


INSTALLATION MANUAL

INDEPENDENT ZIP Z120


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

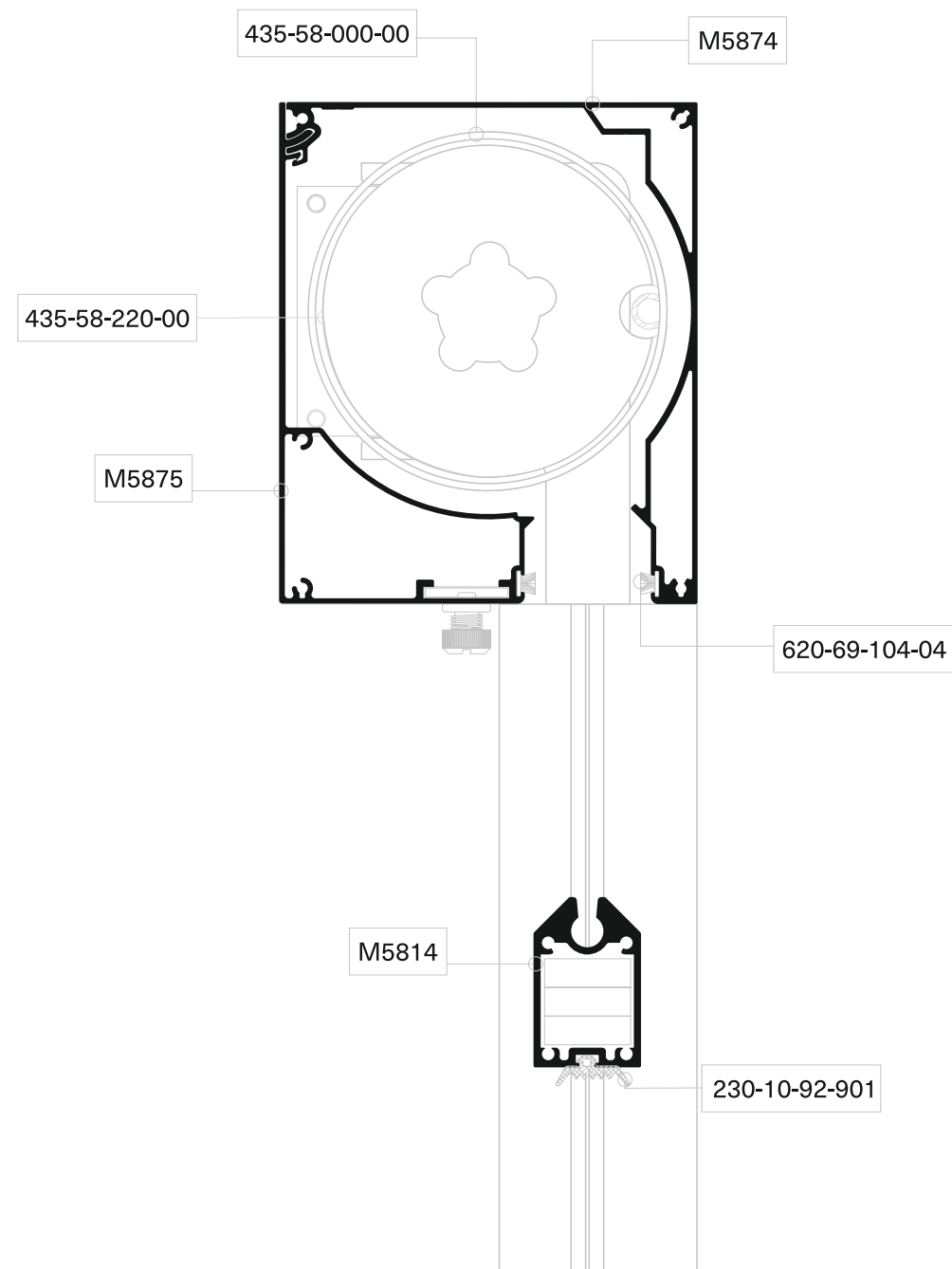
13 — 24
INDEPENDENT
ZIP ASSEMBLY

25 — 26
APPENDIX

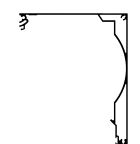
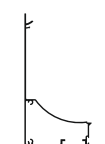






Ανακαλύψτε όλα τα συστήματα
outdoor στο glm-outdoor.com

outdoor solutions

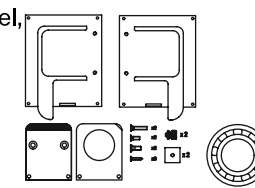


PROFILES
& ACCESSORIES

<p>M5874</p>  <p>lx (cm⁴): 189 ly (cm⁴): 104,9 Outside perimeter (mm):588,9 Primary perimeter (mm): 268</p>	<p>M5875</p>  <p>lx (cm⁴): 10,79 ly (cm⁴): 34,26 Outside perimeter (mm):434,3 Primary perimeter (mm): 209</p>	<p>M5819</p>  <p>lx (cm⁴): 13,20 ly (cm⁴): 14,25 Outside perimeter (mm):295,8 Primary perimeter (mm): 134,9</p>	<p>M5820</p>  <p>lx (cm⁴): 0,72 ly (cm⁴): 2,15 Outside perimeter (mm):193,8 Primary perimeter (mm): 0</p>
<p>M5821</p>  <p>lx (cm⁴): 3,5 ly (cm⁴): 0,28 Outside perimeter (mm):164,2 Primary perimeter (mm): 71,93</p>	<p>M5814</p>  <p>lx (cm⁴): 11,22 ly (cm⁴): 4,7 Outside perimeter (mm):181,5 Primary perimeter (mm):130,6</p>		

435-58-250-00

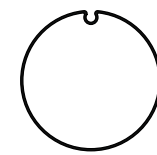
Aluminium;
stainless steel,
etc.



Mounting set for 120mm Independent Scr.Rollers


435-59-000-00

Galvanized steel



Electric roller screen shaft

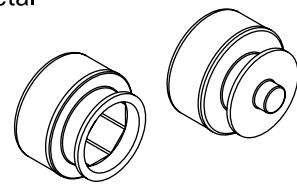
425-99-100-10



Motor bracket

435-58-300-00


Acetal



Set caps fo Zip-Screen Ø78


435-58-243-00

Acetal



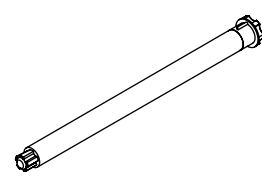
SOMFY'S Motor Ø78 wheel

435-97-070-00



Adaptor LT-50 Octagon 60x0,8

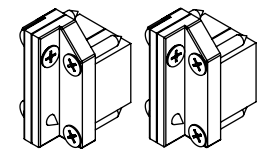
435-11-162-00



50 IO 35/17 VVF 5M MOTOR

435-58-860-00

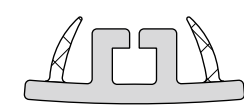
Polyamide



Set of Pairs of End Caps for M5814 Profile

435-12-030-00


50 m



PVC ZIP

230-10-929-01


50 m



ZIP gasket

620-69-104-04


50 m



Brush 4 mm Grey

798-91-204-08

Galvanized 100 pcs



Pan Head M4x8

SHADER ZIP

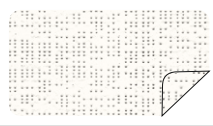
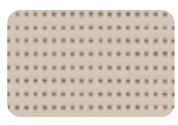
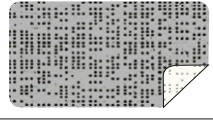

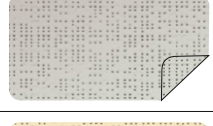




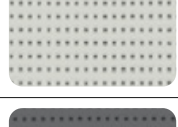



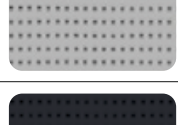

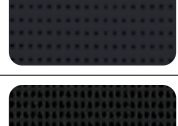

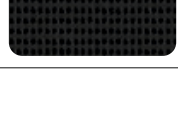
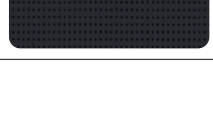
	Serge Ferrari 92 White	GLM-04187		Serge Ferrari 86 Sandy beige	GLM-04183
	Serge Ferrari 92 Alu/White	GLM-04191		Serge Ferrari Bronze	GLM-04177
	Serge Ferrari 92 Alu/Alu	GLM-04194		Serge Ferrari 86 White	GLM-04181
	Serge Ferrari 92 Champagne	GLM-04192		Serge Ferrari 86 Champagne	GLM-04184
	Serge Ferrari 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




