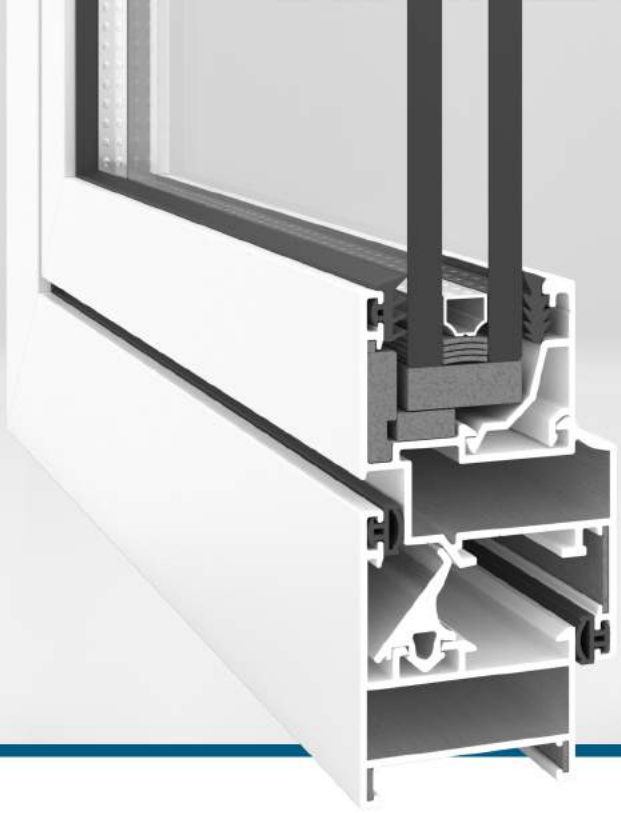

ALTEST®

ALUMINIUM PROFILES SYSTEMS

PONY

ALTEST Ltd.

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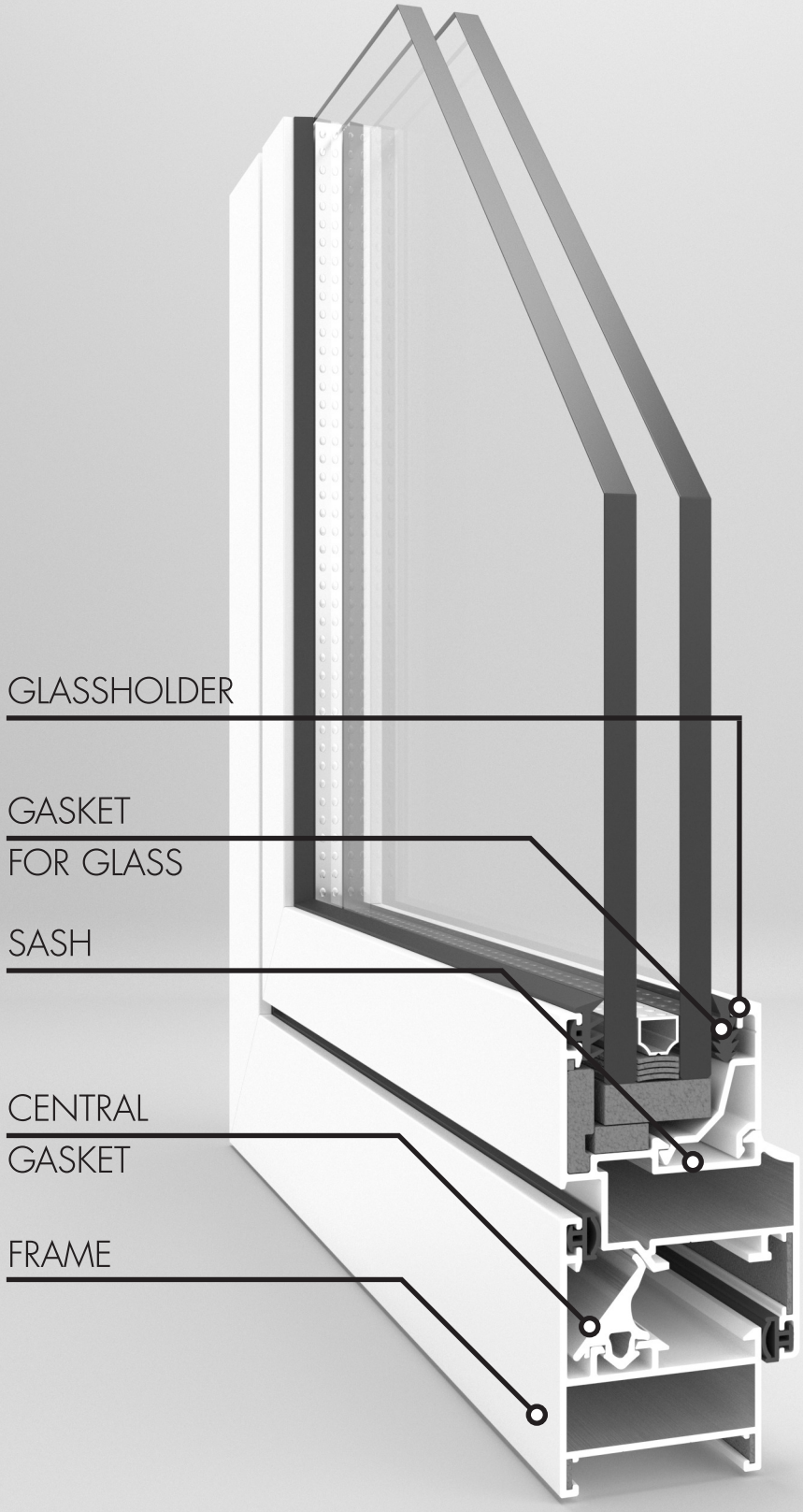
In conclusion - use original ALTEST profiles in compliance with the peculiarities and the technical characteristics presented in this catalogue.

CONTENTS:



ALTEST®
ALUMINIUM PROFILES SYSTEMS

INTRODUCTION

The "PONY " system of company ALTEST is 37,5mm aluminium series designed according to European standards and comfortable to requirements and dimensions of the hardware- hinges,locks and etc.

The ,,PONY" system is suitable for different version of opening and fixed systems. The range of profiles,modern accessories and EPDM gaskets guarantee perfect draining and fautless performance in different situations. The series is suitable also for tilt and turn mechanism.Versions of fixed,vertical and horizontal opening windows as well as fixed and opening sections doors are possible.

The ,,PONY" system is based on work with three seal gaskets-central, outer and inner(the central gasket is specially designed for the series). The dimensions of the hardware channel are designed according to the European Standard and in this way it provides trouble-free use of hardware and joints.The wide range of basic profiles and glass holders,allows the usage of single(4-10 mm) pane and 20 or 24 mm glazing.

Variable design elaboratons are possible, due to wide the variety of frames,sashes and other auxiliary profiles.

ALTEST company offers wide range of surface treatments : sublimation, powder coating ,anodizing and lamination.

,,PONY" series are extruded from the following alloys: EN AW-6060 (Al Mg Si) and EN AW 6063 (Al Mg0,7 Si).
The properties of alloy EN AW-6063 are:

*Ultimate tensile strength- R_m= 210 N/m^2

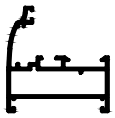
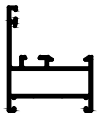
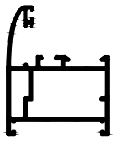
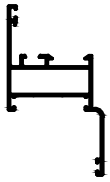
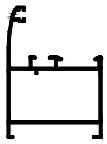
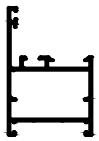
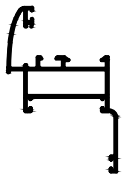
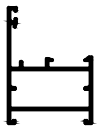
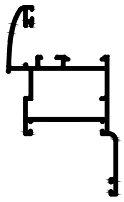
*Yield strength- $R_{p0,2}$= 160 N/m^2

*Modulus of elasticity- E_{al}= 70 000 N/mm^2 = 7.10^9 kg/m2

*Coefficient of thermal expansion: α=0.023 mm/m .K (up to 1.2 mm/m for difference up to 50 °)

PROFILES OVERVIEW

PROFILES OVERVIEW

Profile shape	Profile code / description	Weight (gr/m)	Profile shape	Profile code / description	Weight (gr/m)
	375 0004 frame new *	322		375 0020 frame	668
	375 0005 frame	580		375 0035 frame	819
	375 0006 frame	702		375 0036 frame	687
	375 0010 frame	665		375 0040 frame	758
	375 0011 frame	560		375 0045 frame	841

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

PROFILES OVERVIEW

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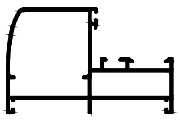
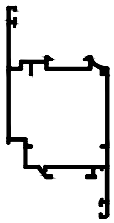
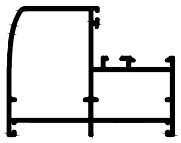
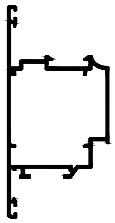
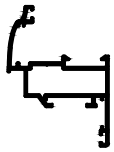
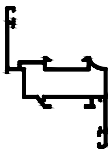
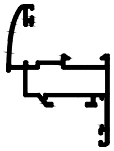
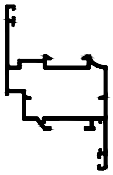
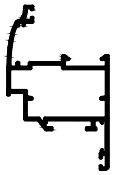
	375 0050 frame	957		375 0115 sash	965
	375 0055 frame	1072		375 0120 sash	954
	375 0405 frame	434		375 0125 sash	705
	375 0105 sash	694		375 0126 sash	716
	375 0110 sash	797		375 0130 sash	815

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

PROFILES OVERVIEW

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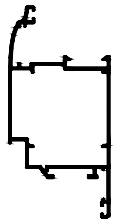
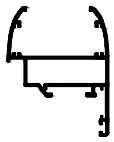
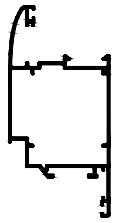
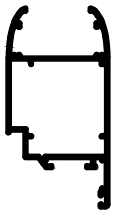
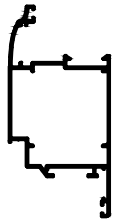
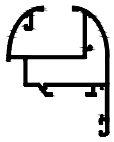
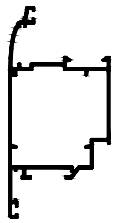
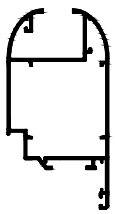
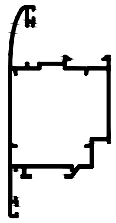
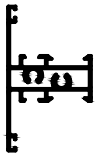
	375 0135 sash	940		375 0145 sash	722
	375 0136 sash	987		375 0155 sash	995
	375 0138 sash	897		375 0160 sash	800
	375 0140 sash	970		375 0170 sash	1064
	375 0141 sash	977		375 0205 mullion	840

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

PROFILES OVERVIEW

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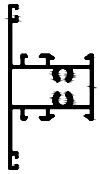
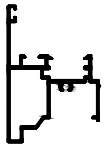
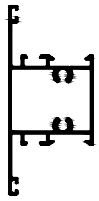
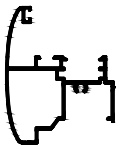
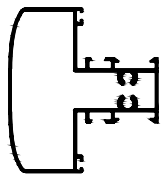
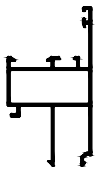
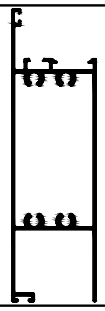
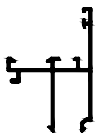
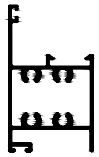
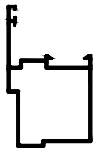
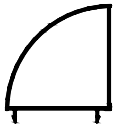
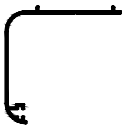
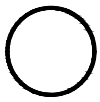
	375 0210 mullion	882		375 0305 overhung	738
	375 0215 mullion	954		375 0310 overhung	794
	375 0235 mullion	1192		375 0315 outer opening profile	758
	375 0225 door board	1482		375 0320 outer opening profile	542
	375 0226 door board	970		375 0325 addition for door	638

