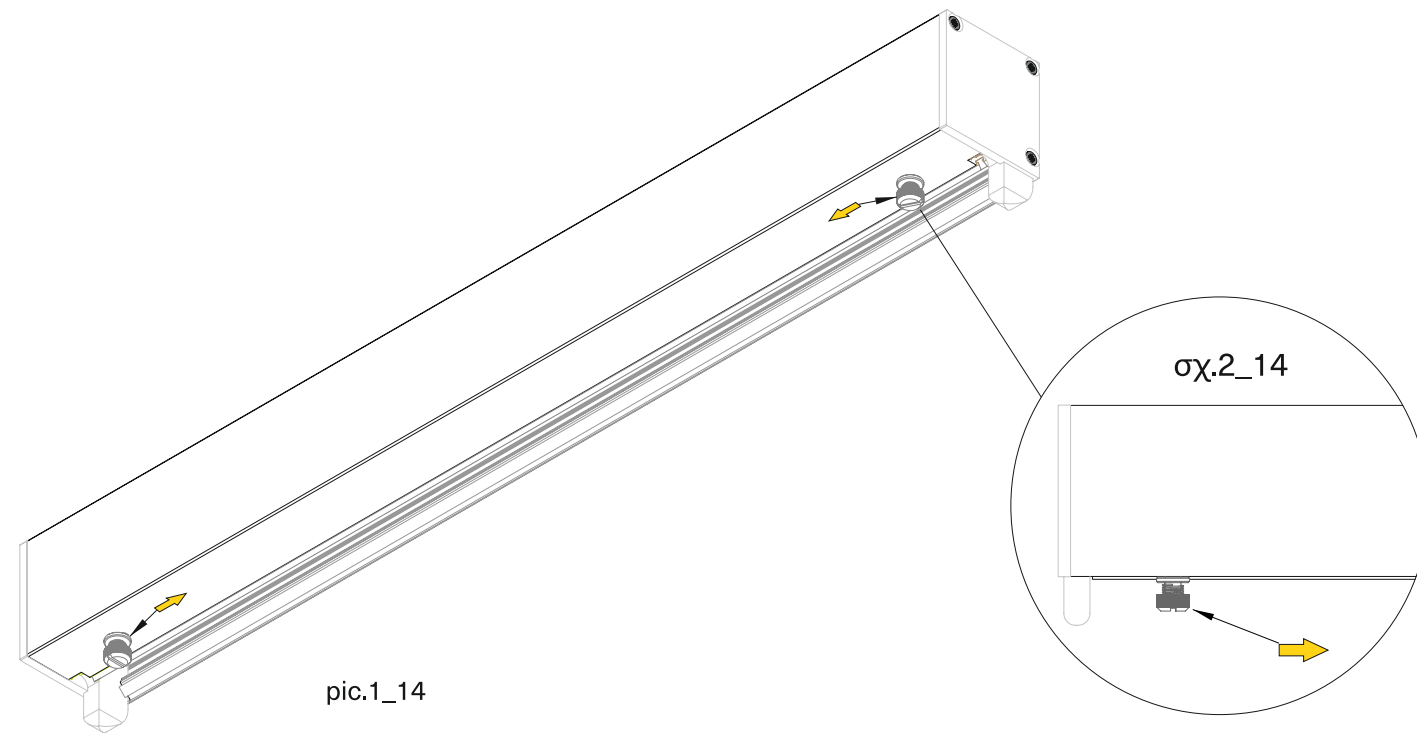
Table.1_11

ATTENTION: The drawing numbers are indicated on the pages (e.g. fig.A_B. "A" corresponds to the scheme number and "B" represents the page number).