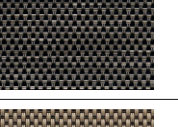

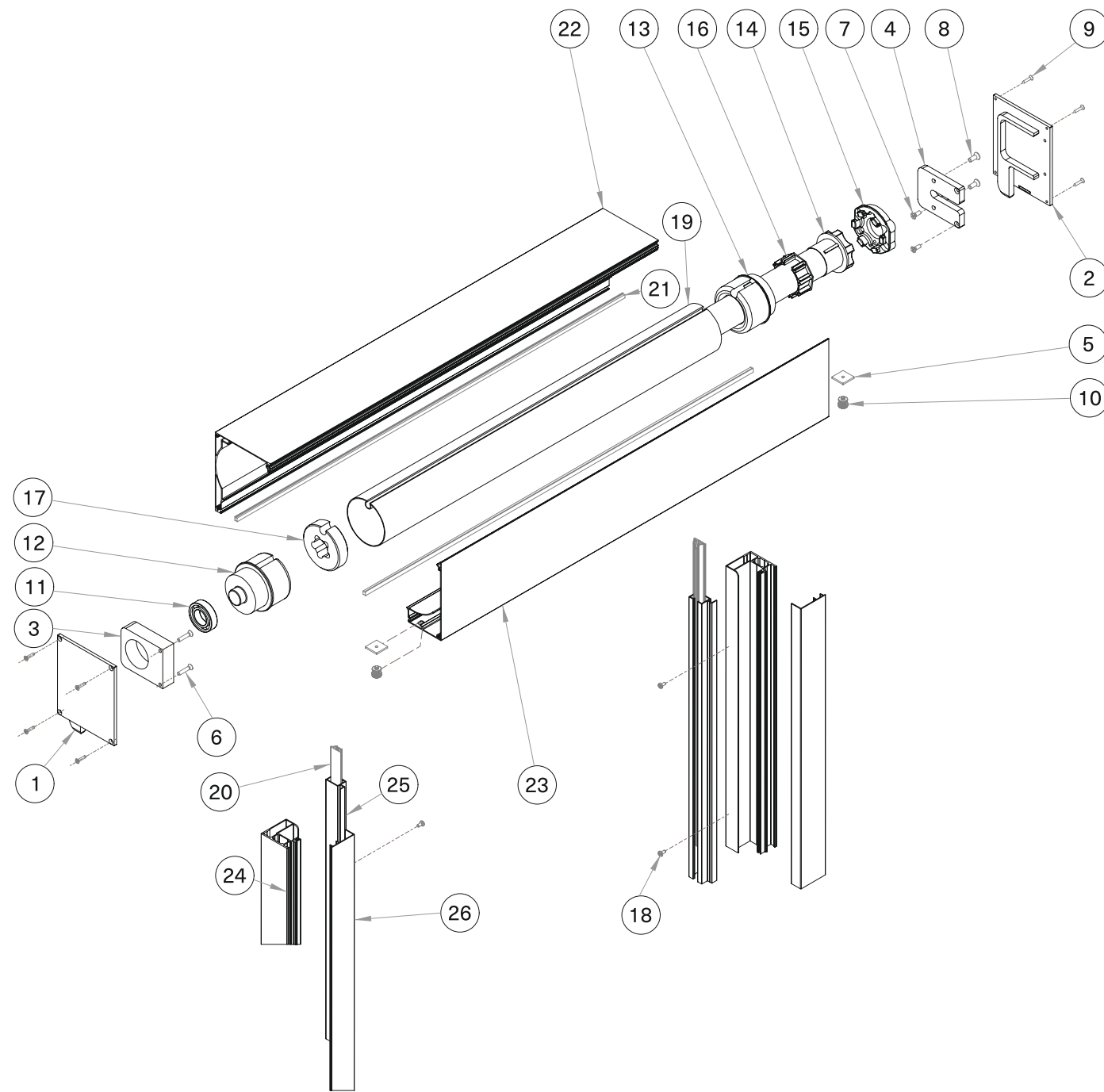
	Suntex 95 Dark Bronze	GLM-04282		Suntex 97 Dark Bronze	GLM-04289
	Suntex 95 WHITE/GREY	GLM-04283		Suntex 97 WHITE/GREY	GLM-04290
	Suntex 95 SAND	GLM-04284		Suntex 97 SAND	GLM-04291
	Suntex 95 CHESTNUT	GLM-04285		Suntex 97 BLACK	GLM-04294
	Suntex 95 MOCHA	GLM-04286		Suntex 97 CARBON	GLM-04293
	Suntex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