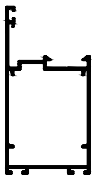
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

PROFILES OVERVIEW

Profile shape	Profile code / description	Weight (gr/m)	Profile shape	Profile code / description	Weight (gr/m)
	375 0330 column for 90° angle	520		375 0345-1 addition for pipe	315
	375 0330-1 column for 90° angle	615		375 0350 decoration profile	225
	375 0335 column for 135° angle	400		375 0350-1 edge	385
	375 0340 pipe	428		375 0355 decoration profile	123
	375 0345 addition for pipe	279		375 0360 addition for door	255

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

PROFILES OVERVIEW

Profile shape	Profile code / description	Weight (gr/m)	Profile shape	Profile code / description	Weight (gr/m)
	375 0361 addition for door	488		375 0520 glass bead for 4 mm glass	268
	375 0365 door sill	379		375 0530 glass bead for 8 mm glass	260
	375 0410 two-sides sash	783		375 0550 glass bead for 24 mm glass	203
	375 0415 two-sides addition	395		1017 glass bead for 20 mm glass	222
	375 0510 glass bead for 0 mm glass	290		1200 glass bead for 4 mm glass	270

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

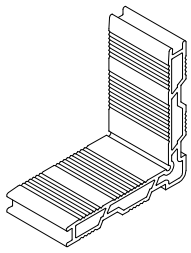
PROFILES OVERVIEW

Profile shape	Profile code / description	Weight (gr/m)	Profile shape	Profile code / description	Weight (gr/m)
	9312 glass bead for 10 mm glass	235			
	9316 espagnolette	152			
	9317 profile larmier	106			
	1852 aluminium panel	326			
	9358 aluminium panel	804			

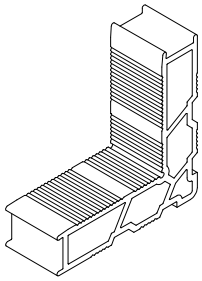
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

ACCESSORIES

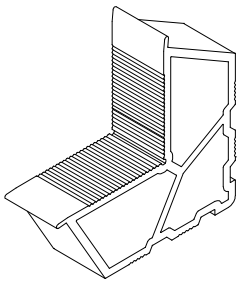
APE 1030/1031 Press corner



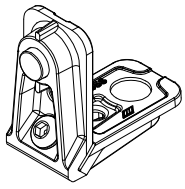
APE 2070 Press corner



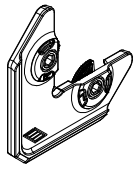
APE 4180 Press corner

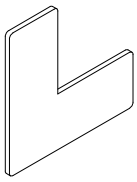
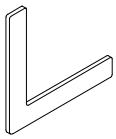
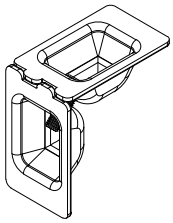
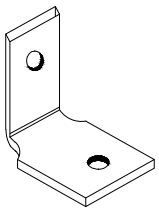


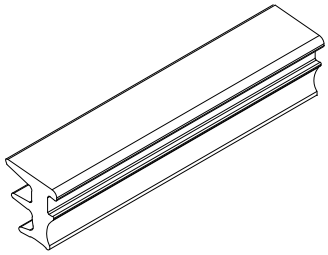
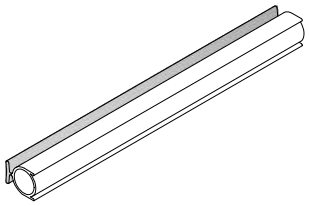
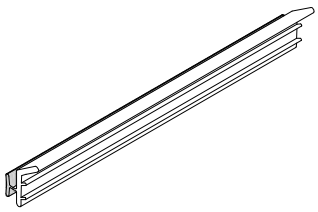
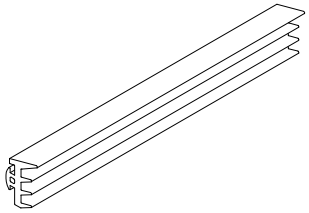
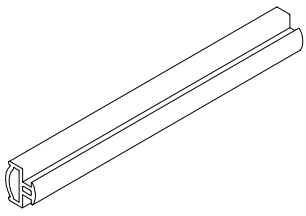
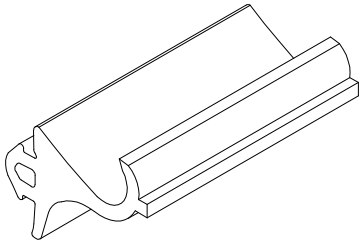
APE 3 Mechanical corner

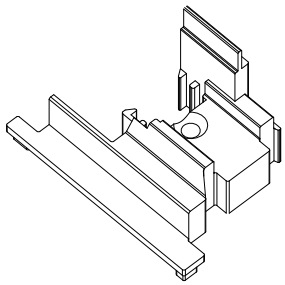
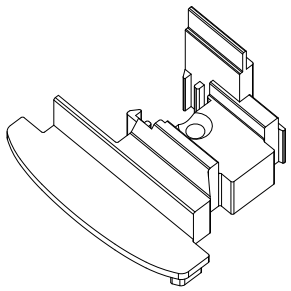
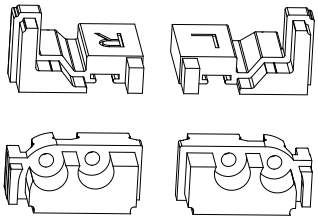


APE 10 Mechanical corner



APE 7	Alignment corner	
APE 6	Alignment corner	
BA2870	big GABI joint	
BA1001	P100.1 joint	

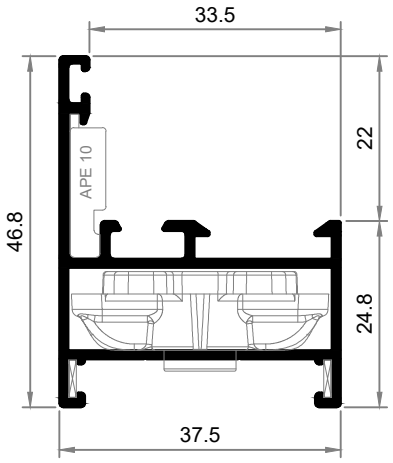
U00;0;1;1.5;2;2.5;3;4;5;	EPDM gasket for glaziing	
U60	gasket for the opening parts	
U68	gasket for the fix parts	
US68	EPDM gasket for the fix parts	
US60	EPDM gasket for the opening parts	
UG6168	EPDM central gasket	

APE211	Cover cap for overhung 375 0305	
APE200	Cover cap for overhung 375 0310	
APE22	End caps for addition for door 3750360 & door sill3750365	 **NEW***

PROFILES

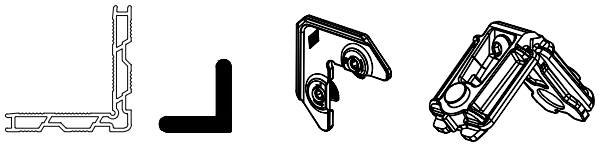
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



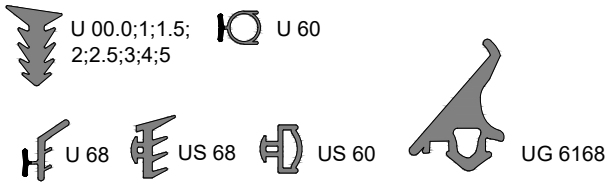
375 0005 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	580	2.85/4.18	0.99/1.88

JOINTS

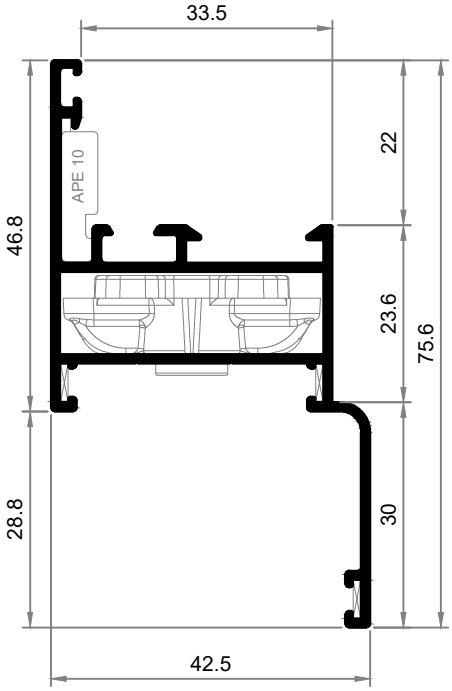


APE 1030 APE 6 APE 10 APE 3

GASKETS

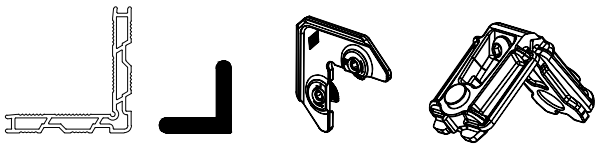


U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168



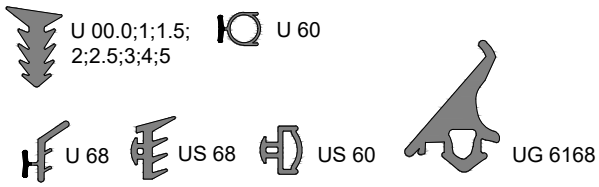
375 0006 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	702	7.23/6.74	1.76/2.98

JOINTS

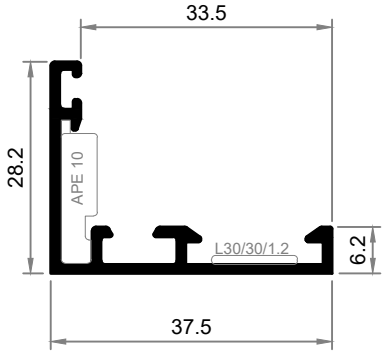


APE 1030 APE 6 APE 10 APE 3

GASKETS

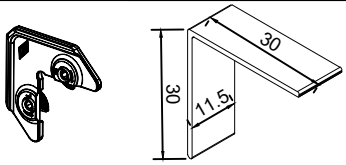


U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168



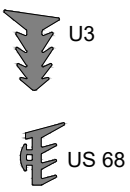
375 0004 Frame new*	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	322	0,89/1,86	0,43/0,74

JOINTS



APE 10 L 30/30/1.2 0205

GASKETS



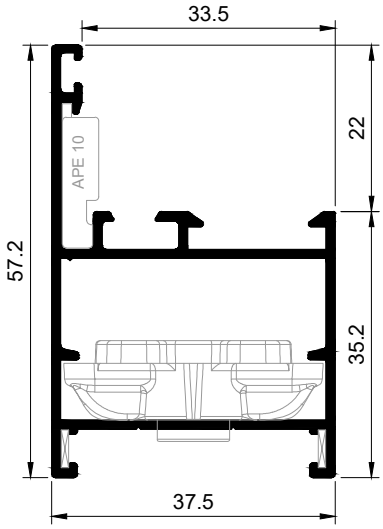
U3 US 68

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

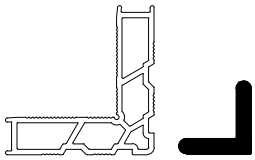
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



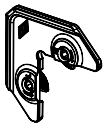
375 0010 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	665	5.50/5.20	1.63/2.39