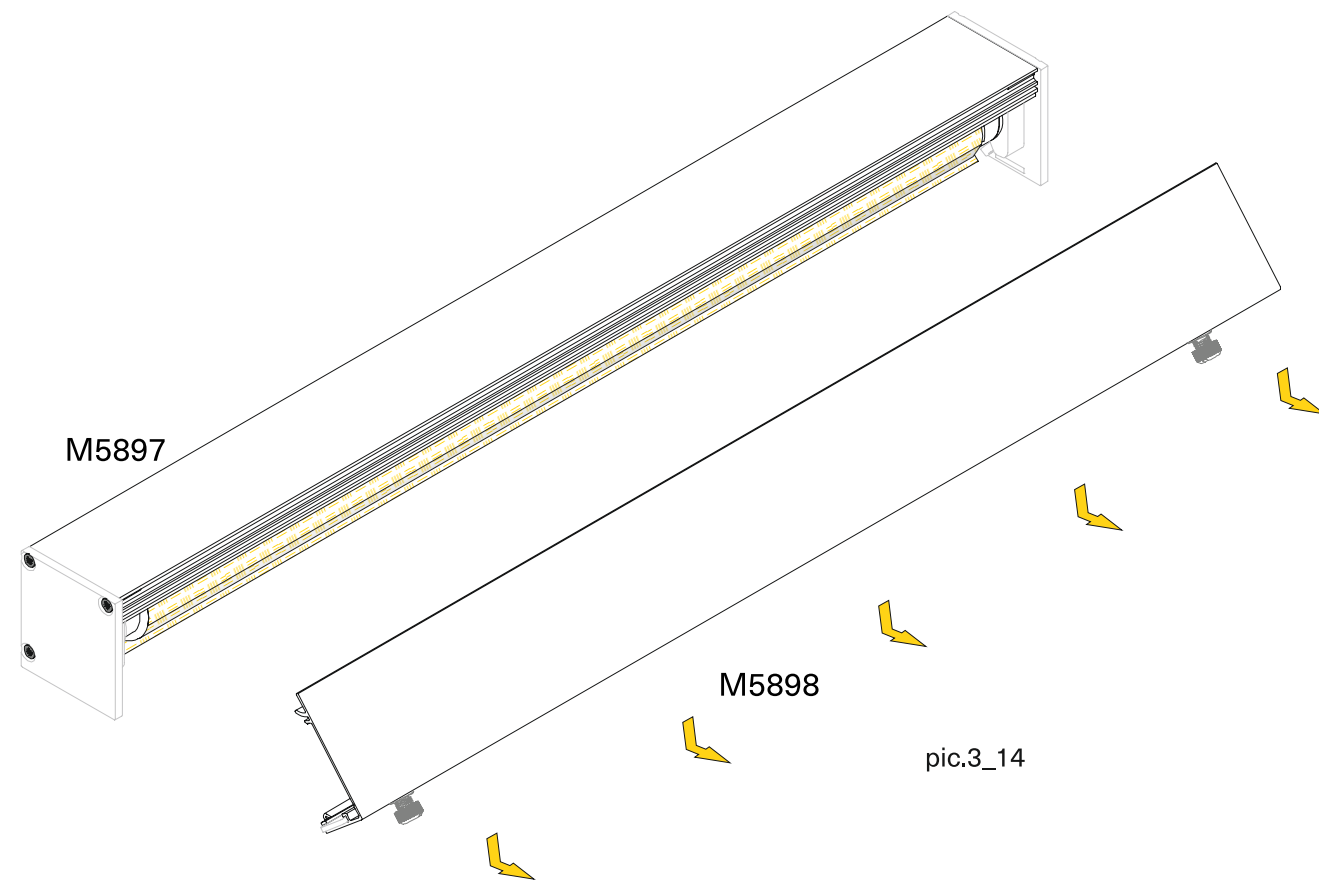


INDEPENDENT ZIP ASSEMBLY

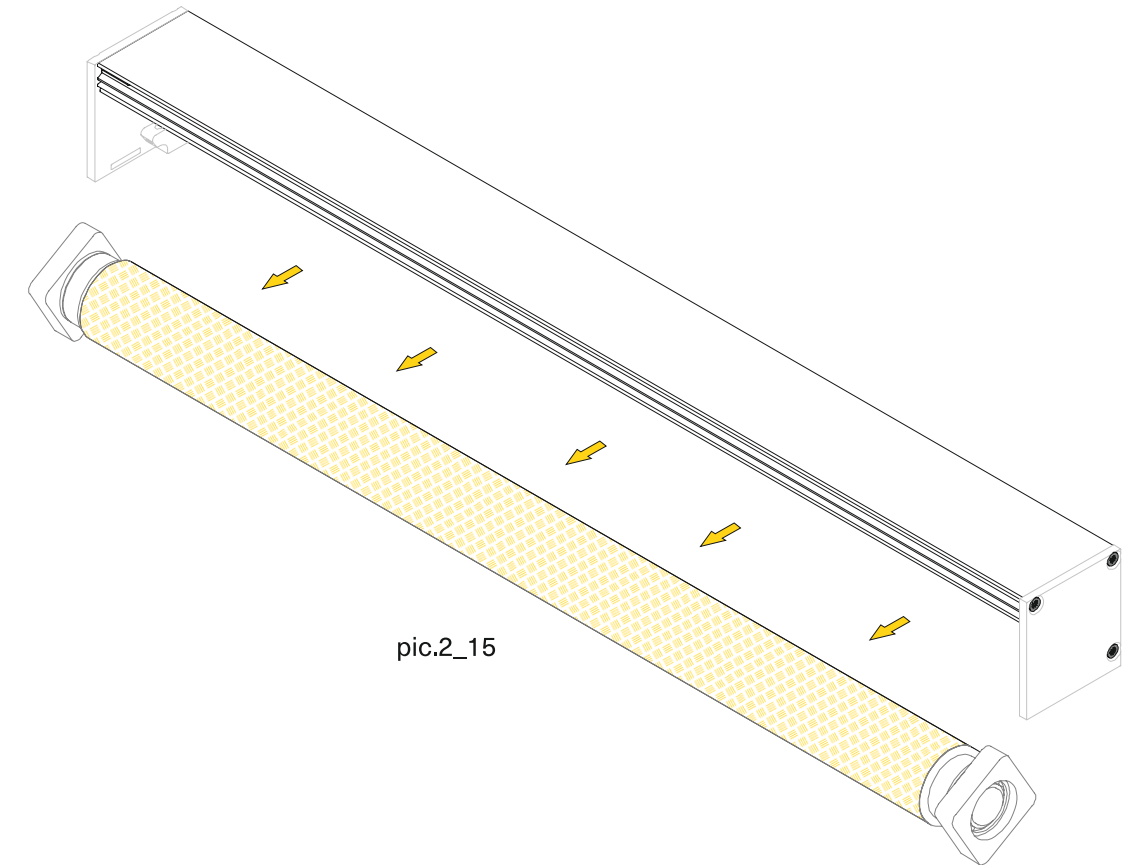
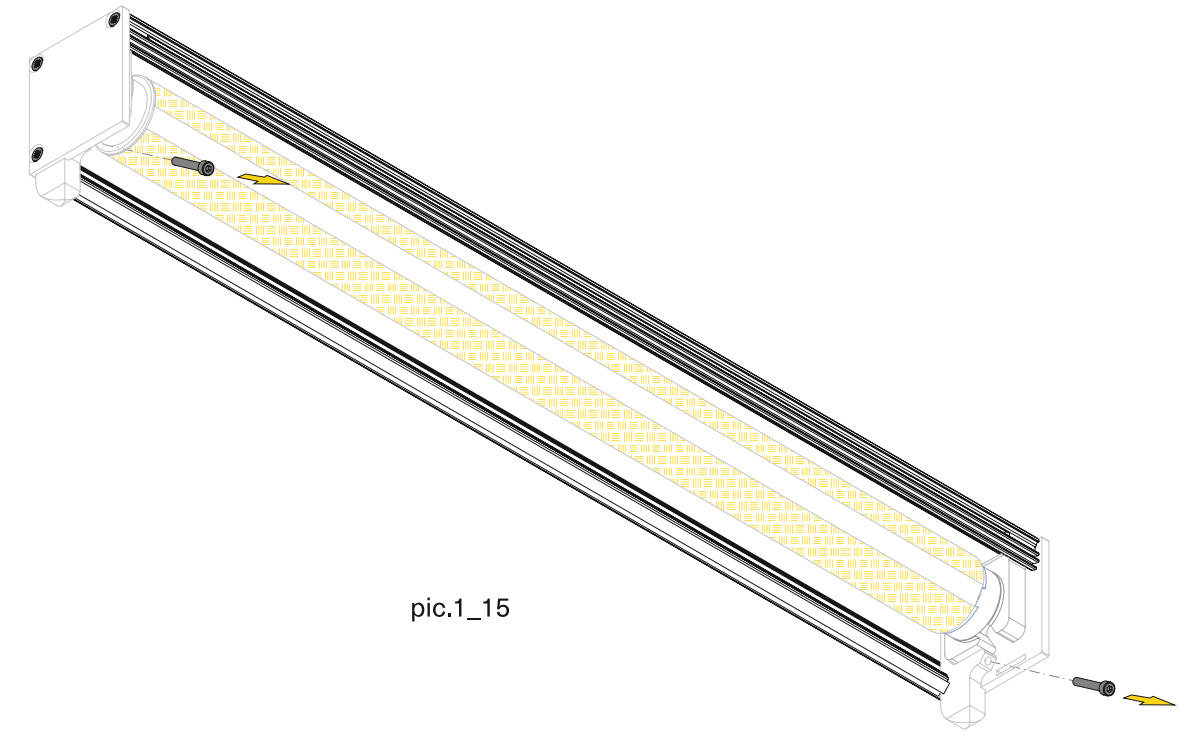
- ☞ Unfasten the suspension set screws (EX-435-58-290-00) at the bottom of the roller box and push them inside, so that the holding tabs are released.