Table. 1_9

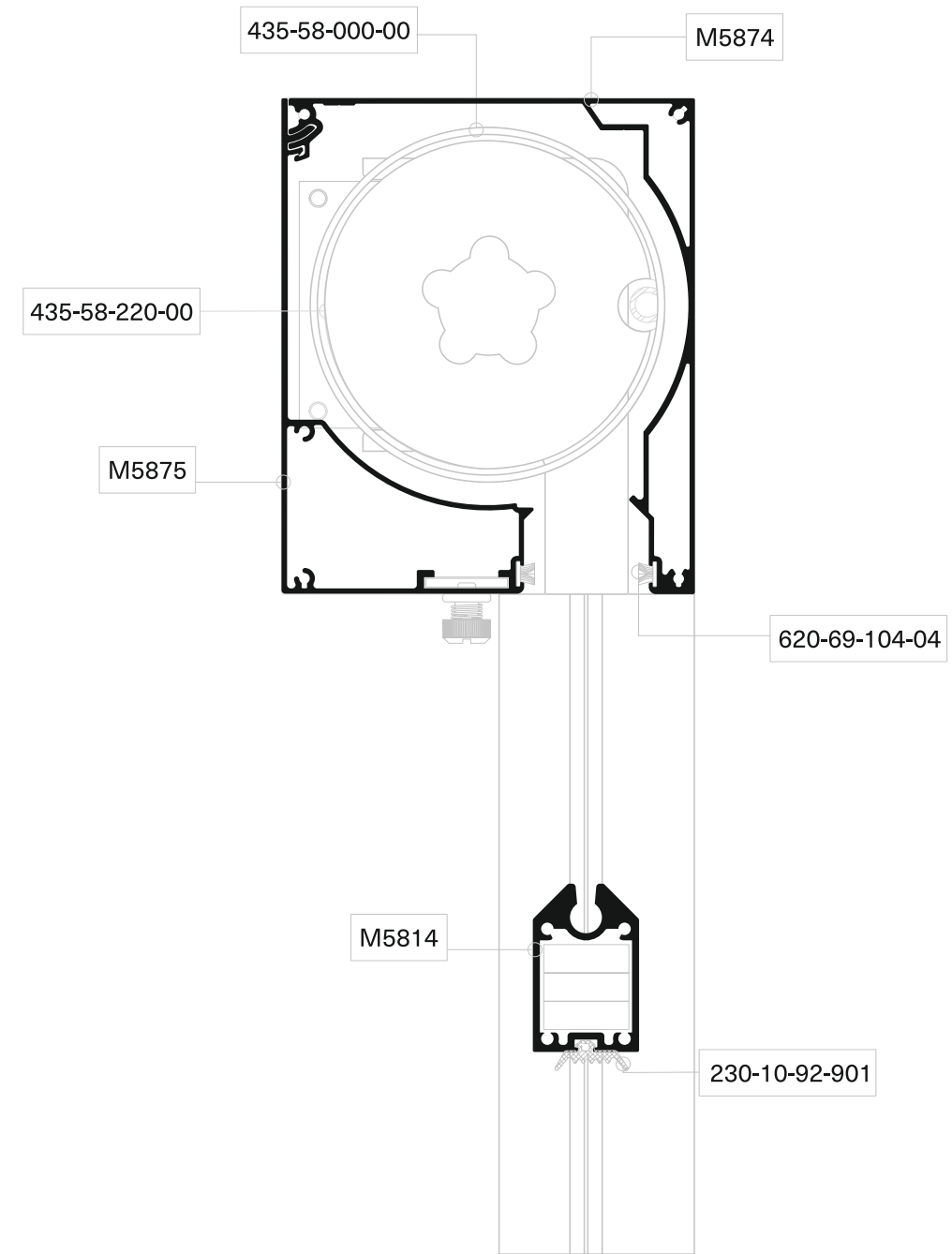
Table.1_14



pic.1_10

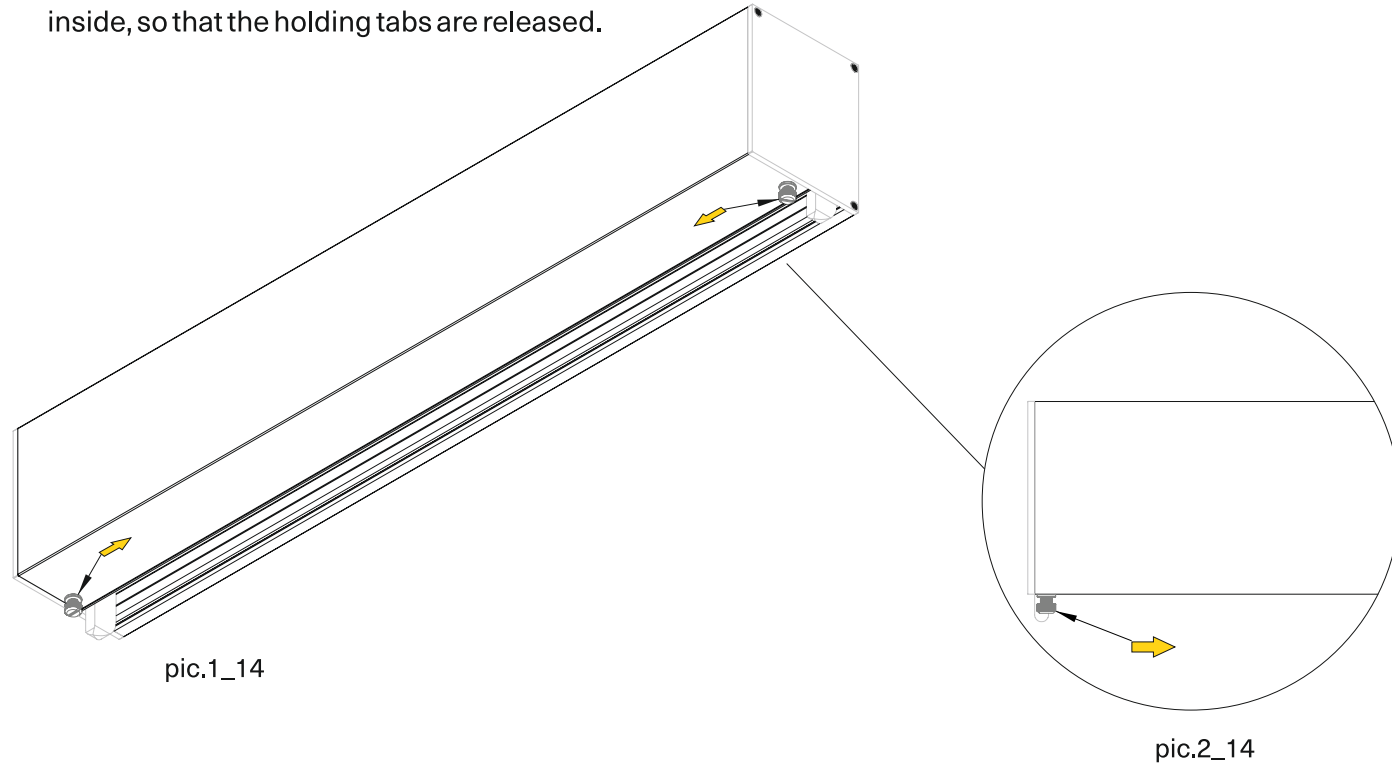
ATTENTION: The drawing numbers are indicated on the pages (e.g. fig.A_B. "A" corresponds to the scheme number and "B" represents the page number).

ACCESSORIES LIST			
ITEM	ACCESSORY CODE	SUBJECT	QUANTITY
1	435-58-250-00	CAP FOR INDEPENDENT SHADER,LEFT	1
2	435-58-250-00	CAP FOR INDEPENDENT SHADER,RIGHT	1
3	435-58-250-00	BEARING ADAPTOR FOR INDEPENDENT SCREEN ROLLERS	1
4	435-58-250-00	MOTOR ADAPTOR	1
5	435-58-250-00	CAP LOCK PLATE	2
6	435-58-250-00	CSK A2 ISO 7046-1-M5x25-4,8-Z	2
7	435-58-250-00	CSK A2 ISO 7046-1 -M5 x 14 - 4.8 - H	2
8	435-58-250-00	CSK A2 ISO 10642 -M6 x 16 ALLEN	2
9	435-58-250-00	CSK A2 ISO 7050 -ST 3,5x19-PH	8
10	435-58-250-00	CAPTIVE PANEL SCREW M5x16	2
11	435-58-250-00	DIN 625 T1 - 6005 - 25 x 47 x 12	1
12	435-58-300-00	D78 SHAFT ADAPTOR-BEARING	1
13	435-58-300-00	D78 SHAFT ADAPTOR-MOTOR	1
14	***_**_***_**	CYLINDRICAL MOTOR*	1
15	425-99-100-10	SUPPORT FOR Somfy MAESTRIA	1
16	435-97-070-00	ADAPTOR LT-50 OCTAGON 60x0,8	0
17	435-58-243-00	Somfy MOTOR D78 WHEEL	1
18	798-91-204-08	PAN METRIC GALVANIZED SCREW ISO 7045 M4x8	
19	435-59-000-00	SHAFT D78 FOR ELECTRIC SHADER	1
20	435-12-030-00	ZIP PVC	2
21	620-69-104-04	BRUSH 4 mm	2
22	M5874	PROFILE	1
23	M5875	PROFILE	1
24	M5819	PROFILE	2
25	M5820	PROFILE	2
26	M5821	PROFILE	2
CYLINDRICAL MOTOR*		CHOOSE ONE OF THE AVAILABLE OPTIONS FOR CYLINDRICAL MOTOR	
14	435-34-064-00	ALTUS RS IO 30/12	
14	435-45-767-00	SUNILUS IO 30/17	
14	435-11-162-00	MAESTRIA IO 35/17	