JOINTS

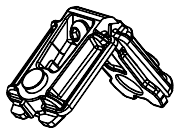


APE 2070

APE 6



APE 10



APE 3

GASKETS

U 00.0;1;1.5; 2;2.5;3;4;5

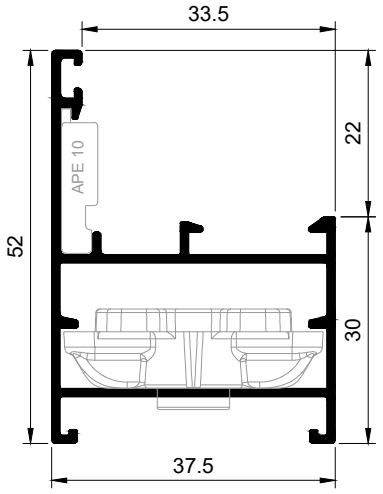
U 60

U 68

US 68

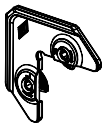
US 60

UG 6168

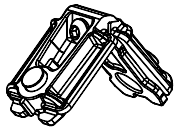


375 0011 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	560	3.77/4.42	1.20/2.03

JOINTS



APE 10



APE 3

GASKETS

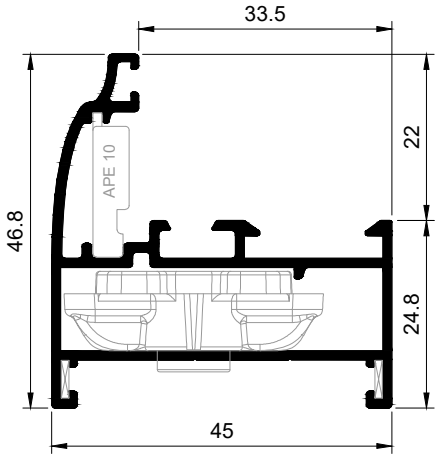
U 00.0;1;1.5; 2;2.5;3;4;5

U 60

U 68

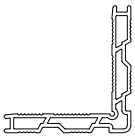
US 68

US 60



375 0020 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	668	3.31/6.23	1.15/2.41

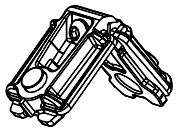
JOINTS



APE 1031

APE 6

APE 10



APE 3

GASKETS

U 00.0;1;1.5; 2;2.5;3;4;5

U 60

U 68

US 68

US 60

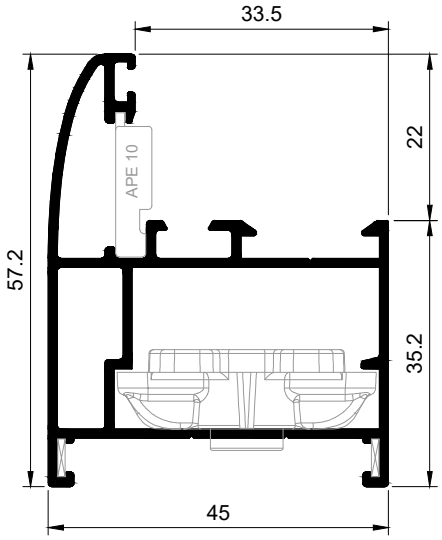
UG 6168

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

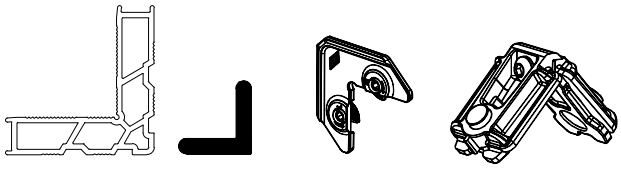
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



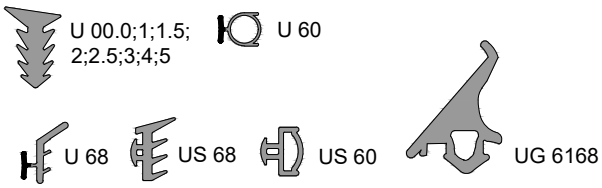
375 0035 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	816	7.00/7.81	2.10/2.96

JOINTS

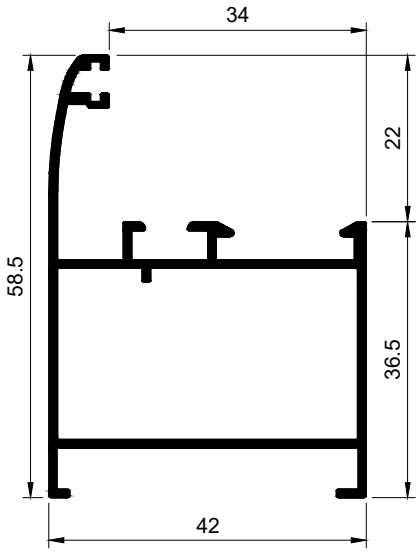


APE 2070 APE 6 APE 10 APE 3

GASKETS



U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168

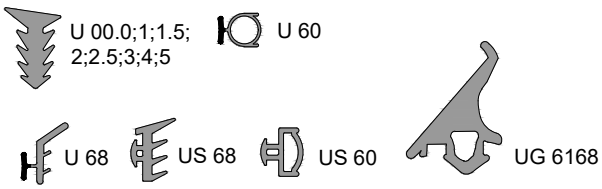


375 0036 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	687	6.22/6.41	1.86/2.69

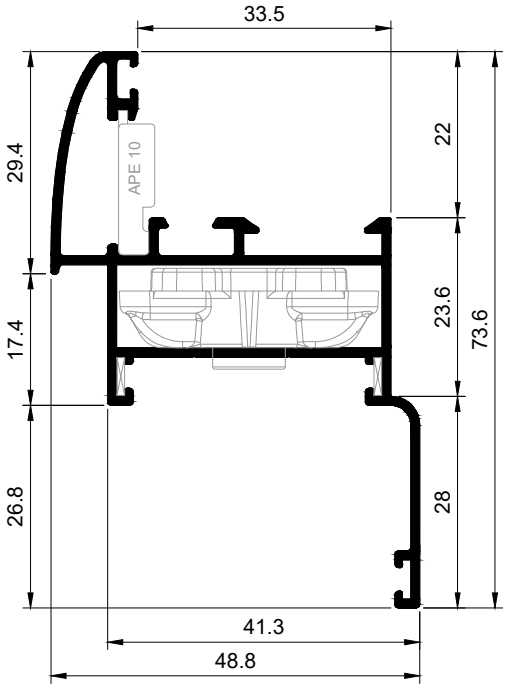
JOINTS

BA 2870

GASKETS

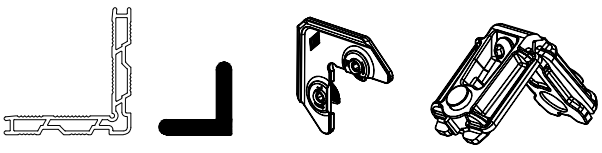


U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168



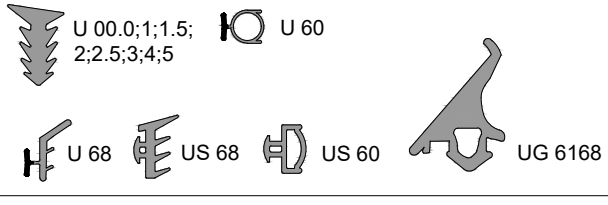
375 0040 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	758	7.80/8.13	1.91/3.32

JOINTS



APE 1030 APE 6 APE 10 APE 3

GASKETS



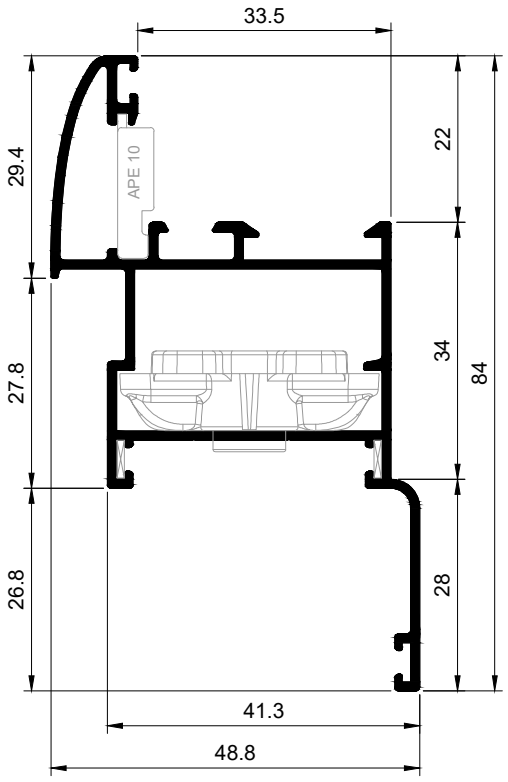
U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

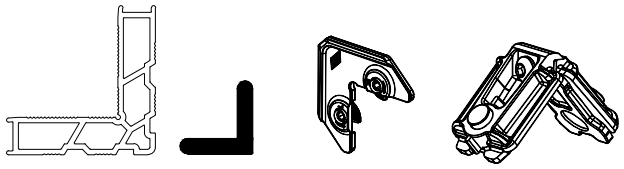
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



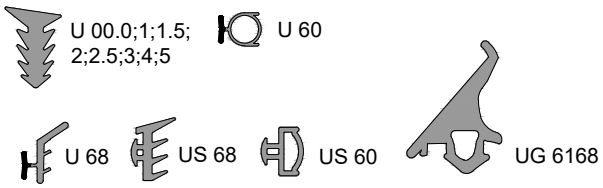
375 0045 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	841	12.39/9.00	2.66/3.63

JOINTS

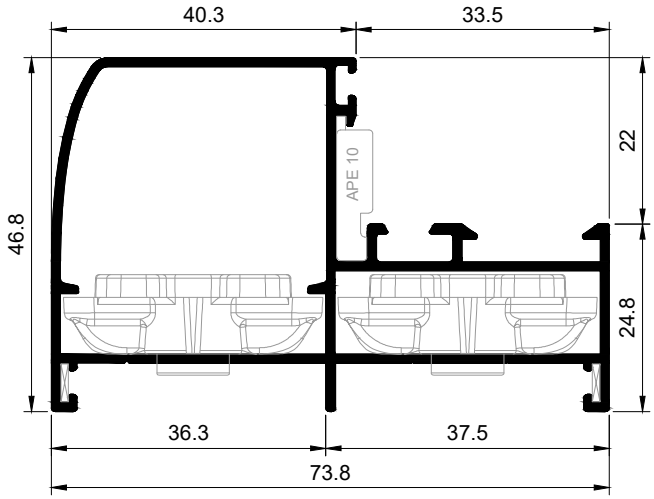


APE 2070 APE 6 APE 10 APE 3

GASKETS

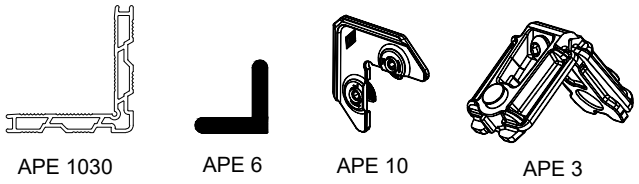


U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168



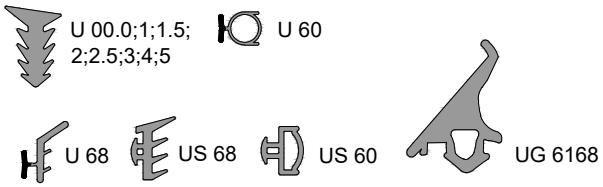
375 0050 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	957	7.22/19.77	2.70/5.19