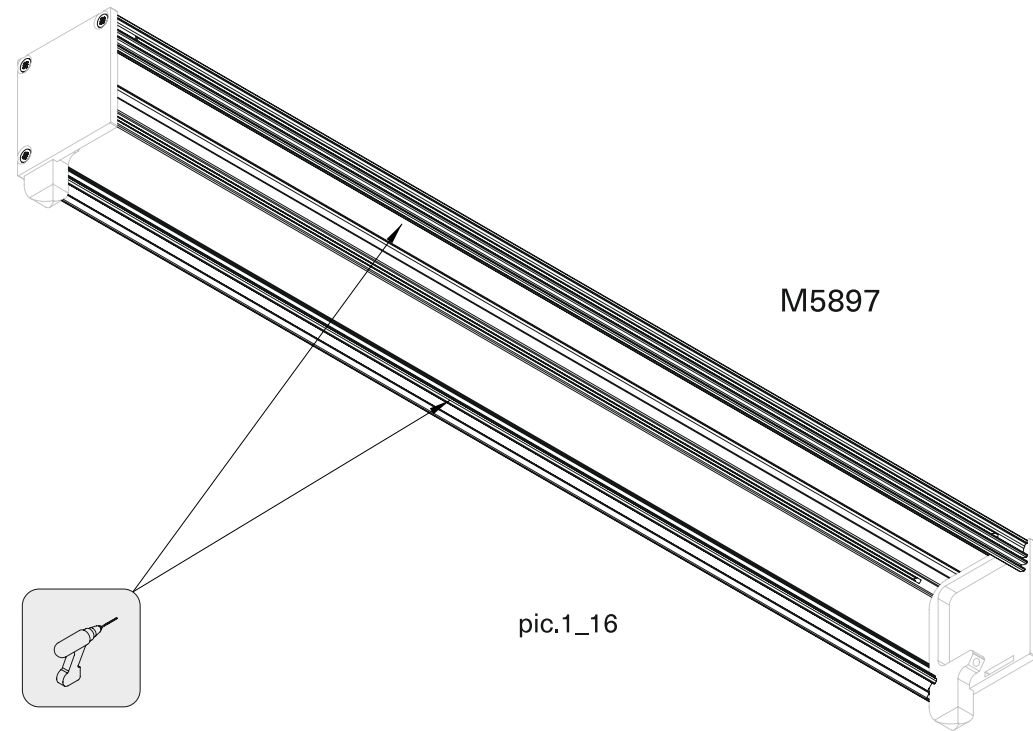
- ☞ Open the rollerbox by removing the front cover (profile M5898).



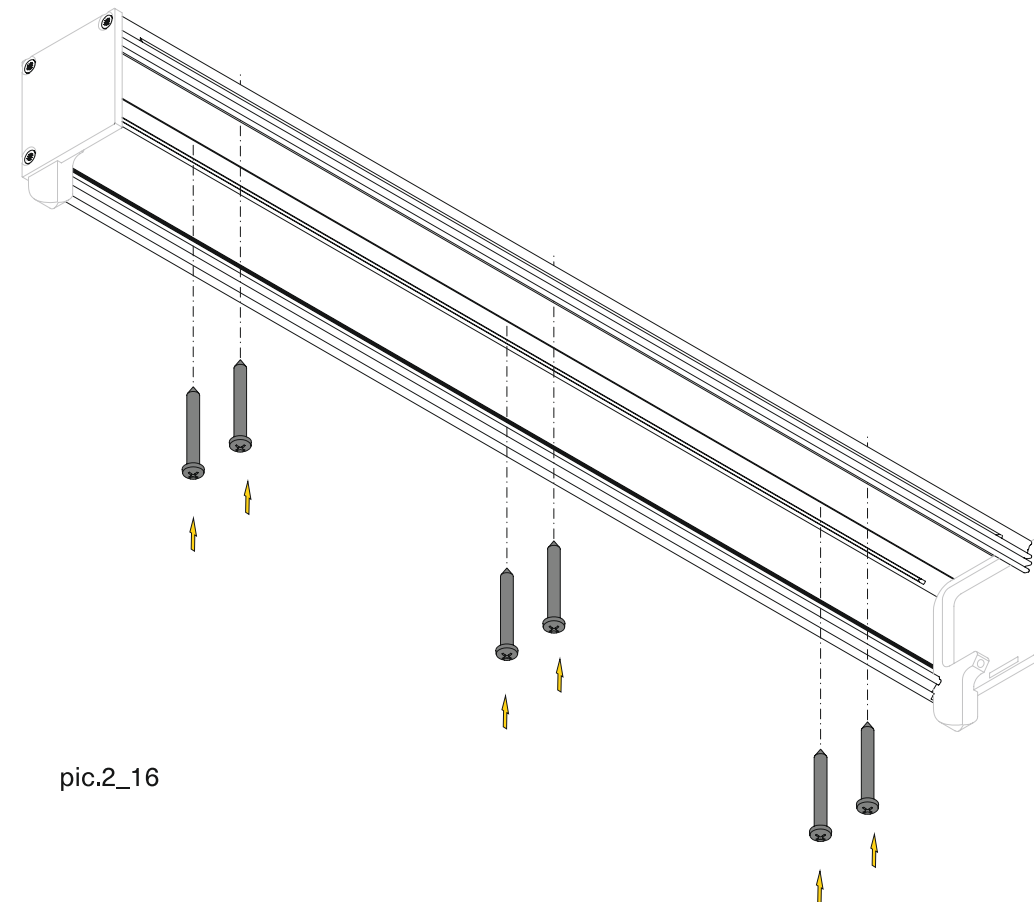
- ☞ Remove the bolts holding the bearing and motor adapters to the side caps and detach the shaft, without disassembling the components.



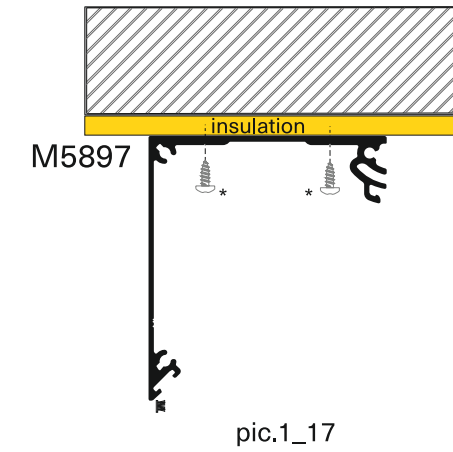
📖 Drill the back cover (profile M5897) according to the way you would like to place the box on the mounting surface.



📖 Fix the box to the mounting surface with the appropriate screws / anchors, depending on the installation surface.