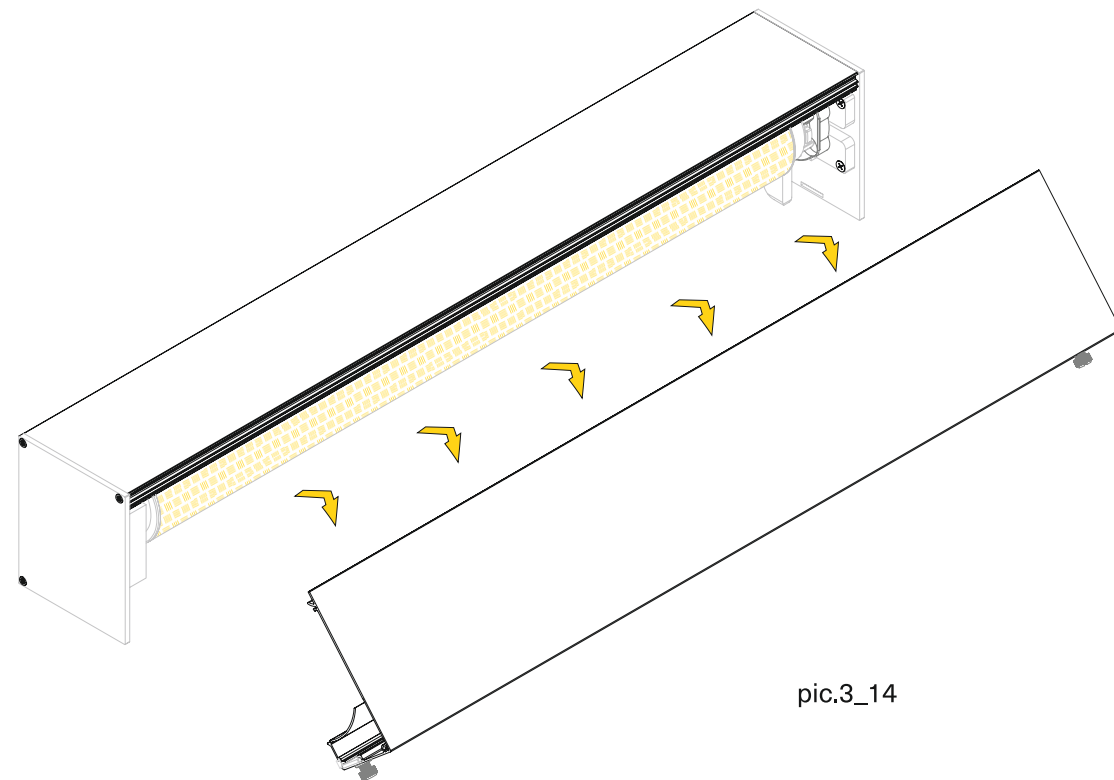


INDEPENDENT ZIP ASSEMBLY

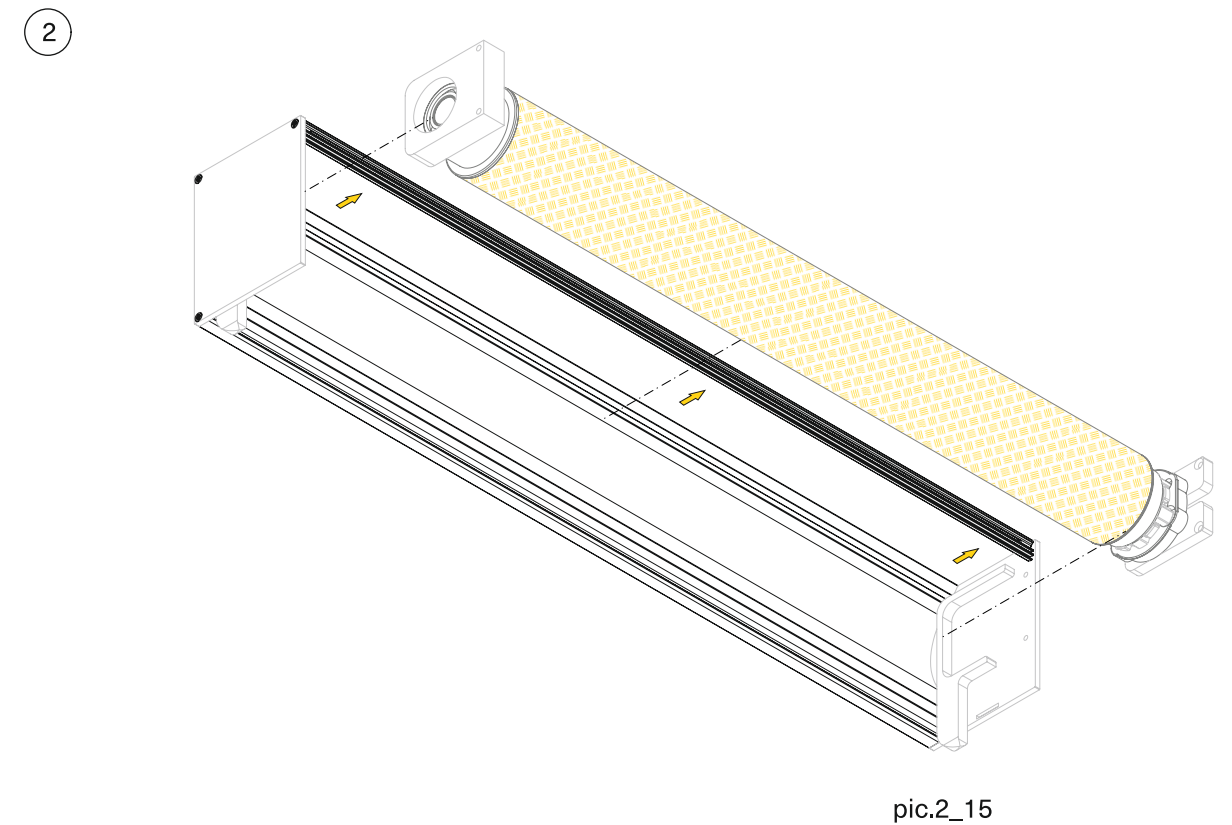
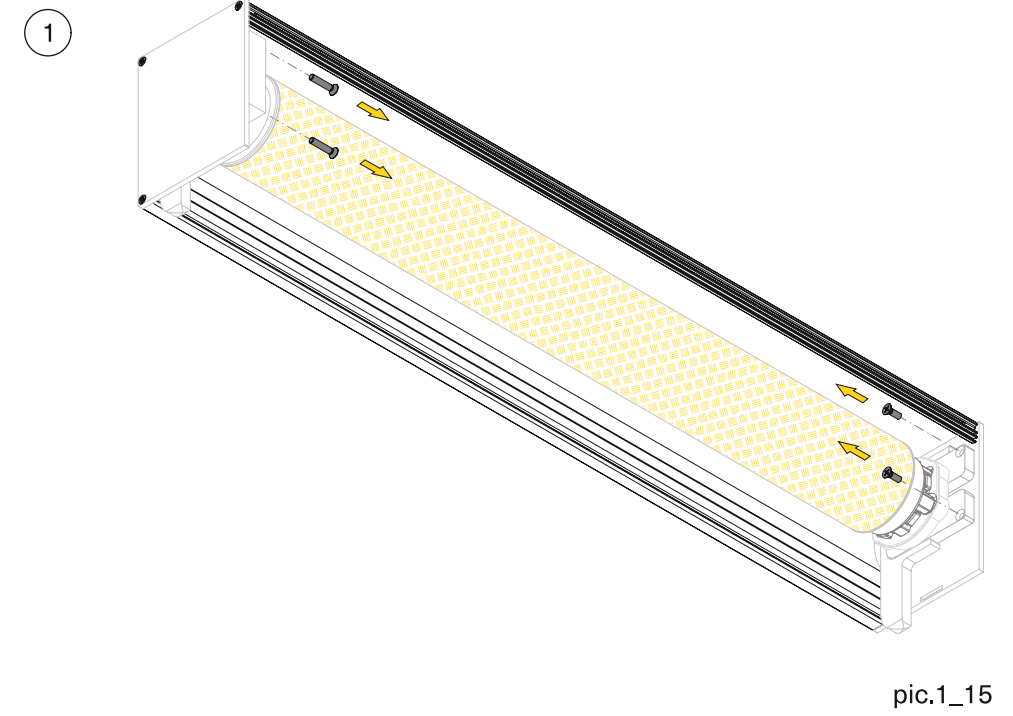
- ☐ Unfasten the suspension set screws (EX-435-58-250-00) at the bottom of the roller box and push them inside, so that the holding tabs are released.



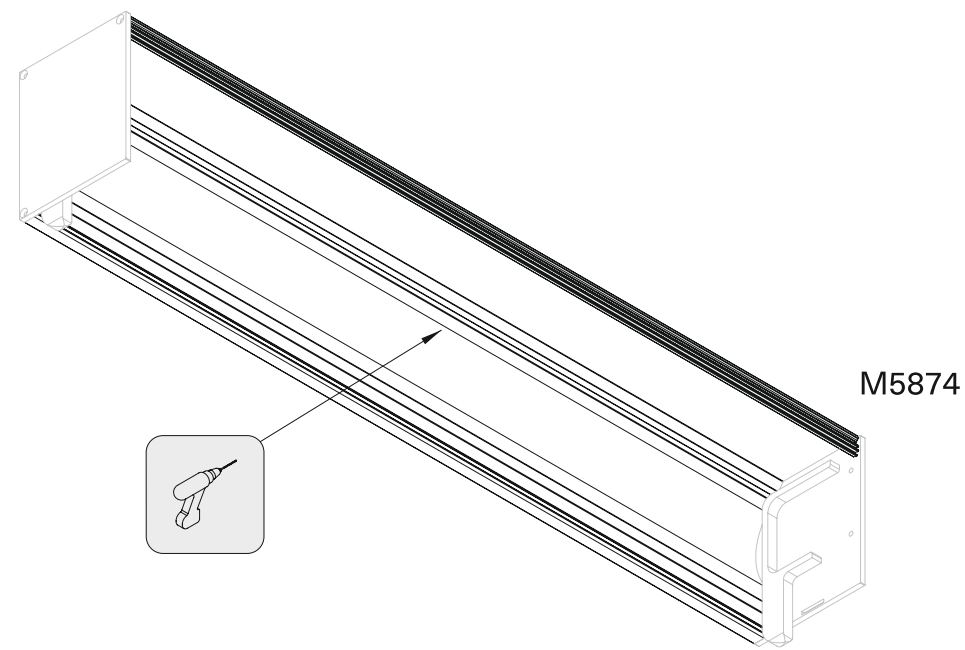
- ☐ Open the roller box by removing the front cover (profile M5875).



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

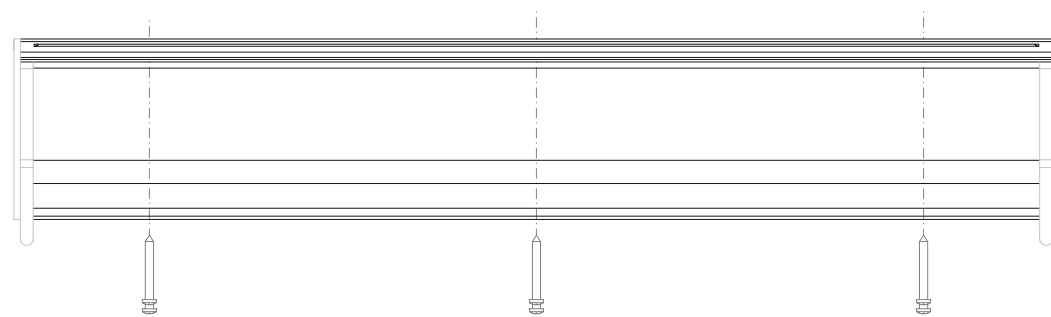


📖 Drill the back cover (profile M5874) according to the way you would like to place the box on the mounting surface.