JOINTS



APE 1030 APE 6 APE 10 APE 3

GASKETS



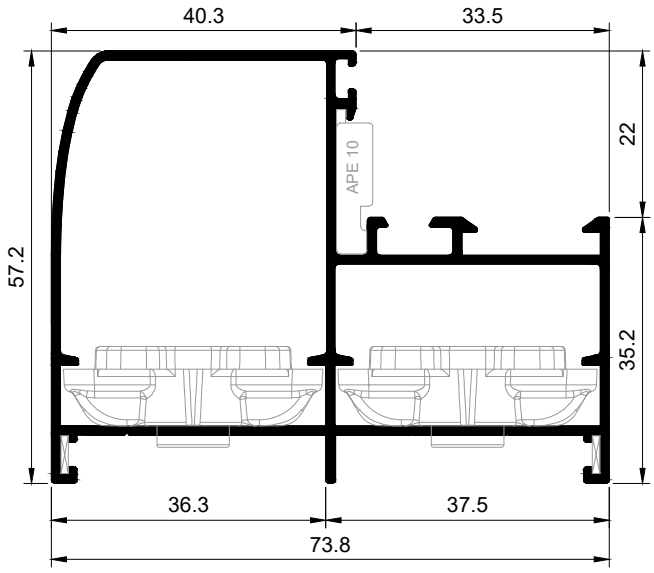
U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

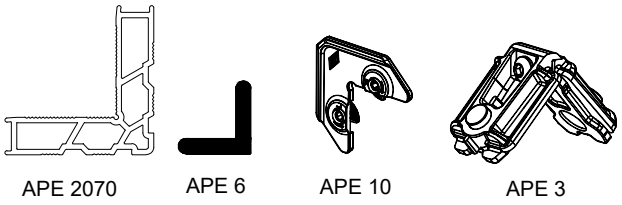
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



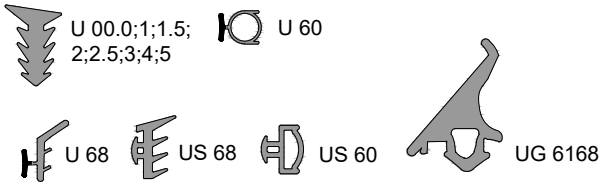
375 0055 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	1072	12.50/23.44	3.92/6.22

JOINTS

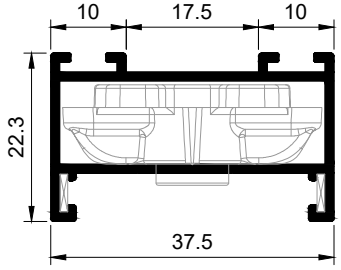


APE 2070 APE 6 APE 10 APE 3

GASKETS

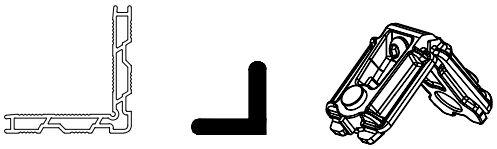


U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60 UG 6168



375 0405 Frame	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	434	0.76/3.06	0.61/1.63

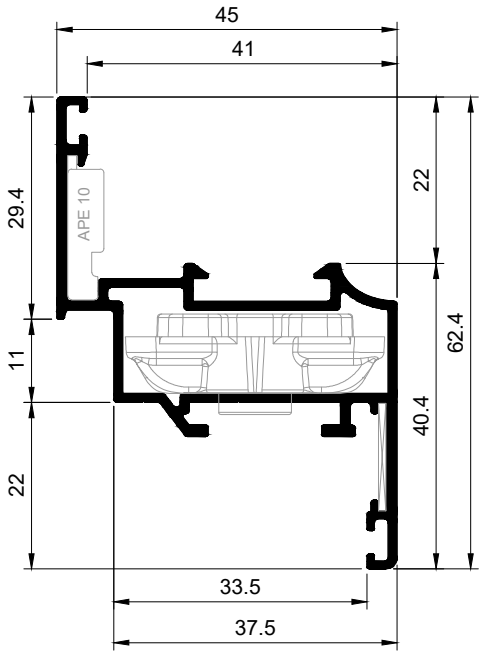
JOINTS



APE 1030 APE 6 APE 3

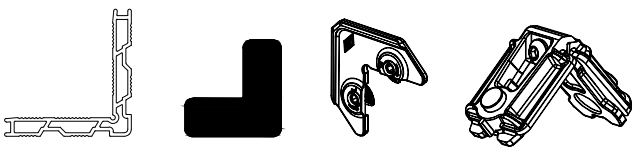
BRUSHES

TZ 12



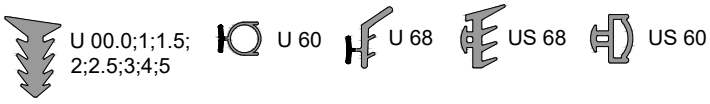
375 0105 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	694	4.75/6.90	1.48/2.95

JOINTS



APE 1030 APE 7 APE 10 APE 3

GASKETS



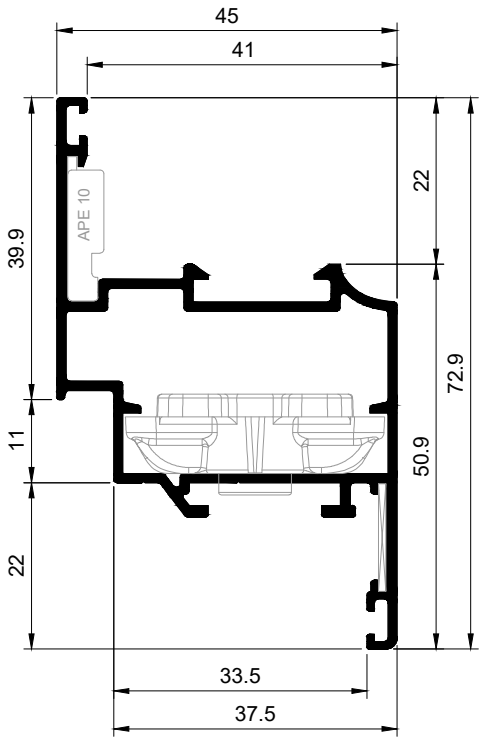
U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

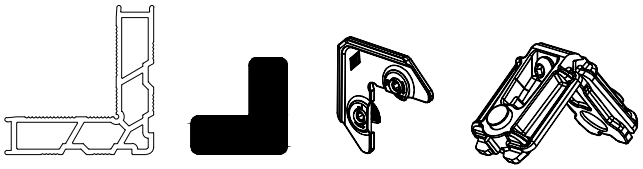
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



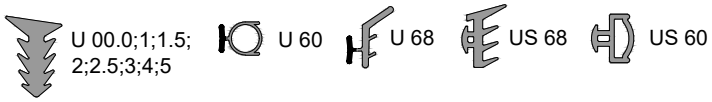
375 0110 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	797	8.44/8.53	2.26/3.71

JOINTS

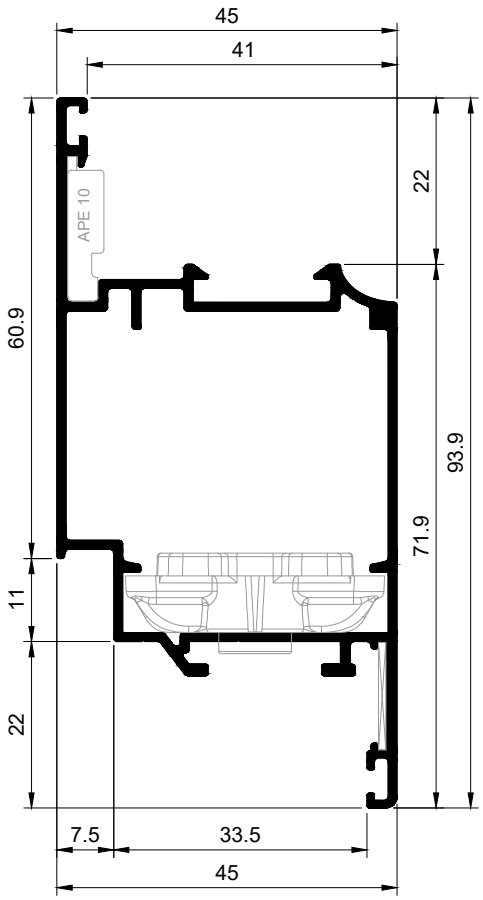


APE 2070 | APE 7 | APE 10 | APE 3

GASKETS

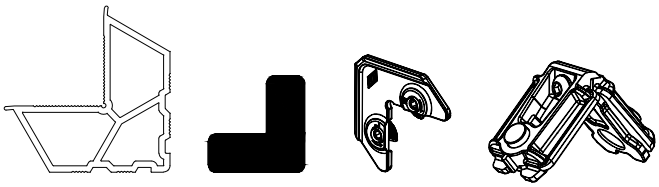


U 00.0;1;1.5; 2;2.5;3;4;5 | U 60 | U 68 | US 68 | US 60



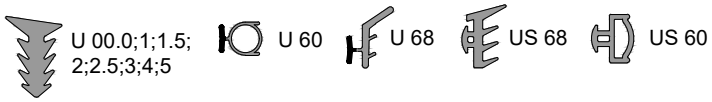
375 0115 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	965	21.13/11.26	4.47/4.90

JOINTS



APE 4180 | APE 7 | APE 10 | APE 3

GASKETS



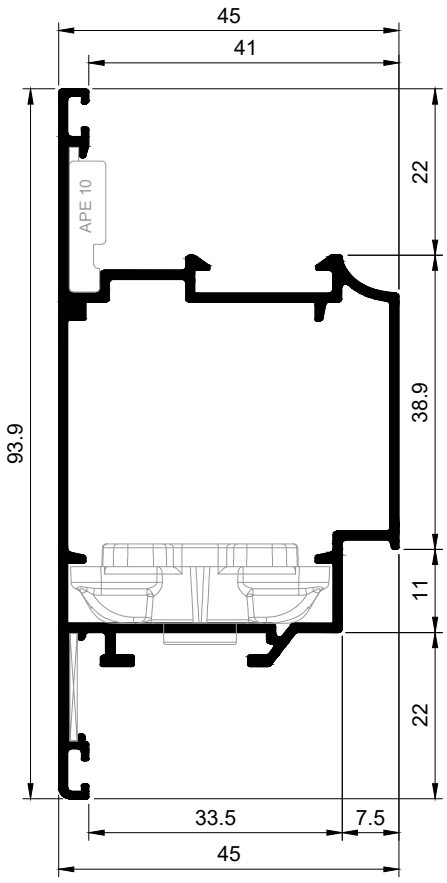
U 00.0;1;1.5; 2;2.5;3;4;5 | U 60 | U 68 | US 68 | US 60

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

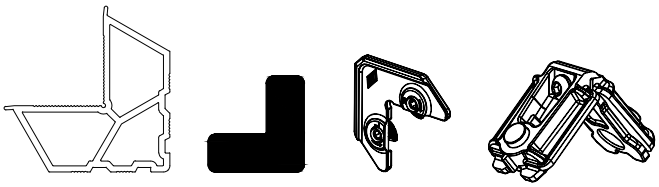
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



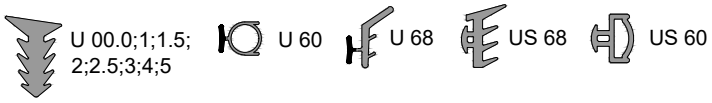
375 0120 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	954	20.95/10.07	4.41/3.58

JOINTS

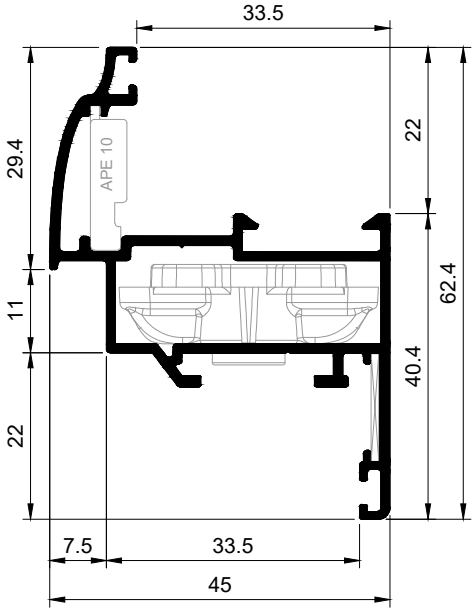


APE 4180 APE 7 APE 10 APE 3

GASKETS

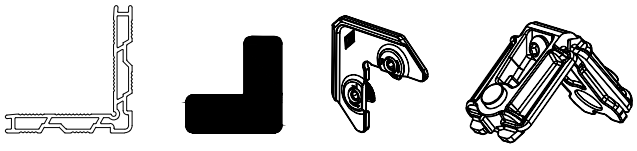


U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60



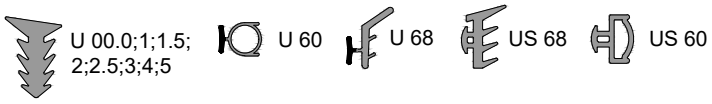
375 0125 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	705	5.13/6.65	1.62/2.76