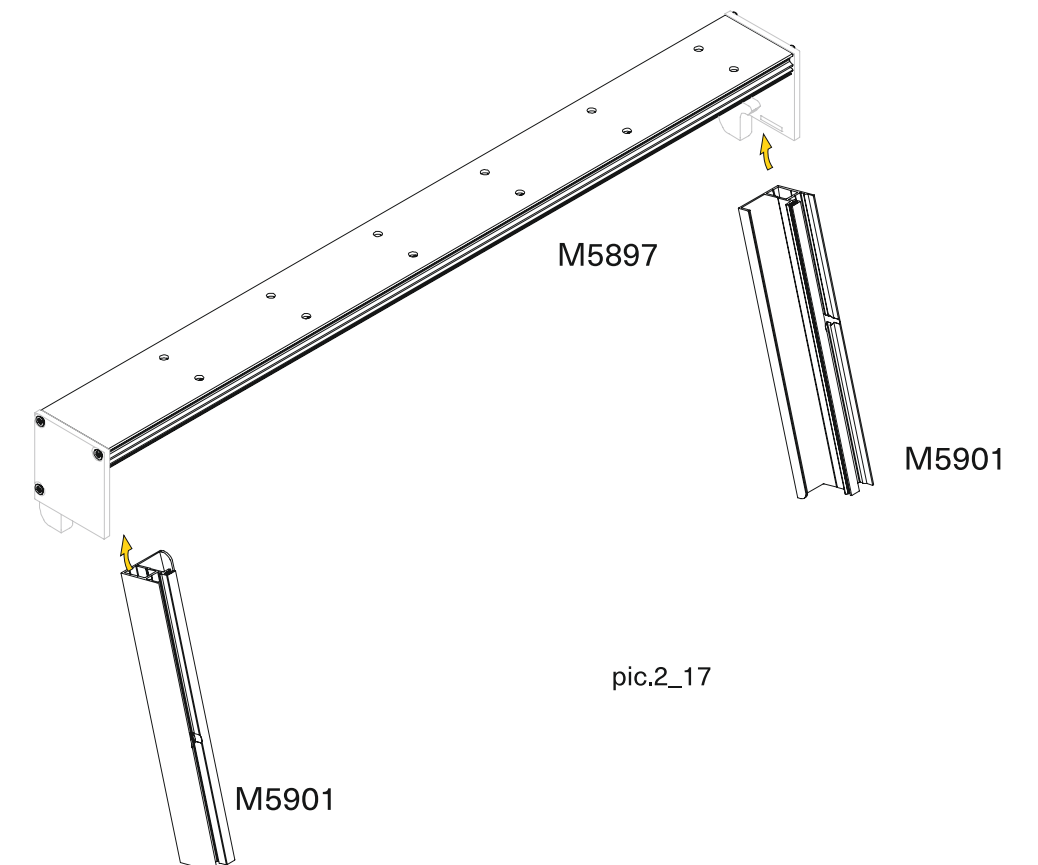


📖 **ATTENTION:** At the contact points of the mounting surface and the aluminium profiles of the independent ZIP-shading box, it is recommended to insulate them before screwing with the use of butyl tape EX 720-19-992-00.



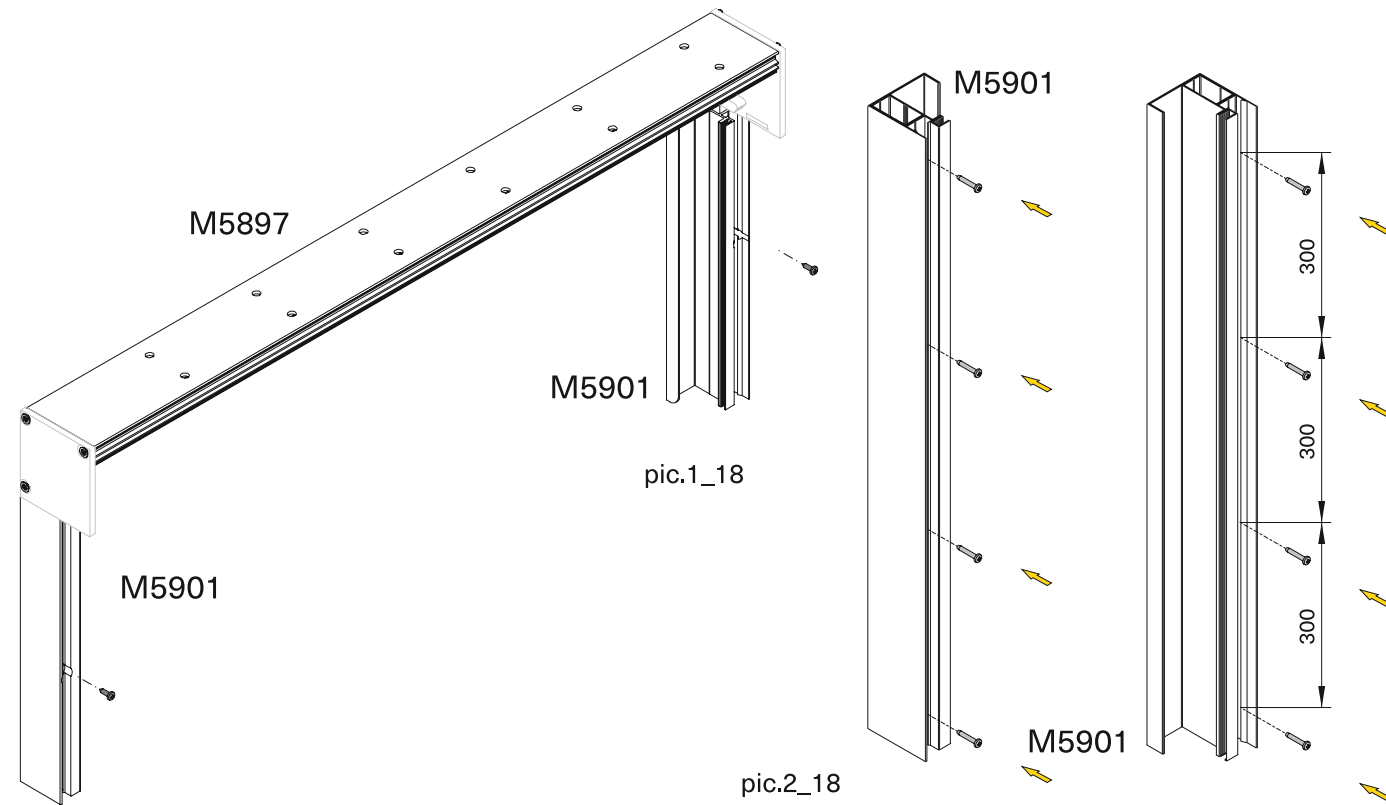
* The fixing screws depend on the type of existing soil/wall.

📖 Place the two vertical profile guides M5901 applying them to the slots of the lower parts of the support caps.