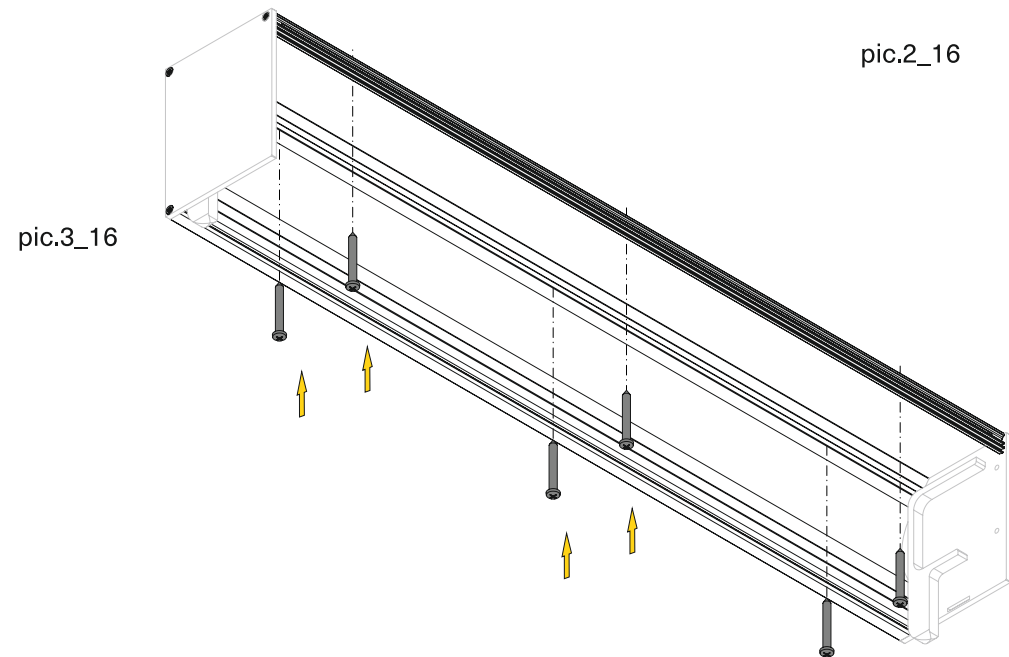


pic.1_16

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

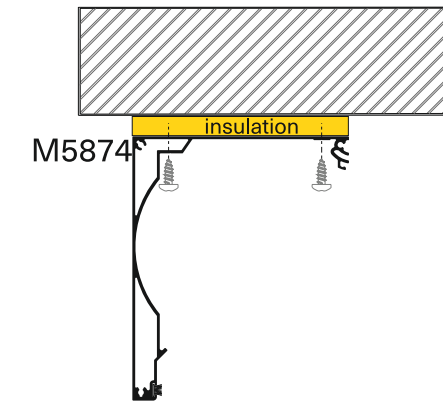


pic.2_16



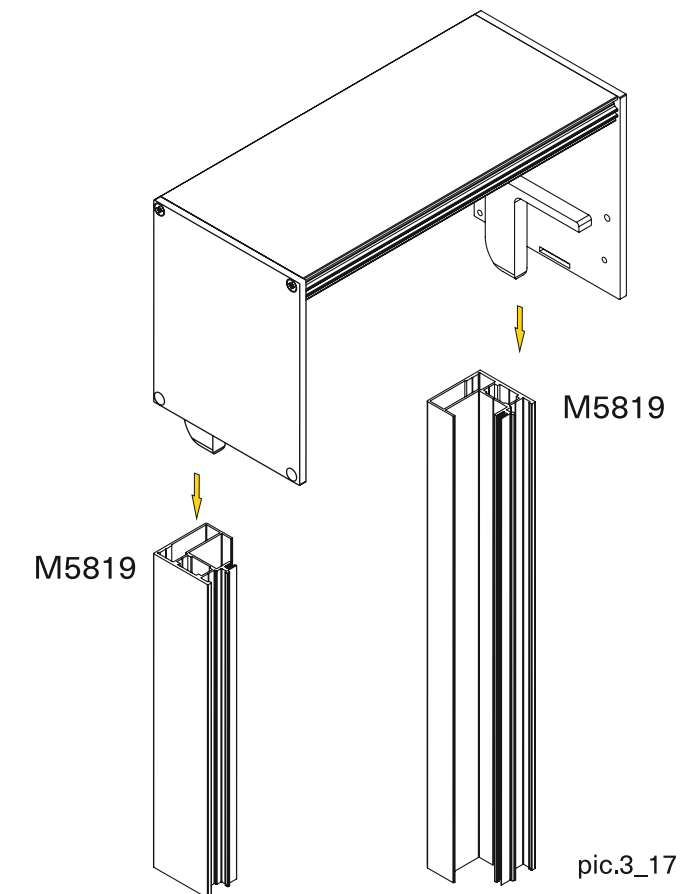
pic.3_16

📖 **ATTENTION:** At the contact points of the aluminum 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.



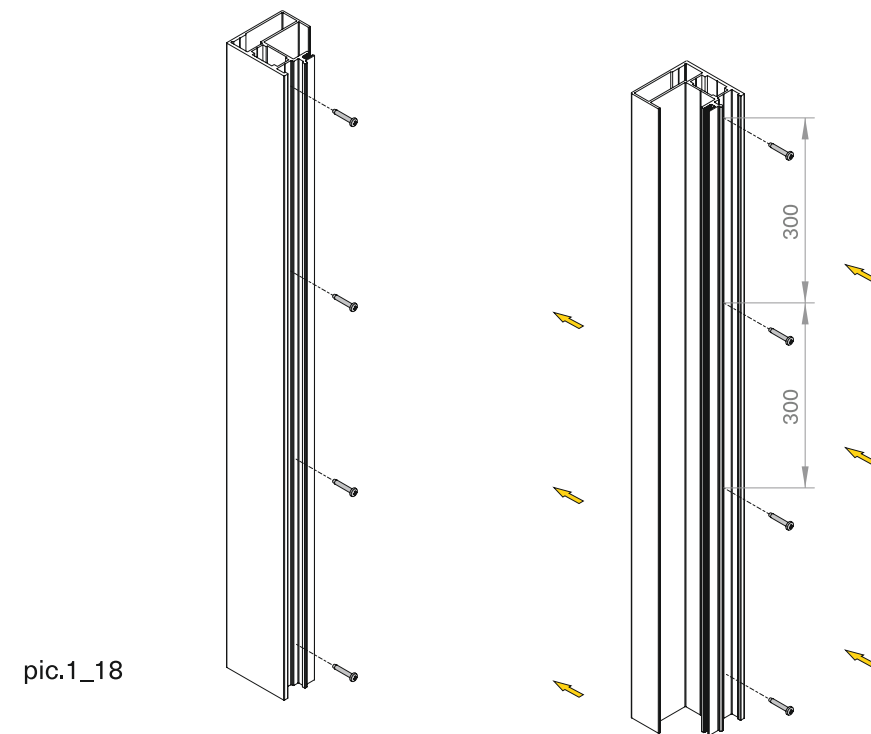
pic.2_17

📖 Place the two vertical profile guides M5819 applying them to the slots of the lower parts of the support caps.

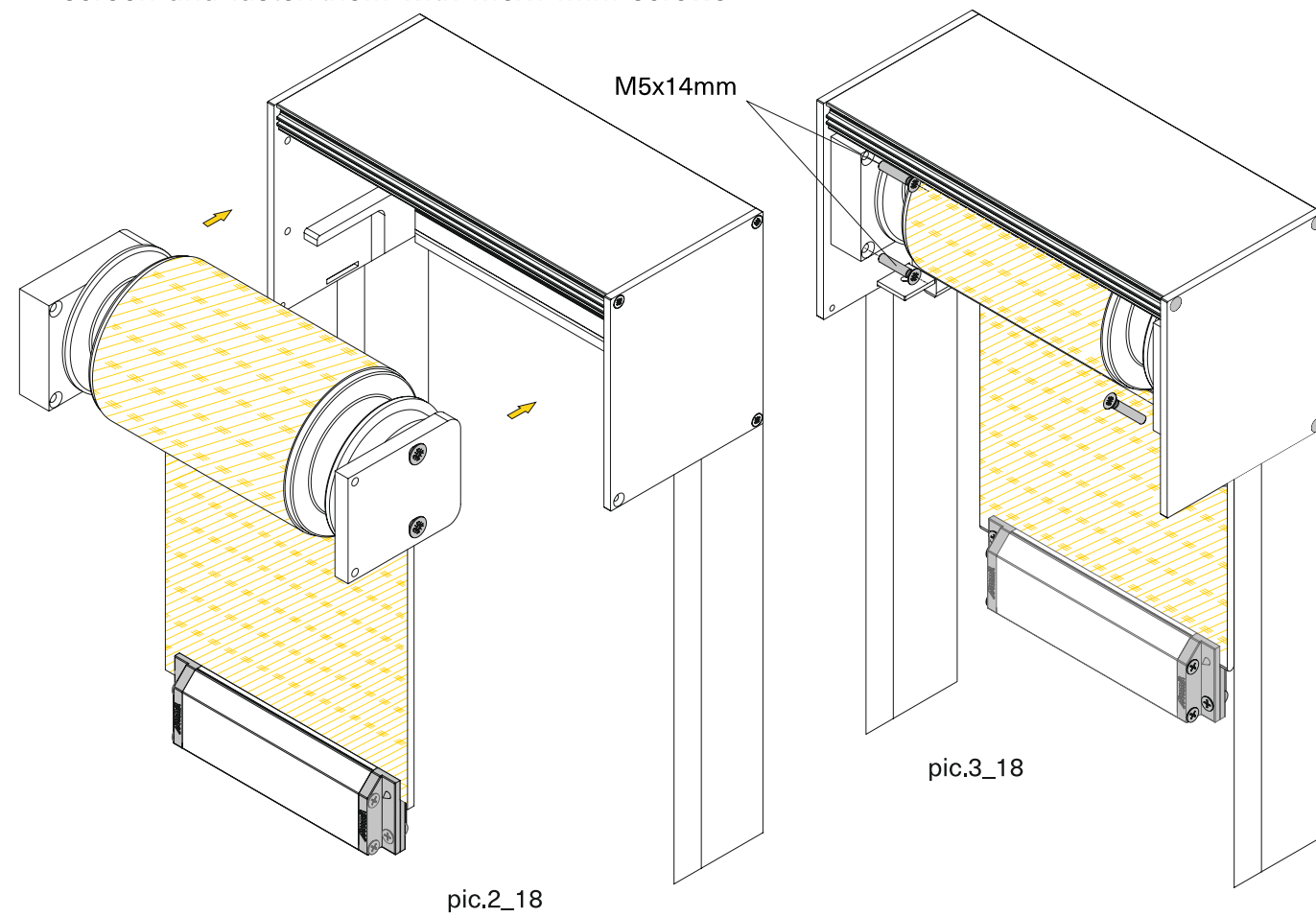


📖 Screw the vertical profile guides M5819 per 300mm on the existing construction bases.