JOINTS



APE 1030 APE 7 APE 10 APE 3

GASKETS



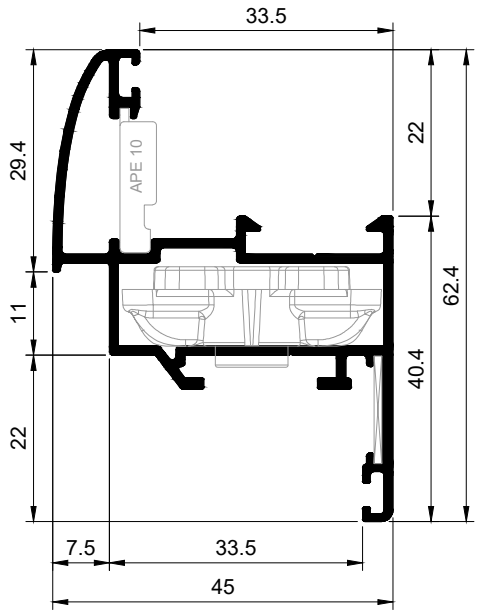
U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

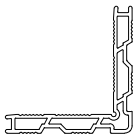
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



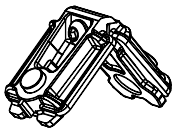
375 0126 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	716	5.63/6.72	1.80/2.81

JOINTS


APE 1030


APE 7


APE 10


APE 3

GASKETS

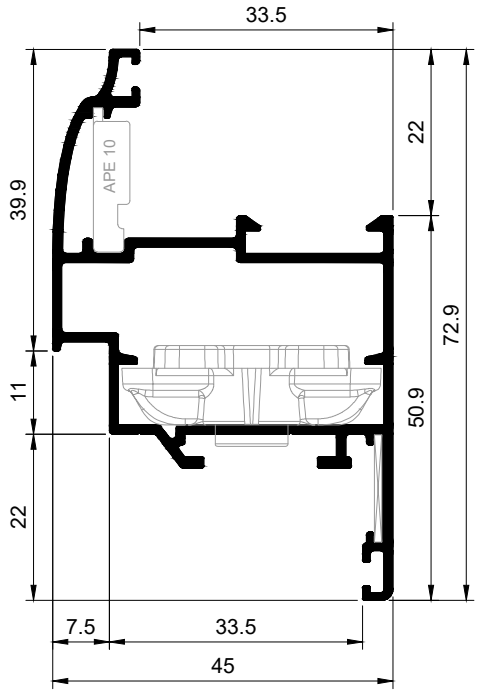

U 00.0;1;1.5; 2;2.5;3;4;5


U 60


U 68

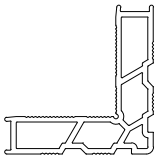

US 68


US 60



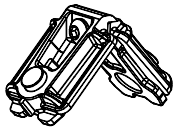
375 0130 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	815	8.98/8.36	2.44/3.57

JOINTS


APE 2070


APE 7


APE 10


APE 3

GASKETS


U 00.0;1;1.5; 2;2.5;3;4;5


U 60


U 68


US 68

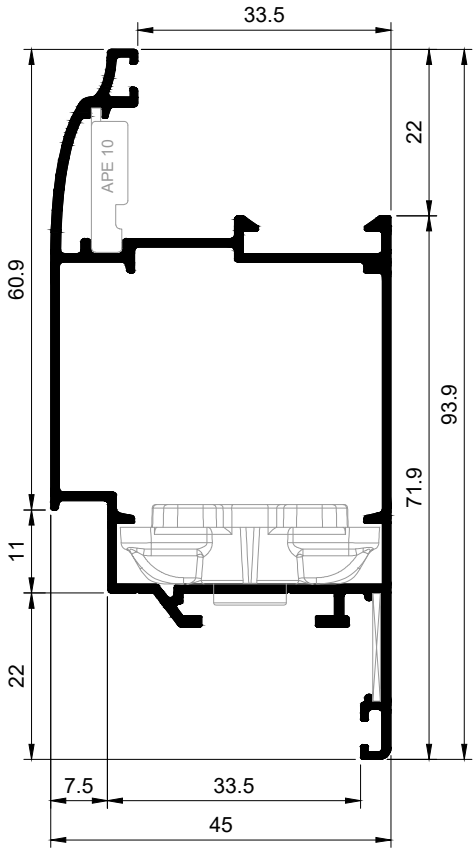

US 60

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

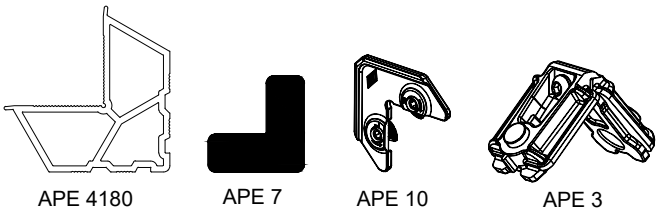
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

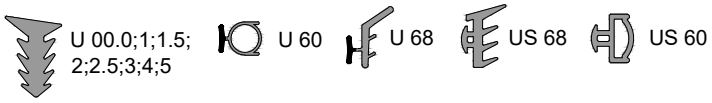


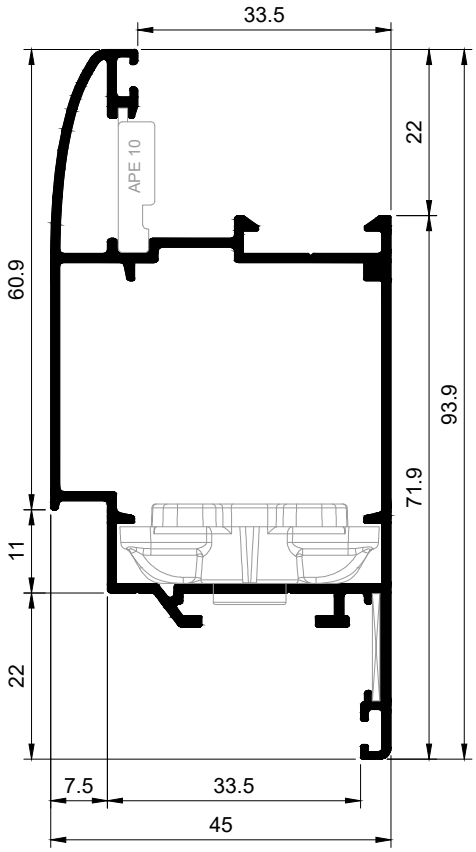
375 0135 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	940	21.55/10.65	4.59/4.57

JOINTS



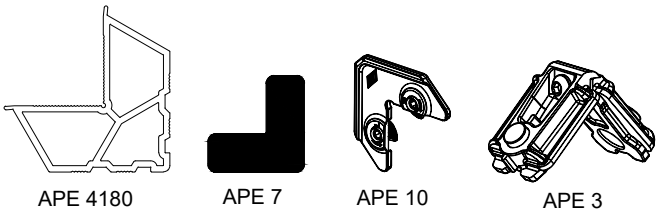
GASKETS



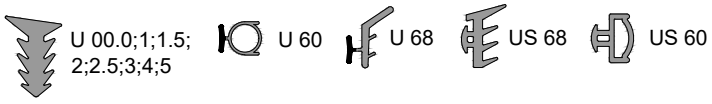


375 0136 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	987	23.08/11.11	4.86/4.77

JOINTS



GASKETS

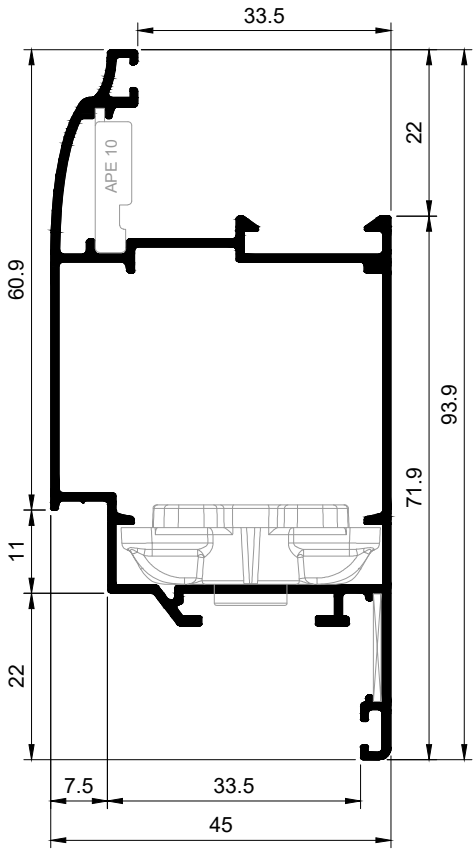


scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

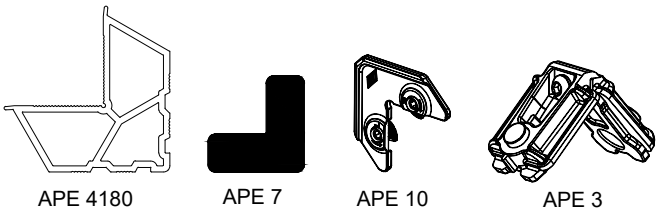
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

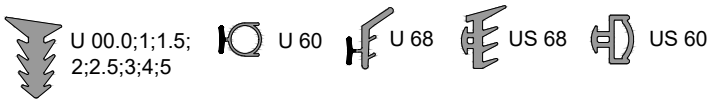


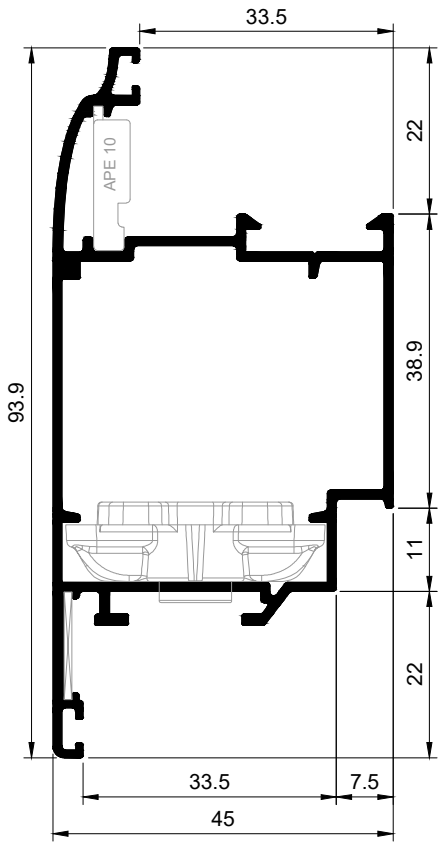
375 0138 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	897	20.80/10.20	4.41/4.38

JOINTS



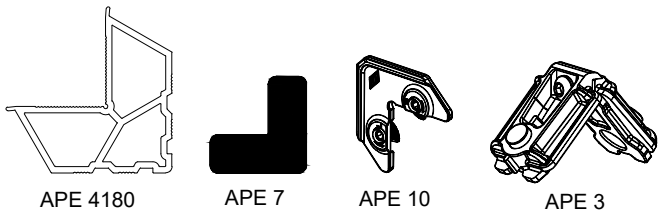
GASKETS



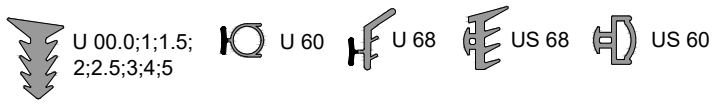


375 0140 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	970	21.93/10.07	4.67/3.64