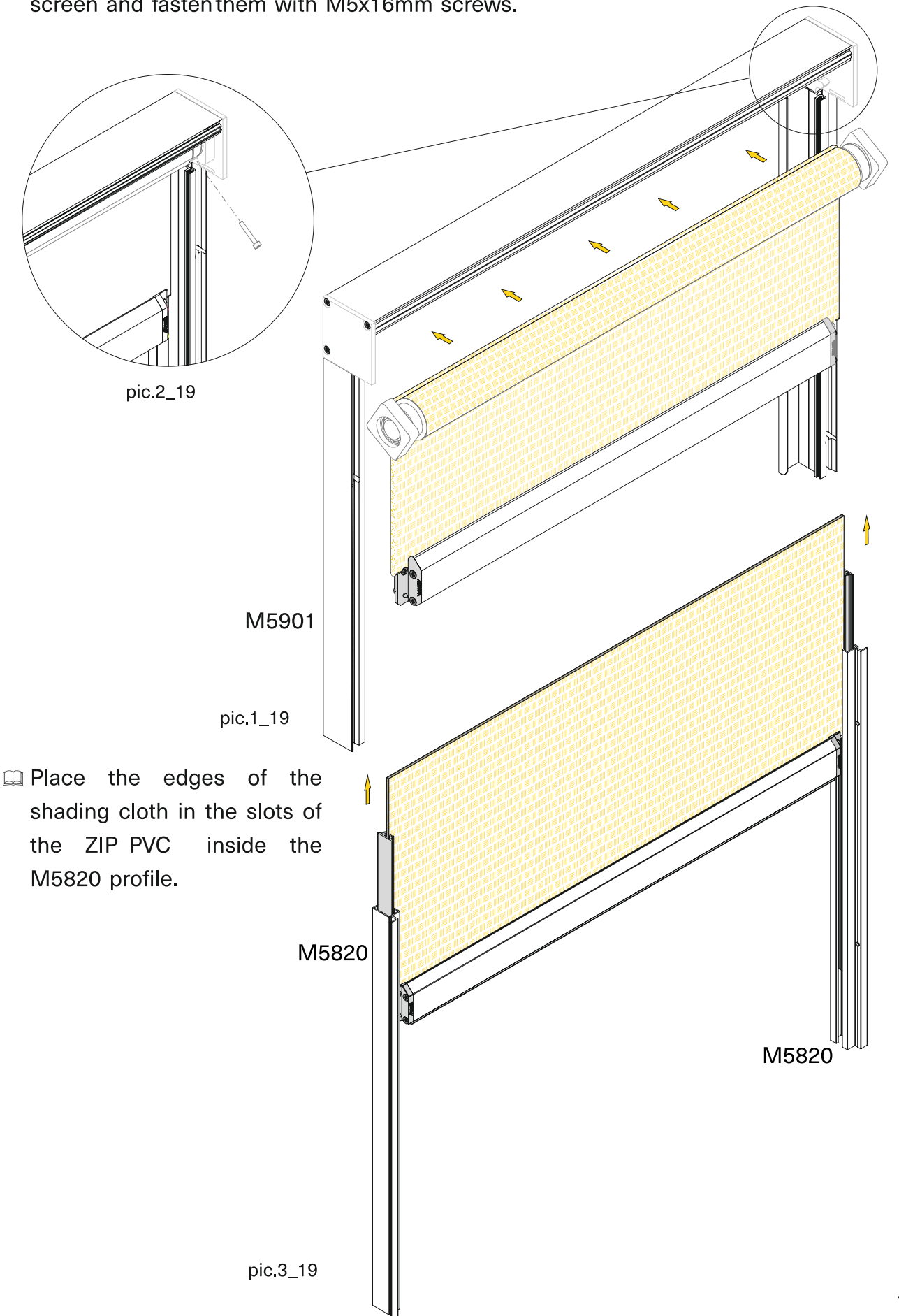
☞ Screw the vertical profile guides M5901 per 300mm with screws* on the existing metal or aluminum construction bases.

* The fixing screws depends on the type of existing soil/wall.



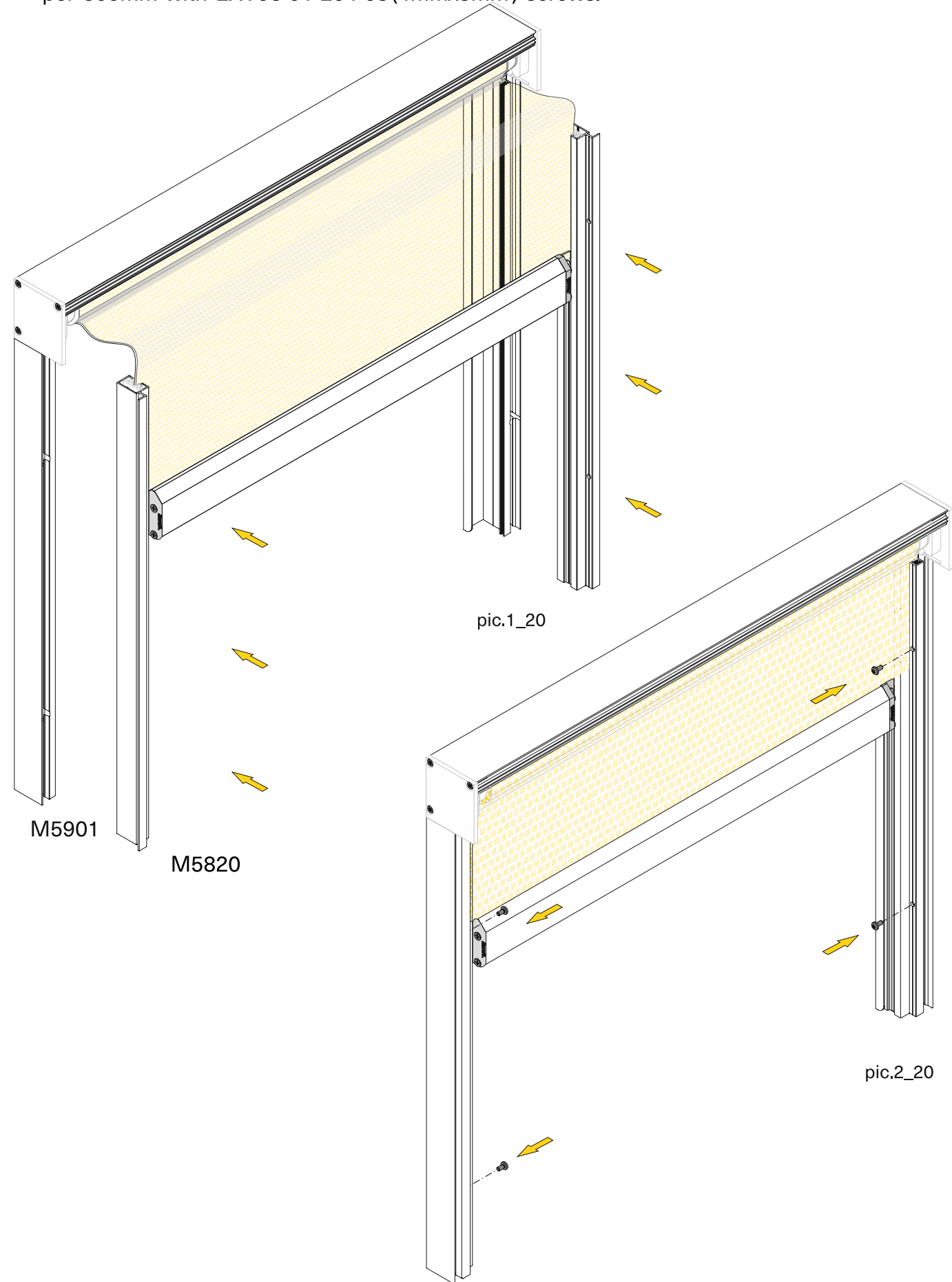
☞ Refit and secure the axle with the opposite proceeding of the steps of drawings 1_15 till 1_16.