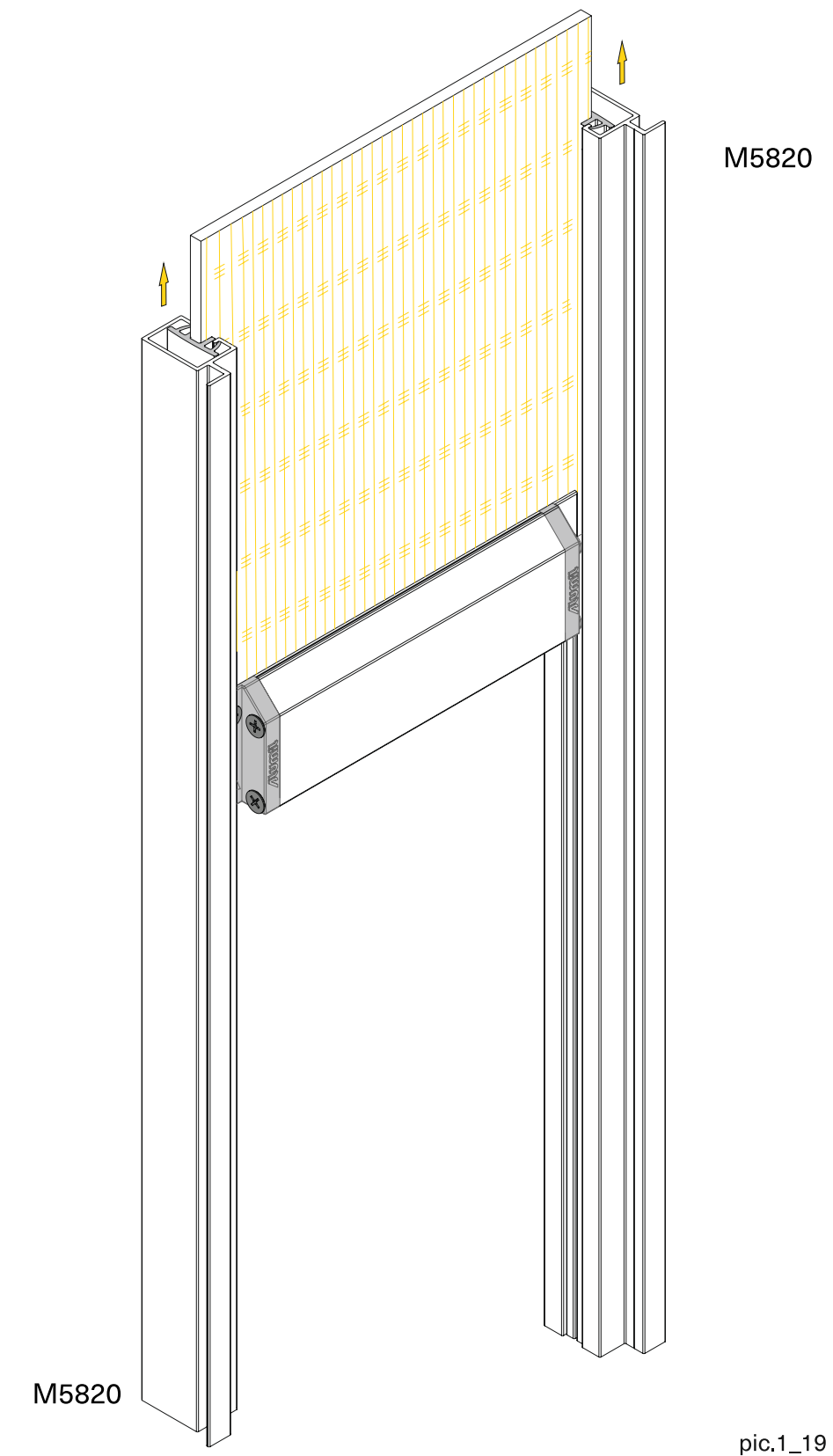
ATTENTION: The existing bases should be aligned.



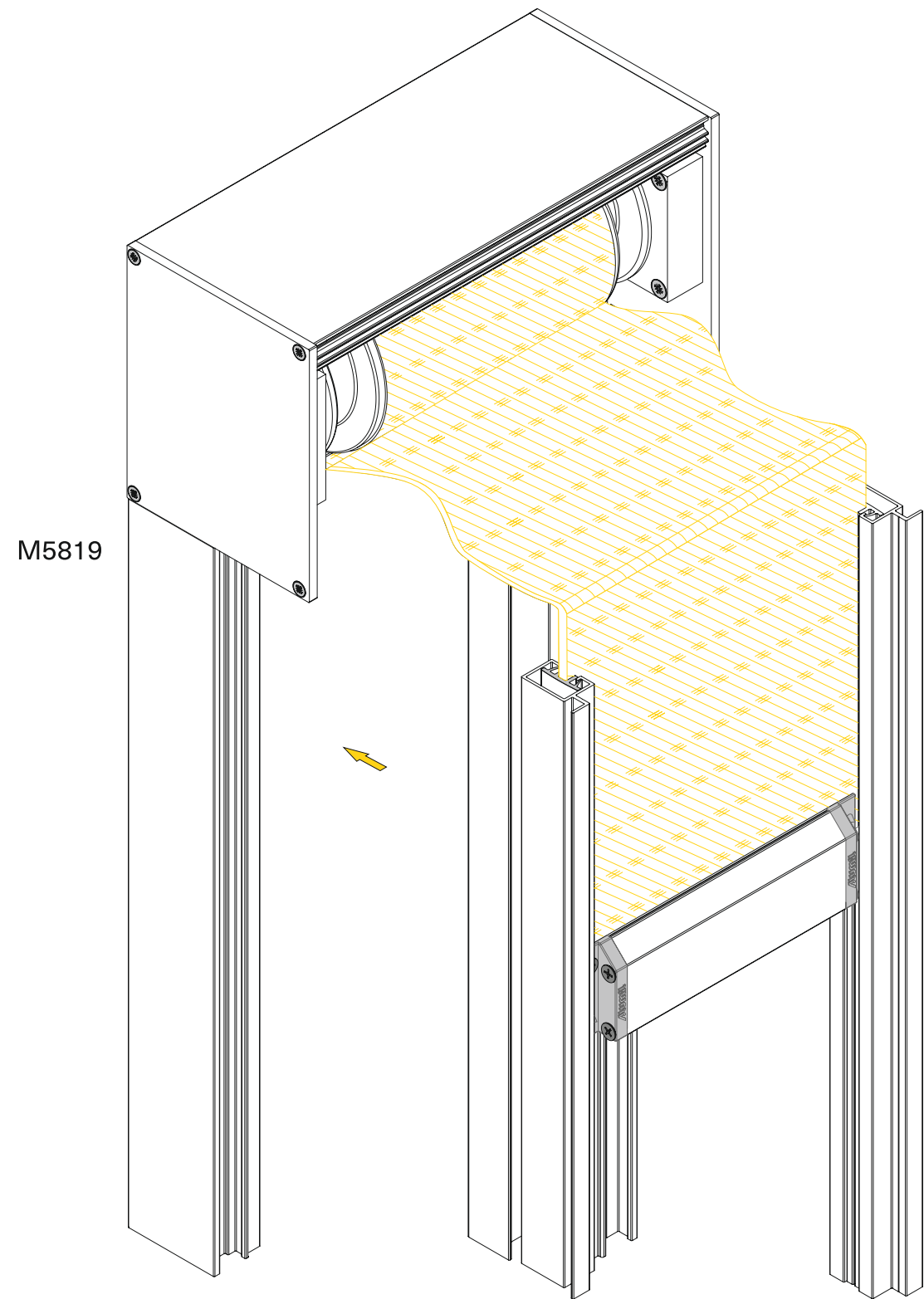
📖 Place the $\Phi 78\text{mm}$ shaft with the ZIP on the bases of the support caps of the independent ZIP-screen and fasten them with M5x14mm screws.