JOINTS



GASKETS

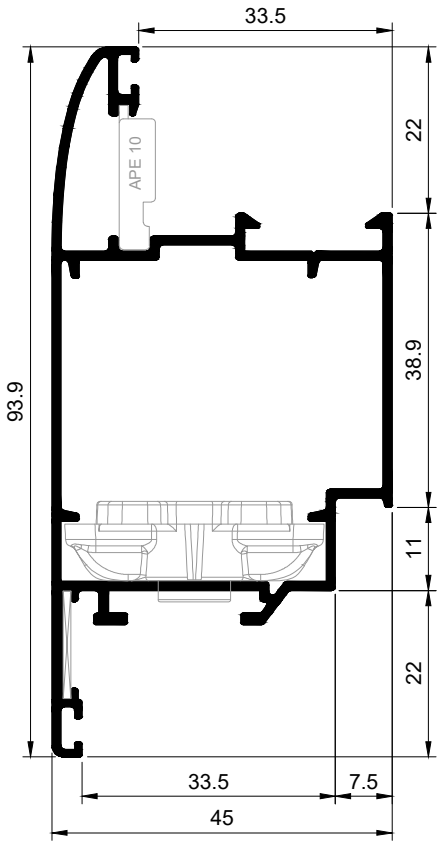


scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

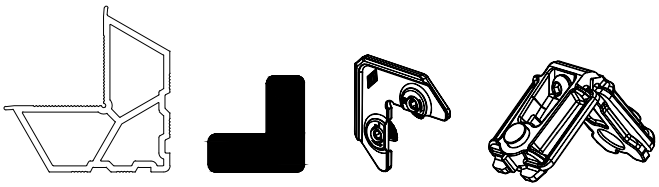
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



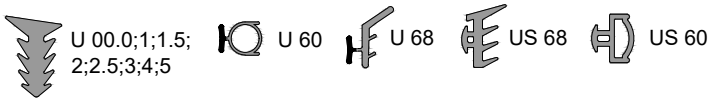
375 0141 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	977	22.99/10.05	4.85/3.63

JOINTS

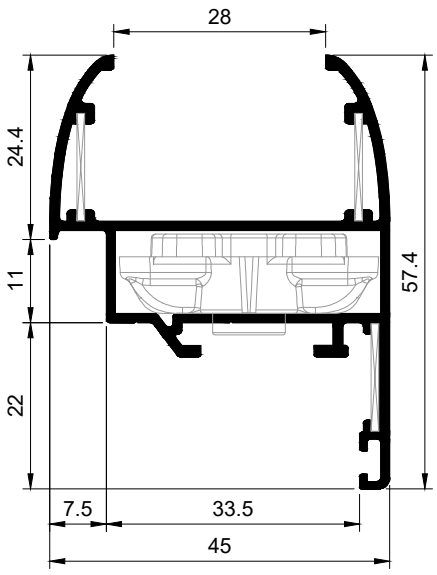


APE 4180 APE 7 APE 10 APE 3

GASKETS

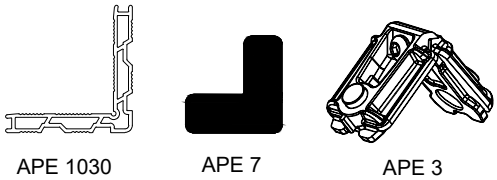


U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60



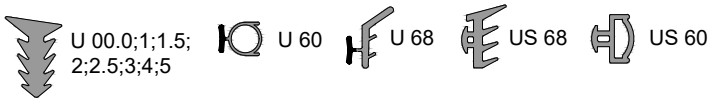
375 0145 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	722	4.95/7.04	1.60/2.62

JOINTS



APE 1030 APE 7 APE 3

GASKETS



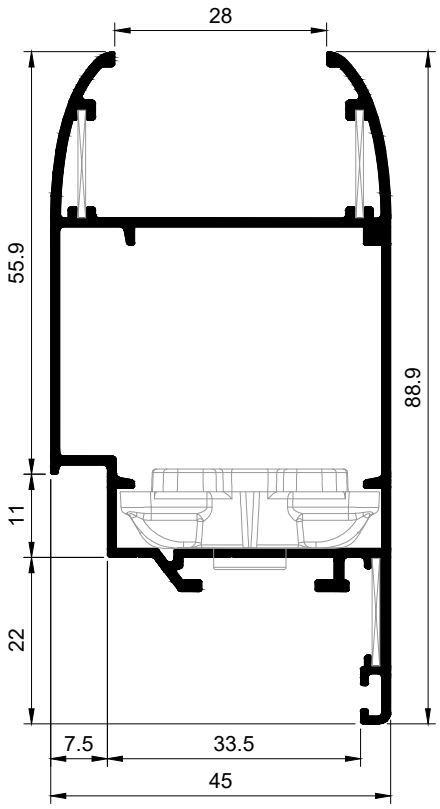
U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

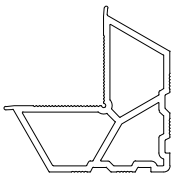
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

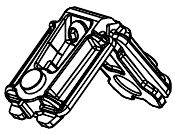


375 0155 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	995	22.15/11.57	4.67/4.54

JOINTS


APE 4180


APE 7


APE 3

GASKETS

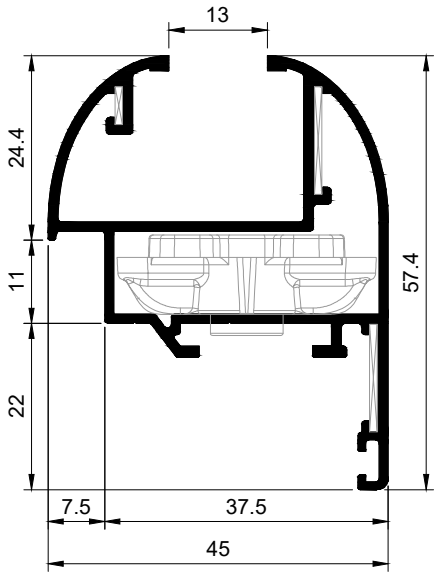

U 00.0;1;1.5; 2;2.5;3;4;5


U 60


U 68

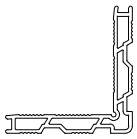

US 68


US 60



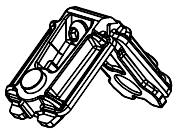
375 0160 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	800	6.31/6.68	1.89/2.54

JOINTS


APE 1030


APE 6


APE 7


APE 3

GASKETS


U 00.0;1;1.5; 2;2.5;3;4;5


U 60


U 68


US 68

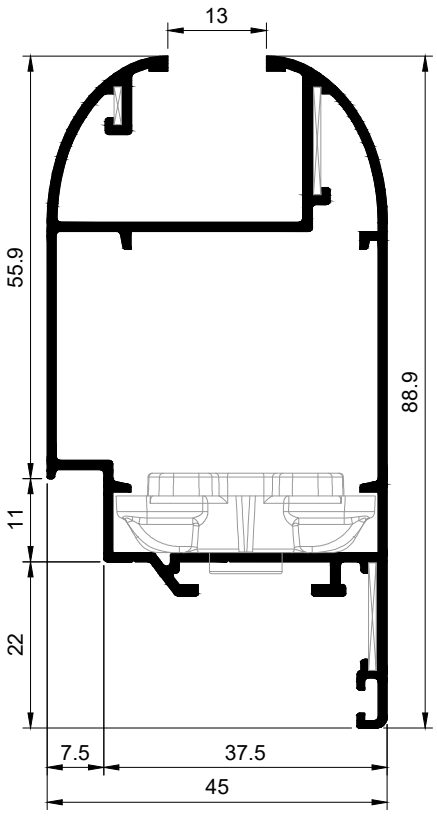

US 60

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

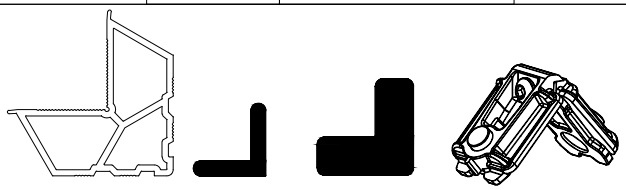
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



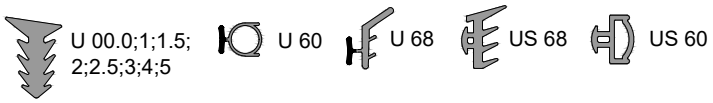
375 0170 Sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	1064	26.17/11.12	5.20/4.41

JOINTS

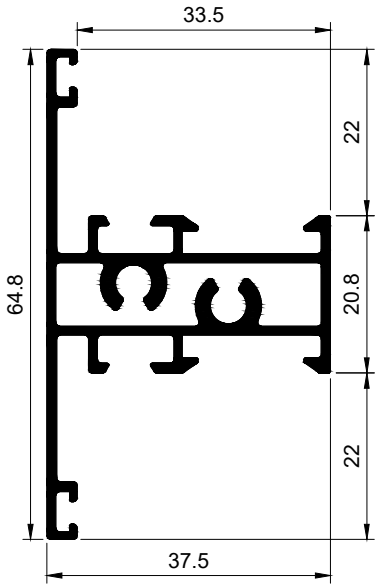


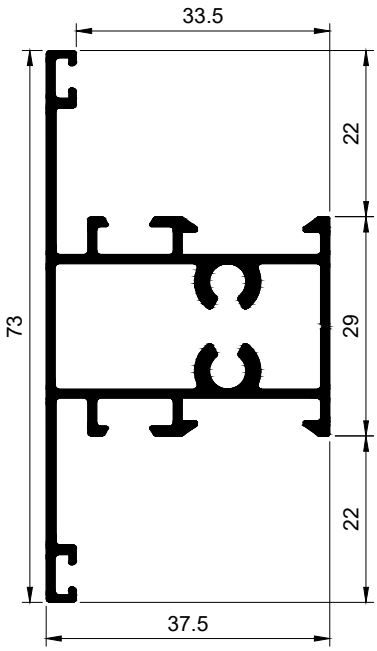
APE 4180 APE 6 APE 7 APE 3

GASKETS



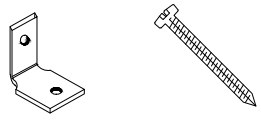
U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60





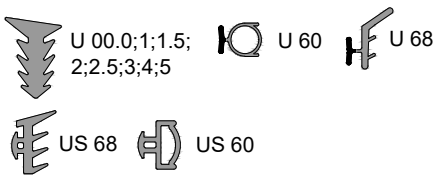
375 0205 Mullion	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	840	4.88/4.81	1.51/2.05

JOINTS



BA 1001 VM 12212

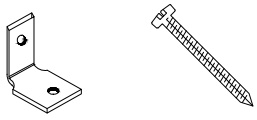
GASKETS



U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60

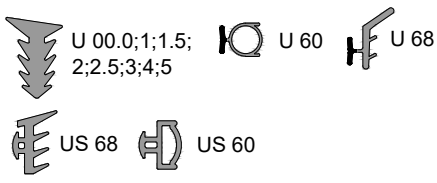
375 0210 Mullion	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	882	7.72/5.67	2.12/2.54