☞ Place the $\Phi 43$ mm shaft with the ZIP on the bases of the support caps of the independent ZIP-screen and fasten them with M5x16mm screws.

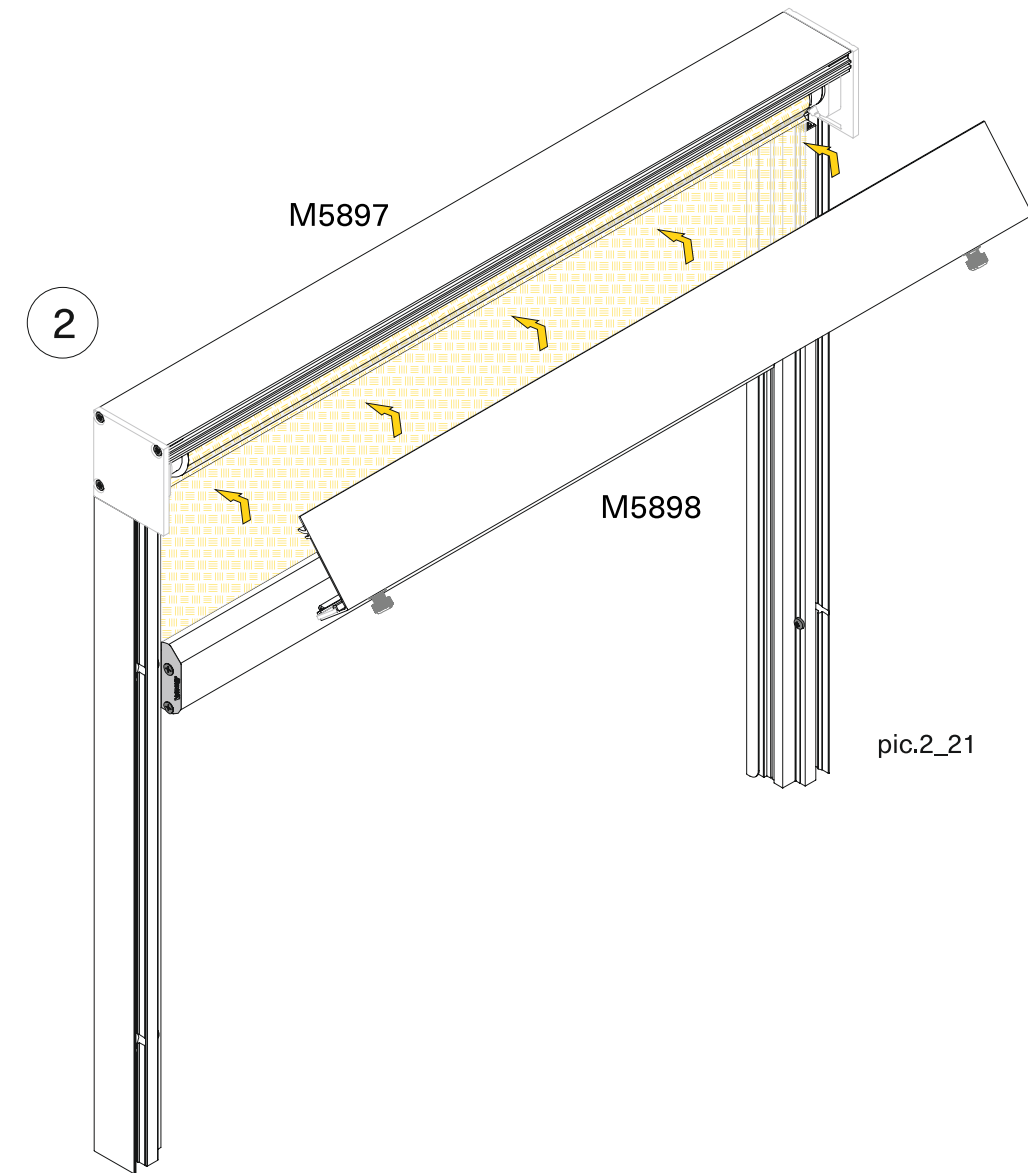


☞ Place the edges of the shading cloth in the slots of the ZIP PVC inside the M5820 profile.