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

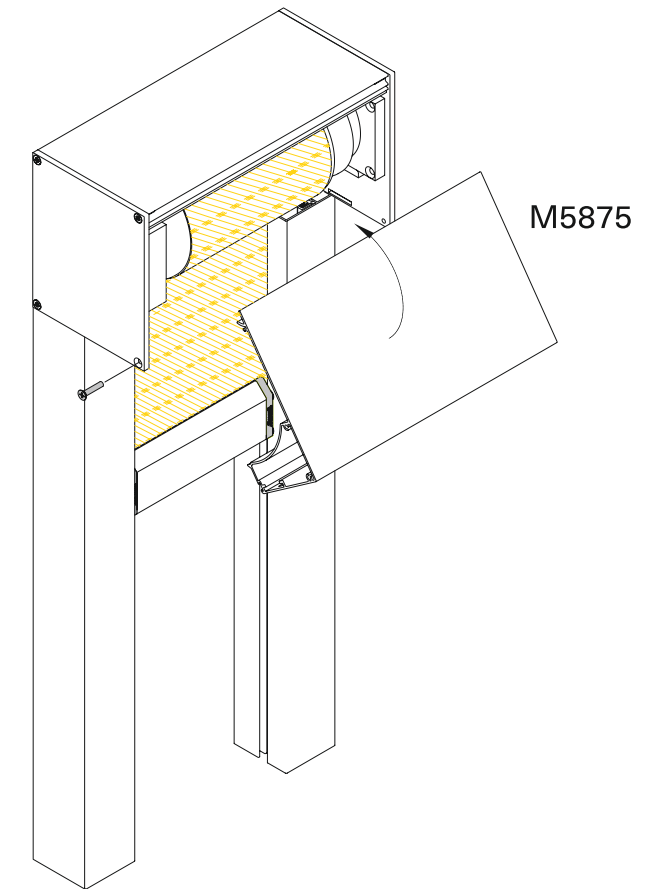


Place the M5820 profile with the ZIP-screen inside of the slots of the M5819 profile and fasten it with EX 798-91-204-08 (4mmx8mm) screws.



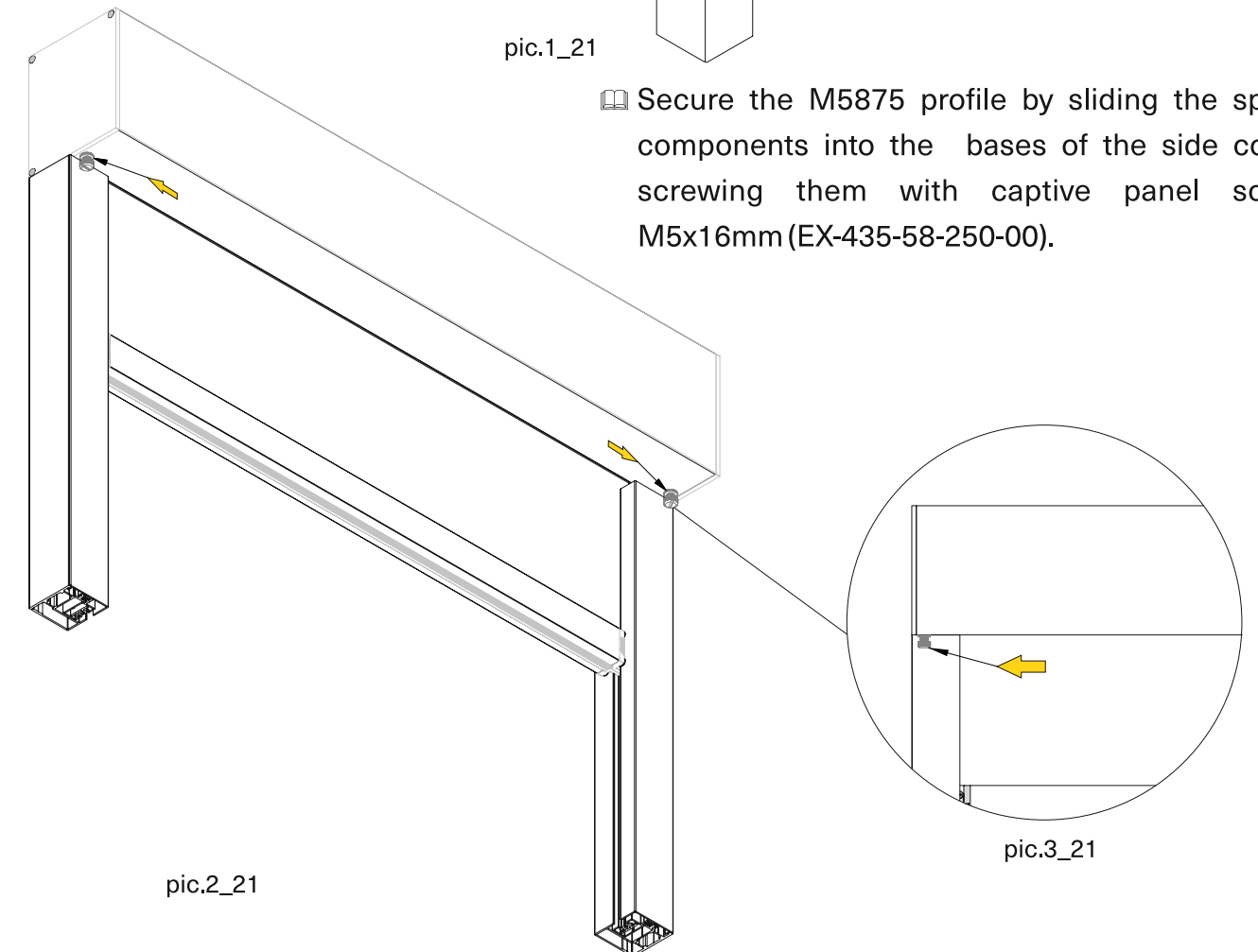
pic.1_20

Place the profile M5875 by snapping it into the slots of the profile M5874 of the independent ZIP-screen.



pic.1_21

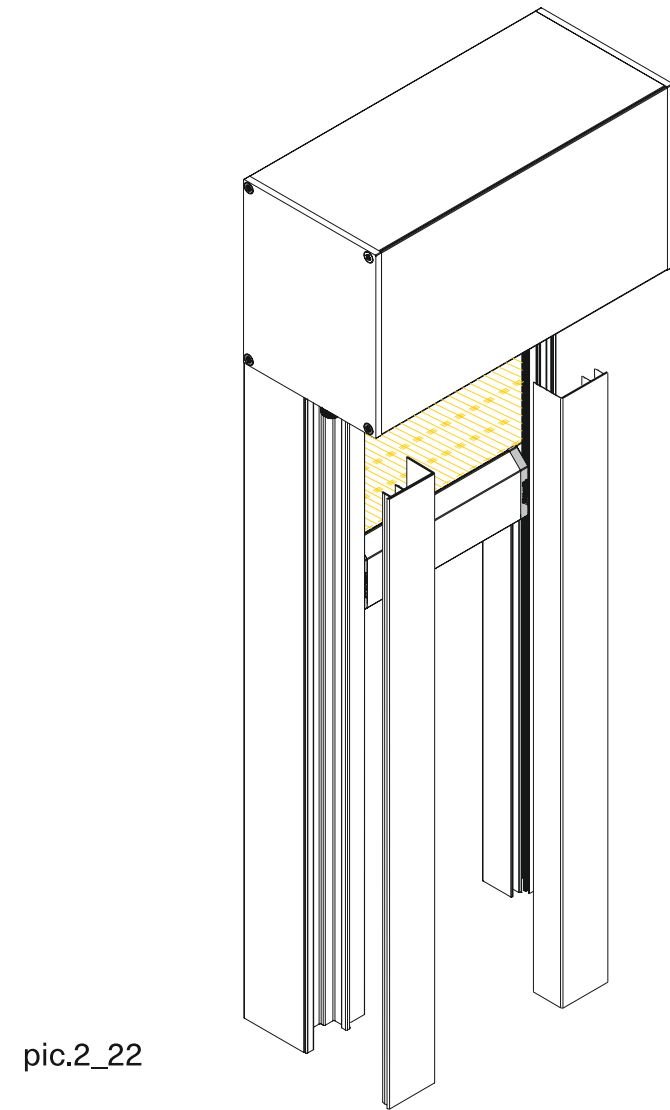
Secure the M5875 profile by sliding the special components into the bases of the side covers, screwing them with captive panel screws M5x16mm (EX-435-58-250-00).