JOINTS



BA 1001 VM 12212

GASKETS



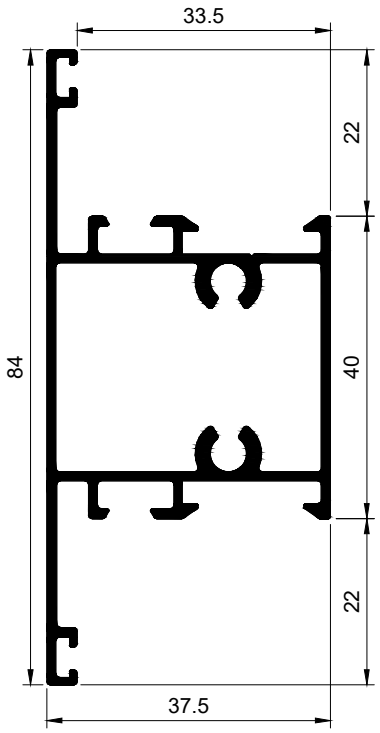
U 00.0;1;1.5; 2;2.5;3;4;5 U 60 U 68 US 68 US 60

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

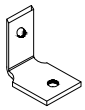
PONY Series

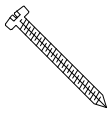
ALTEST ALUMINIUM PROFILES SYSTEM



375 0215 Mullion	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	954	13.23/6.57	3.15/2.97

JOINTS


BA 1001


VM 12212

GASKETS

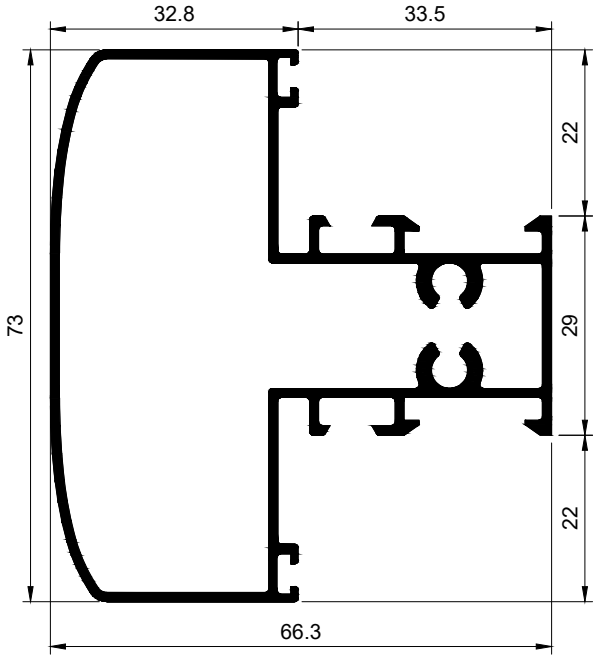

U 00.0;1;1.5; 2;2.5;3;4;5


U 60


U 68

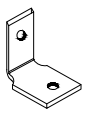

US 68

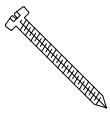

US 60



375 0235 Mullion	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	1192	18.23/19.69	4.99/5.93

JOINTS


BA 1001


VM 12212

GASKETS


U 00.0;1;1.5; 2;2.5;3;4;5


U 60


U 68


US 68

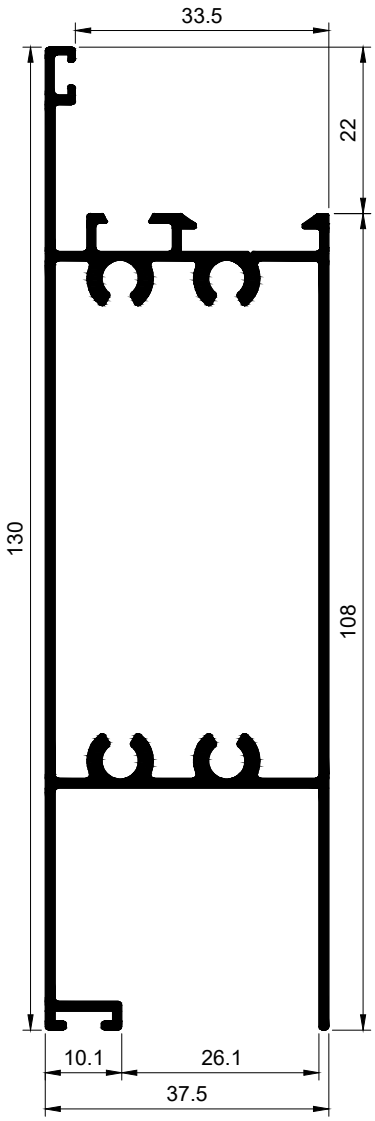

US 60

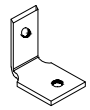
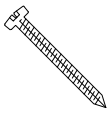
scale1:1

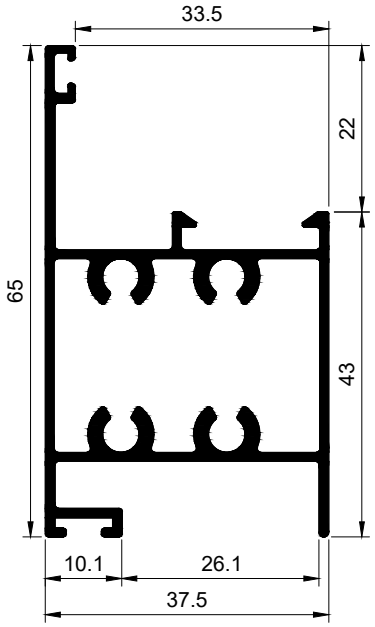
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

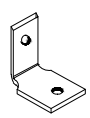
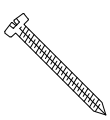
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



375 0225 Door board	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	1482	73.69/12.14	11.10/5.84
JOINTS	 BA 1001	 VM 12212	
GASKETS	 U 00.0;1;1.5; 2;2.5;3;4;5	 U 68	 US 68
BRUSHES	 TZ 12;TZ18;		



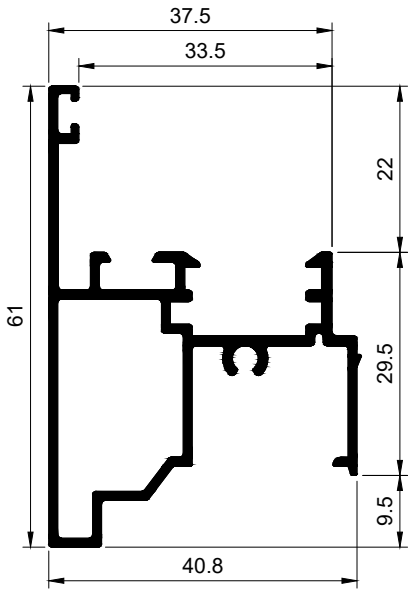
375 0226 Door board	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	970	9.14/6.20	2.34/2.87
JOINTS	 BA 1001	 VM 12212	
GASKETS	 U 00.0;1;1.5; 2;2.5;3;4;5	 U 68	 US 68
BRUSHES	 TZ 12;TZ18;		

scale1:1

WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

PONY Series

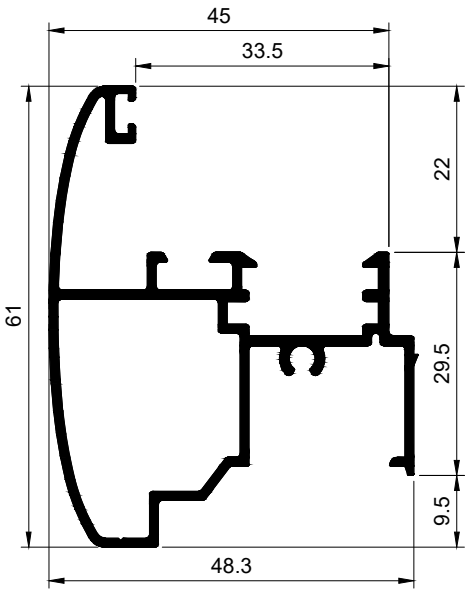
ALTEST ALUMINIUM PROFILES SYSTEM



375 0305 Overhung	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	738	5.49/5.41	1.62/2.11

COVER CAP: APE 211

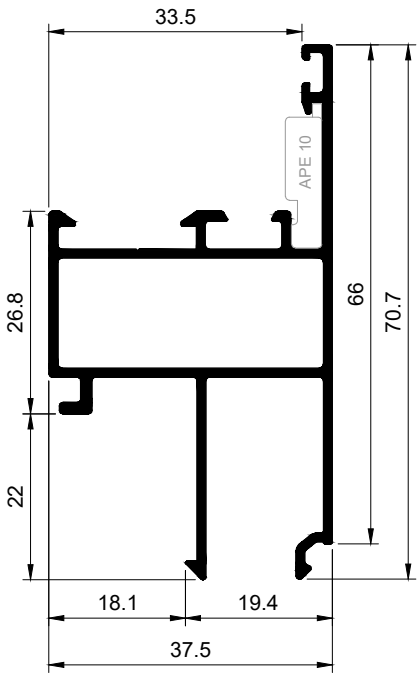
GASKETS: U 60; US 60; UG 6168



375 0310 Overhung	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	794	6.59/7.38	2.00/2.61

COVER CAP: APE 200

GASKETS: U 60; US 60; UG 6168



375 0315 Outer opening prof.	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	758	7.90/4.80	2.16/2.07

JOINTS: APE 10

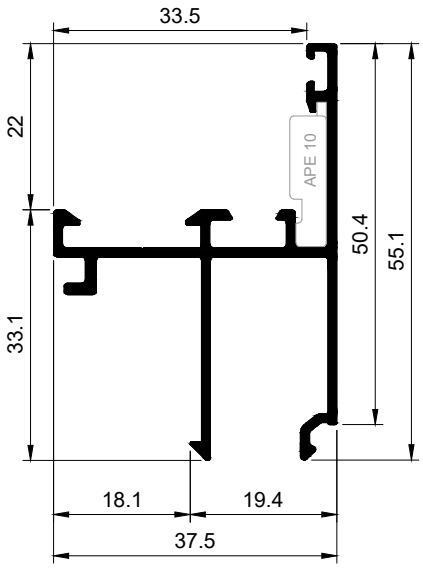
GASKETS: U 00.0;1;1.5; 2;2.5;3;4;5; U 60; U 68; US 68; US 60

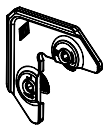
scale1:1

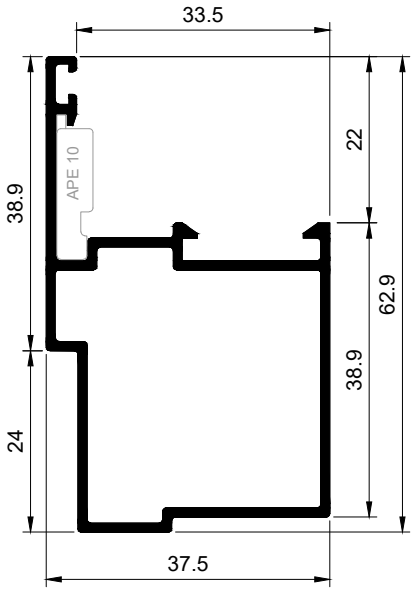
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

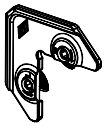
PONY Series

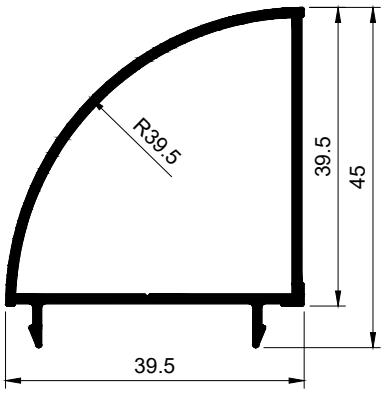
ALTEST ALUMINIUM PROFILES SYSTEM

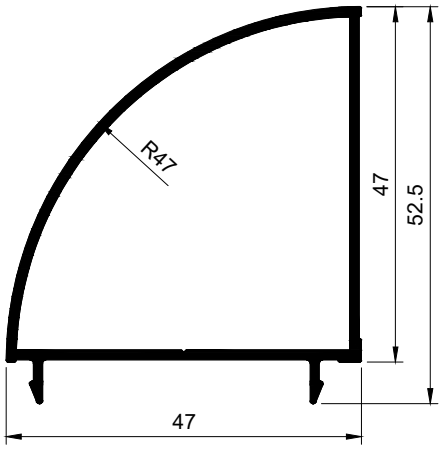


375 0320 Outer opening prof.	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	542	3.40/2.91	1.18/1.17
JOINTS	 APE 10		
GASKETS	 U 00.0;1;1.5; 2;2.5;3;4;5  U 60  U 68  US 68  US 60		