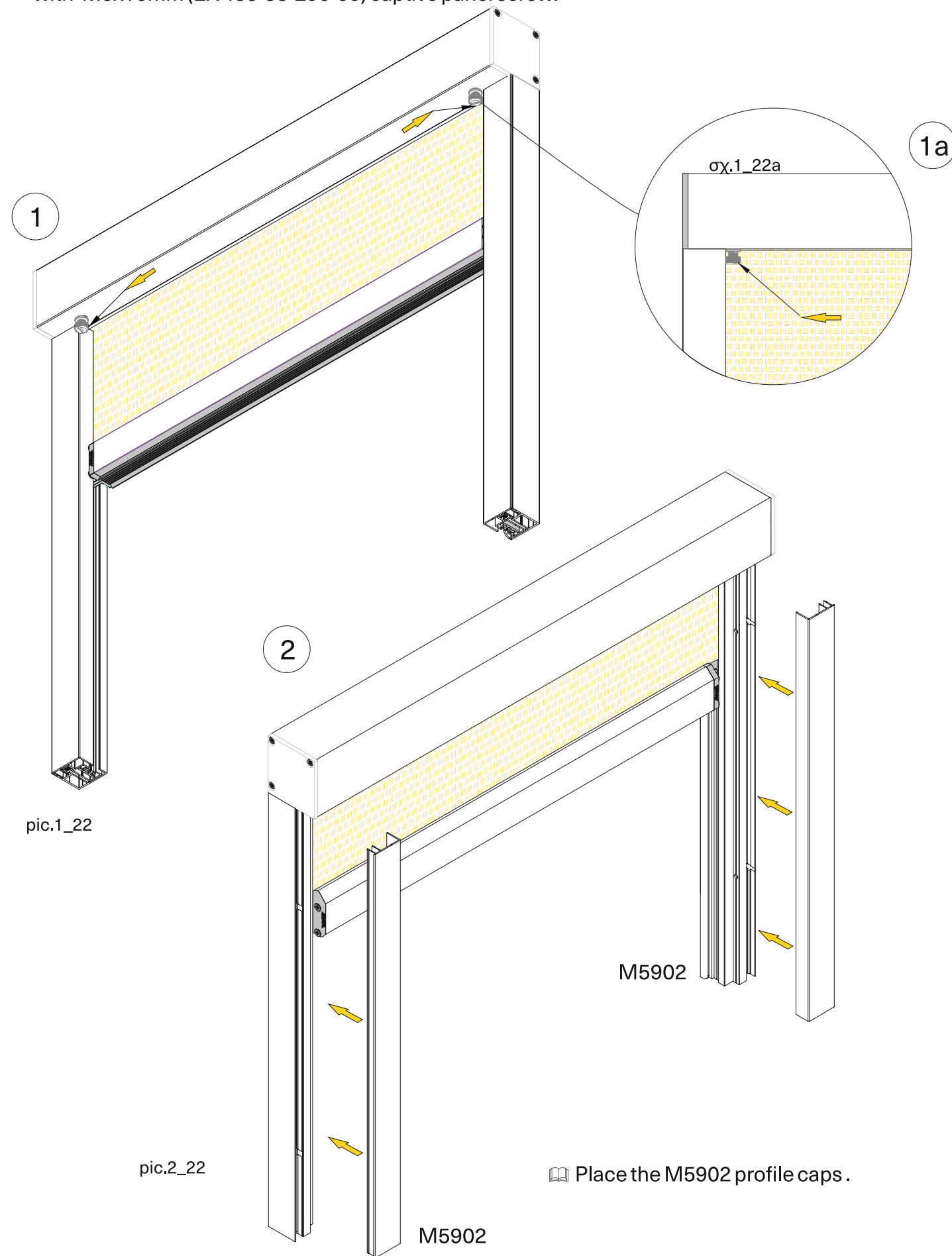
Place the M5820 profile with the ZIP-screen inside of the slots of the M5901 profile and fasten it per 300mm with EX 798-91-204-08 (4mmx8mm) screws.



Place the profile M5898 by snapping it into the slots of the profile M5897 of the independent ZIP-screen.

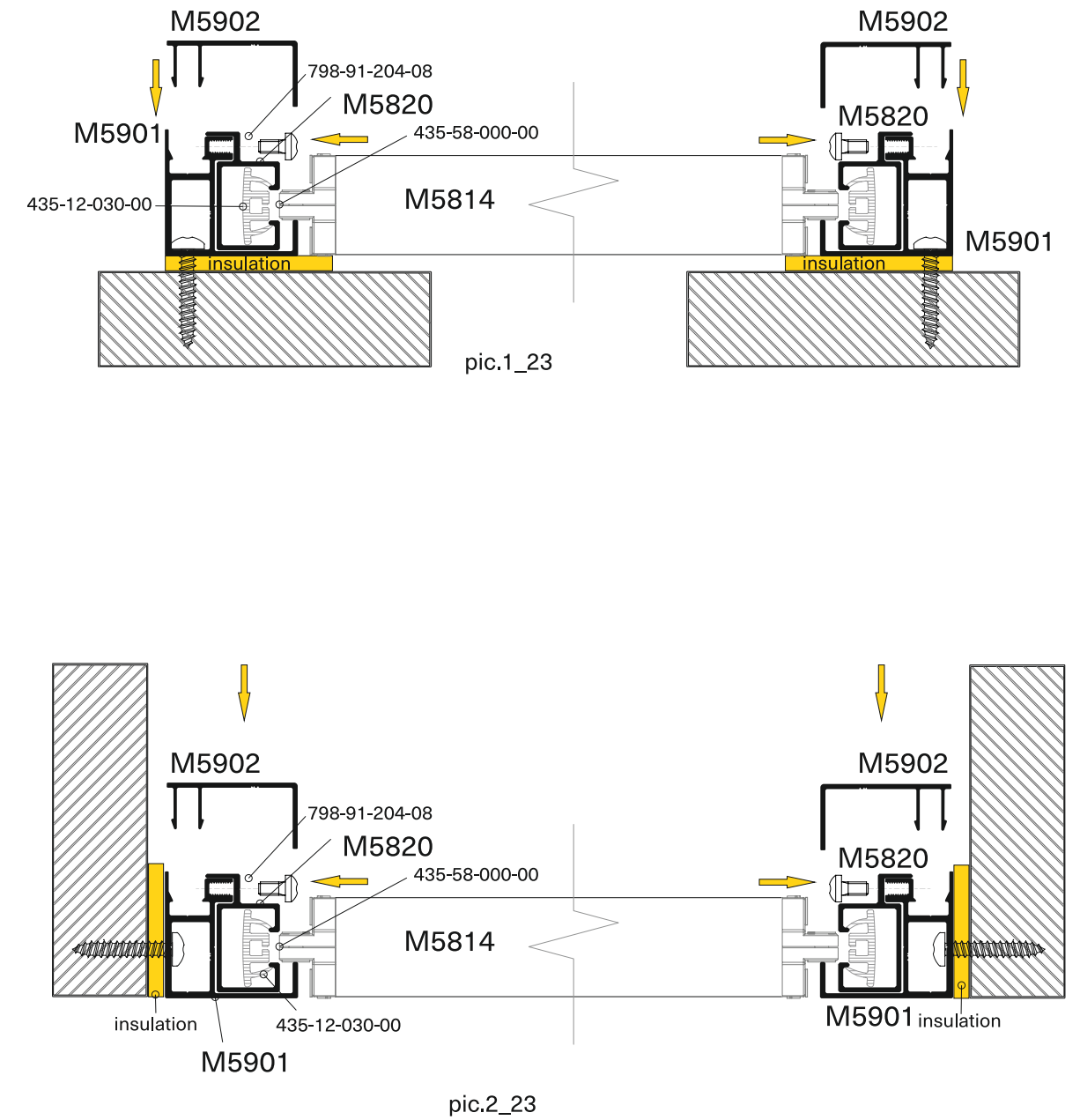


Secure by sliding the special components into the bases of the side covers, screwing them with M5x16mm (EX 435-58-290-00) captive panel screw.