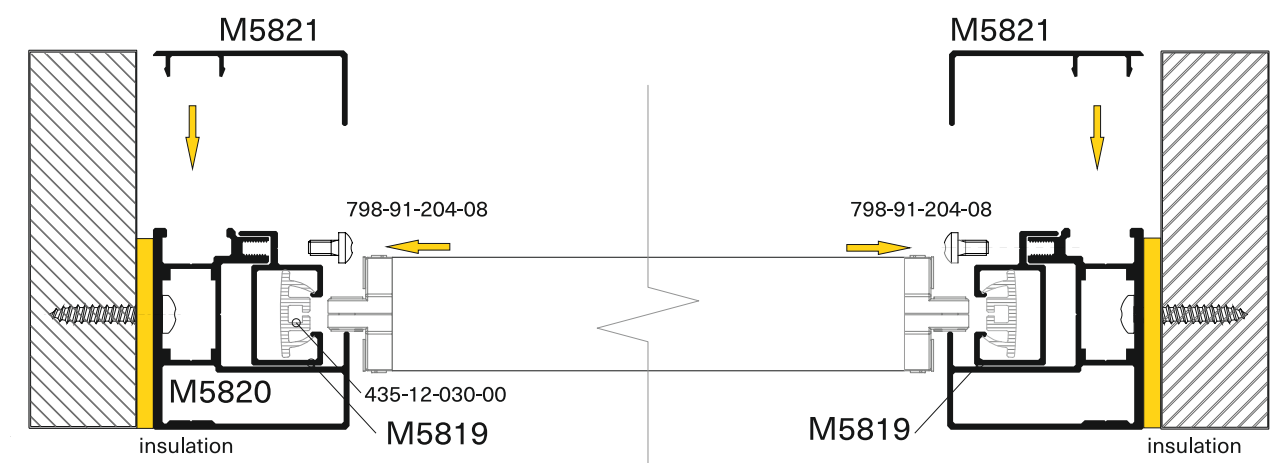
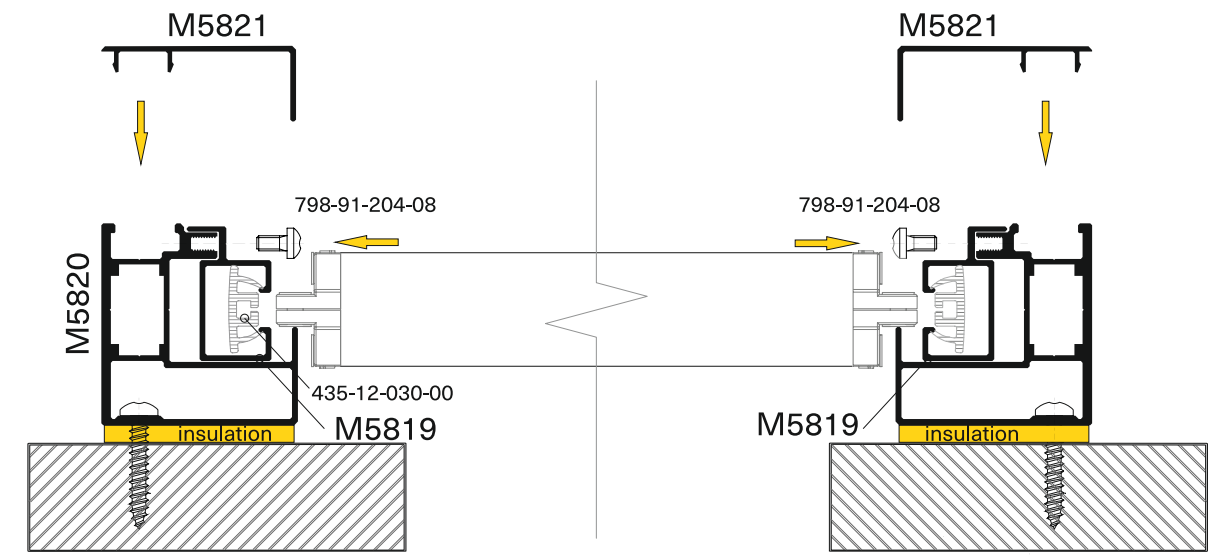
pic.2_21

pic.3_21

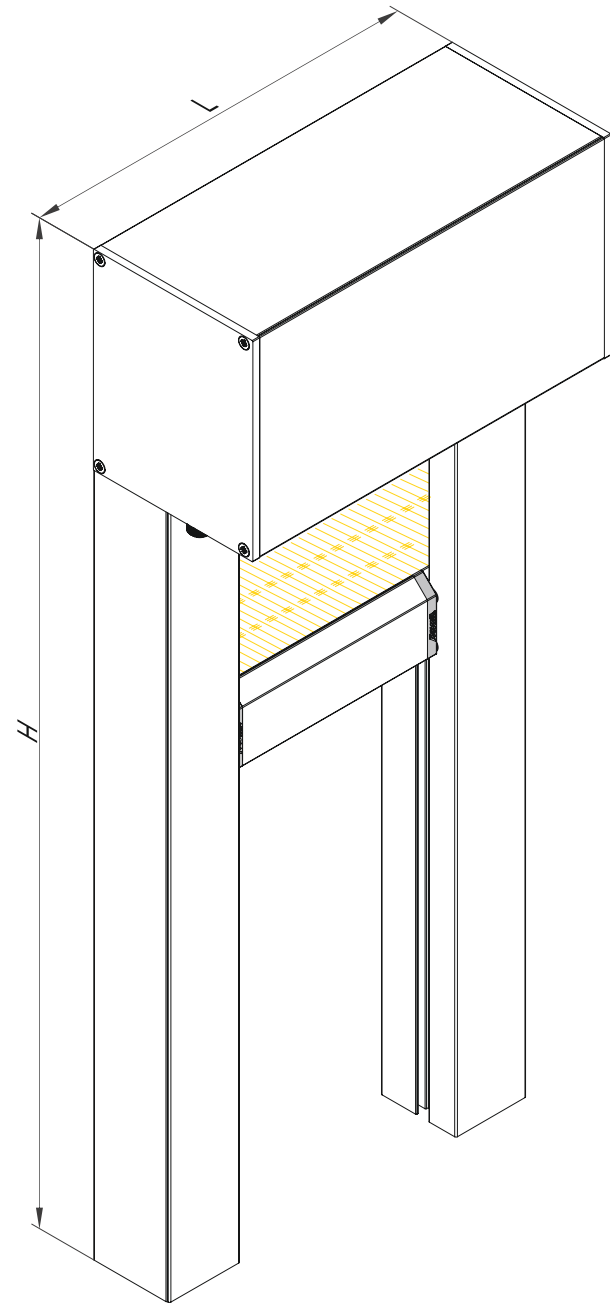
Place the M5821 profile caps on the slots of the vertical guides.



ATTENTION: At the contact points of the mounting surface 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.

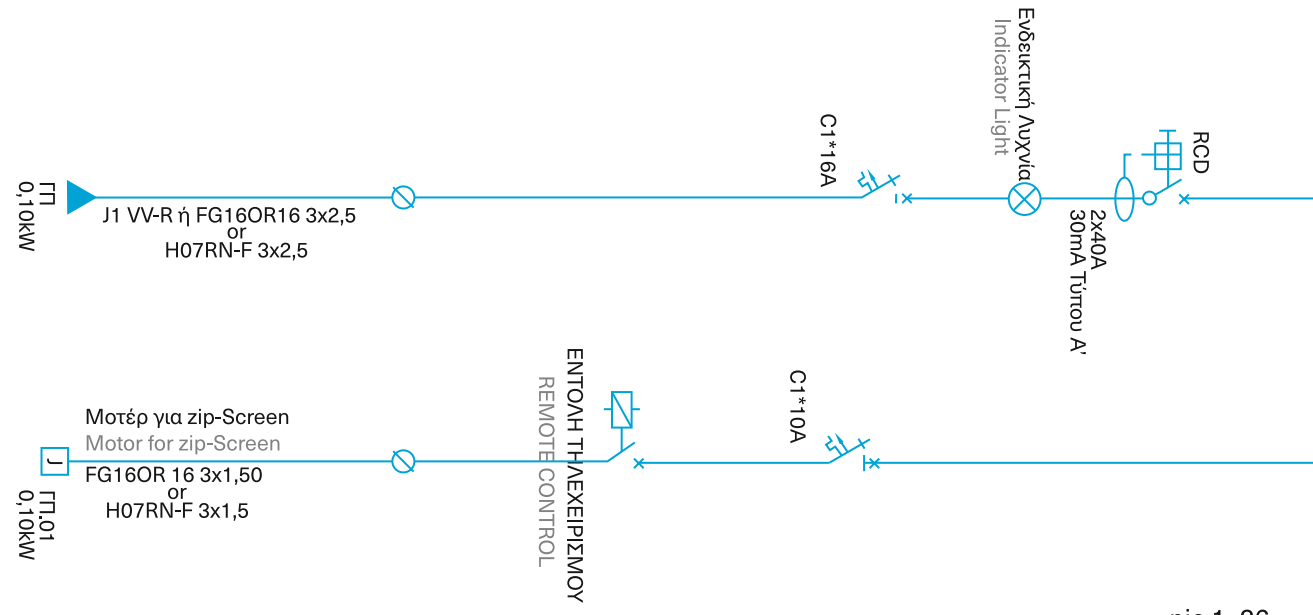


pic.1_24



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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