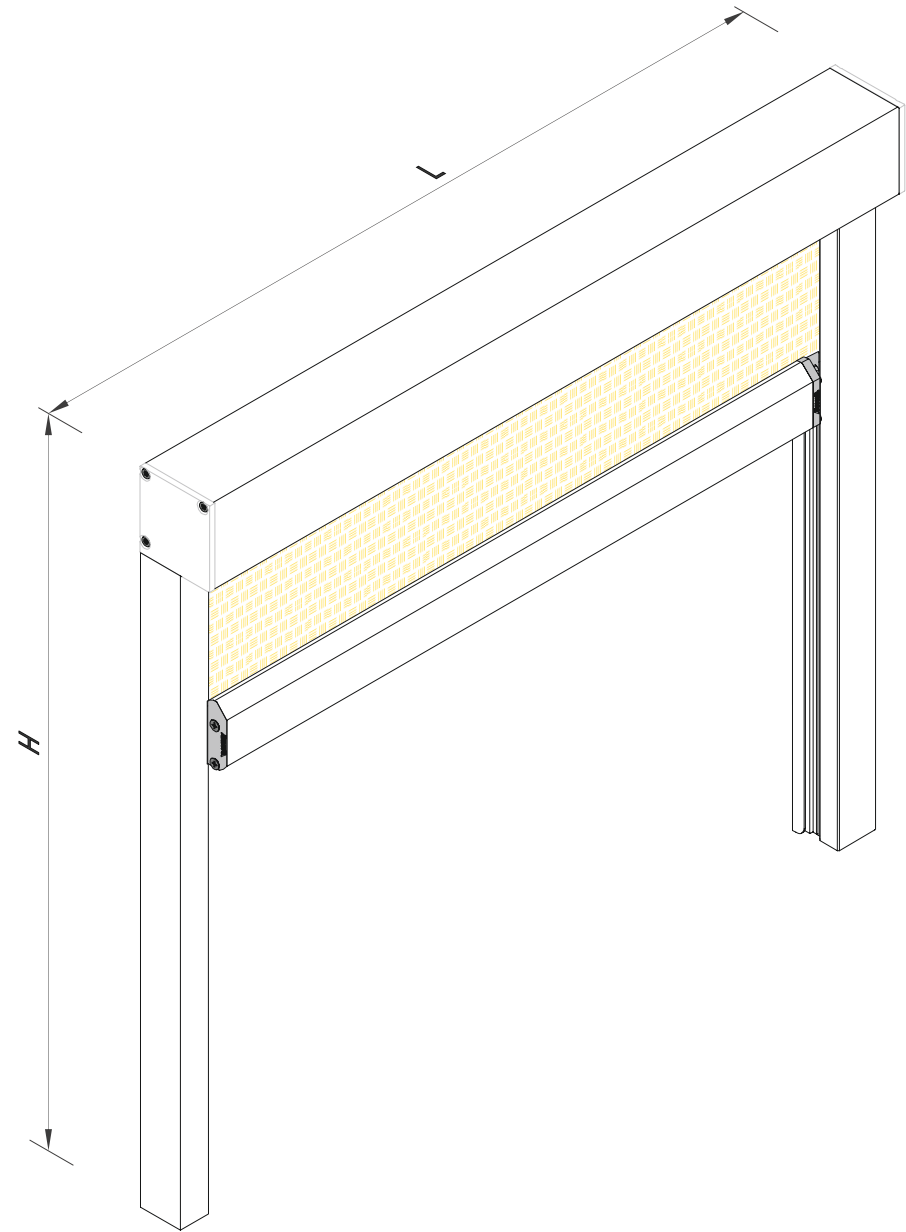


Place the M5902 profile caps.

Place the M5902 profile of the vertical and horizontal guides.
ATTENTION: At the contact points of the metal surfaces and the aluminum profiles of the independent ZIP-screen, it is recommended to insulate them before screwing with the use of butyl tape EX 720-19-992-00.



The independent ZIP-screen is ready to be programmed. Follow the ZIP-screen programming instructions.

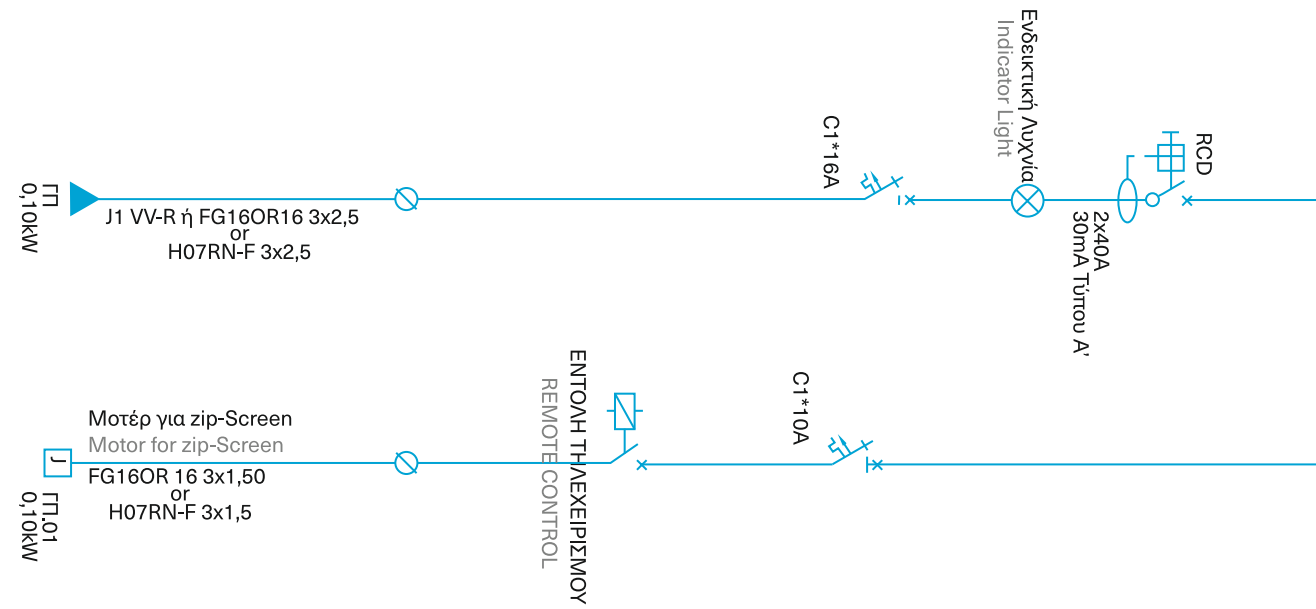


pic.1_24



APPENDIX I

All required cable connections must be made by a licensed electrician and we recommend that the electrical connections be in accordance with the electrical circuit below:



pic.1_26

ATTENTION: The authorized electrician should install foundation/equivalence grounding in the ZIP construction.

HEADQUARTERS&FACTORY

Kilkis Industrial Area, Block 11
PO box 19, Kilkis PC 61100

T: +30 23410 71100
E: pergolas@glmhellas.com



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