375 0325 Addition for door	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	638	7.50/4.82	2.09/2.26
JOINTS	 APE 10		
GASKETS	 U 00.0;1;1.5; 2;2.5;3;4;5  U 60  U 68  US 68  US 60		





375 0330 Column for 90° angle	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	520	3.98/3.82	1.64/1.69

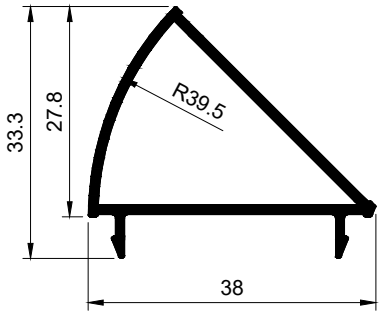
375 0330-1 Column for 90° angle	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	615	6.66/6.50	2.33/2.42

scale1:1

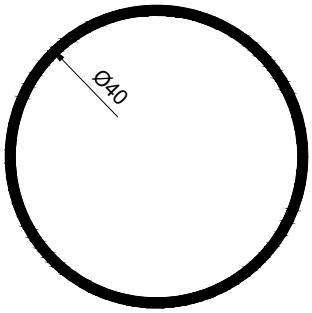
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

PONY Series

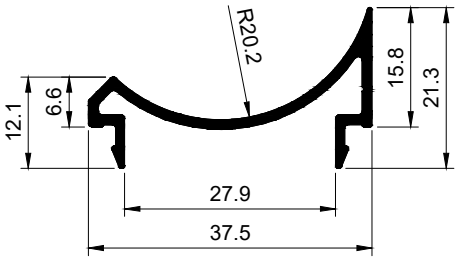
ALTEST ALUMINIUM PROFILES SYSTEM



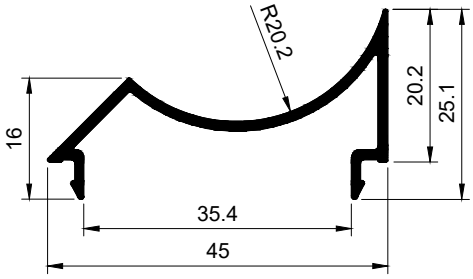
375 0335 Column for 135° angle	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	400	1.21/2.02	0.62/0.96



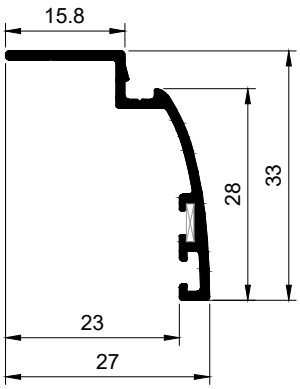
375 0340 Pipe	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	428	2.96/2.96	1.48/1.48



375 0345 Addition for pipe	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	279	0.18/1.91	0.14/0.88

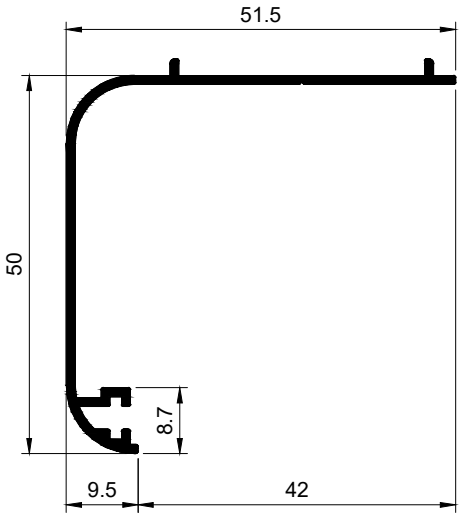


375 0345-1 Addition for pipe	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	315	0.31/2.95	0.22/1.09



375 0350 Decoration profile	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	225	0.99/0.44	0.51/0.23

JOINTS		GASKETS	
	APE 6		U 60



375 0350-1 Edge	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	385	4.97/3.56	1.53/0.94

JOINTS		GASKETS	
	APE 6		U 60

scale1:1

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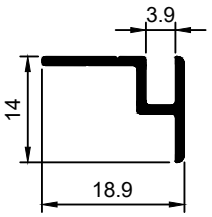
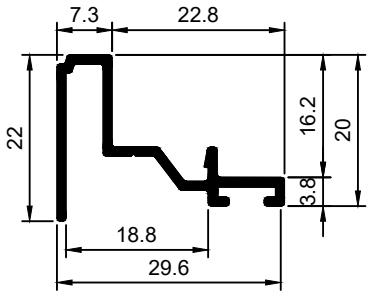
PONY Series

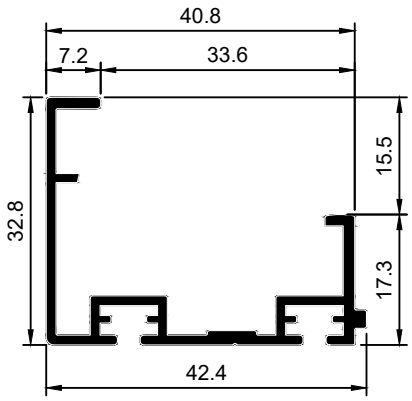
ALTEST ALUMINIUM PROFILES SYSTEM



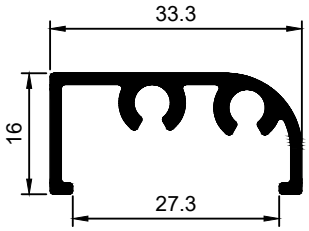
375 0355 Decoration profile	Weight (gr/m)
	123



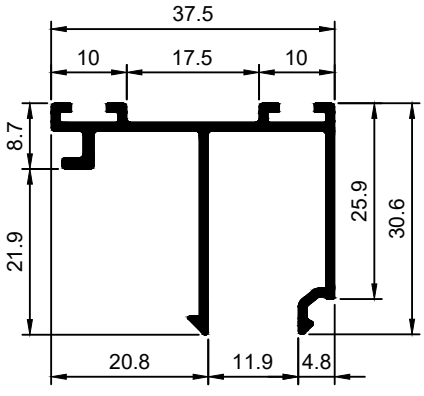
375 0360 Addition for door	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	255	0.35/0.90	0.29/0.48
BRUSHES	TZ 12;TZ18;		
END CAPS	APE 22 NEW*		



375 0361 Addition for door	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	488	1.63/4.31	0.68/1.79
BRUSHES	TZ 5.5		
CAPS		SET APE 361	



375 0365 Door sill	Weight (gr/m)
	379
END CAPS	APE 22 NEW*

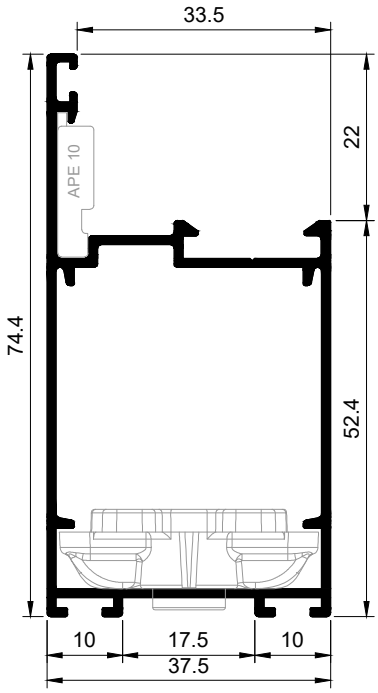


375 0415 Two-sides addition	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	395	1.25/2.10	0.61/0.95

scale1:1
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

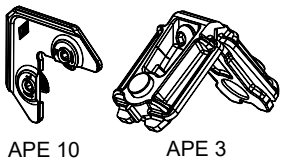
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



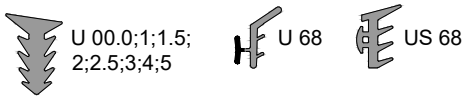
375 0410 Two-sides sash	Weight (gr/m)	I_x/ I_y (cm^4)	W_x/ W_y (cm^3)
	783	14.21/6.69	3.30/3.17

JOINTS



APE 10 APE 3

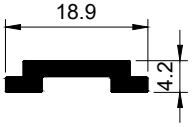
GASKETS



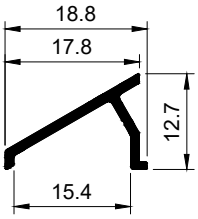
U 00.0;1;1.5; 2;2.5;3;4;5 U 68 US 68

BRUSHES

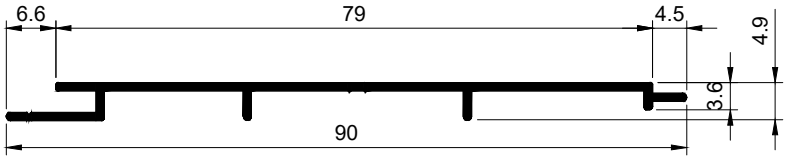
TZ 12;TZ18;



9316 Espagnolette	Weight (gr/m)
	152



9317 Profile larmier	Weight (gr/m)
	106



1852 Aluminium panel	Weight (gr/m)
	326

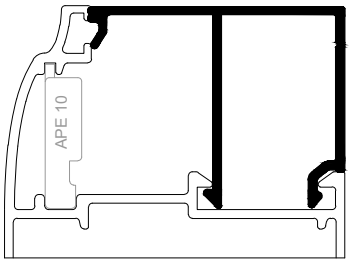
9358 Aluminium panel	Weight (gr/m)
	804

scale1:1

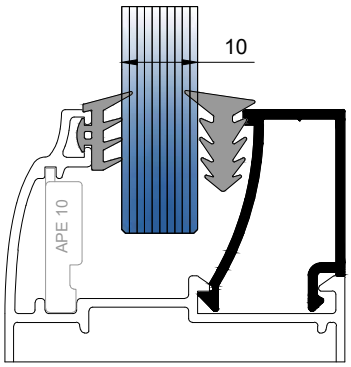
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

ALTEST
ALUMINIUM PROFILES SYSTEM

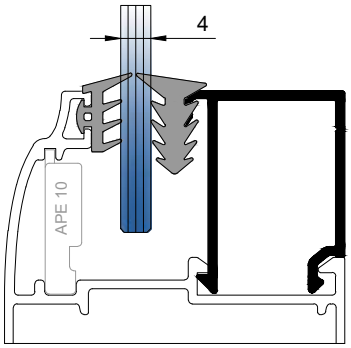
GLASS HOLDERS



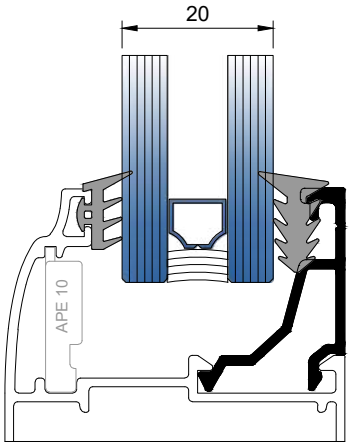
375 0510
/0mm glass bead/
weight: 290gr/m



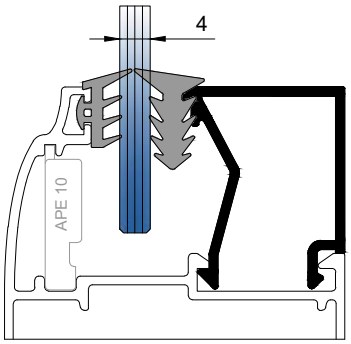
9312
/10mm glass bead/
weight: 235gr/m



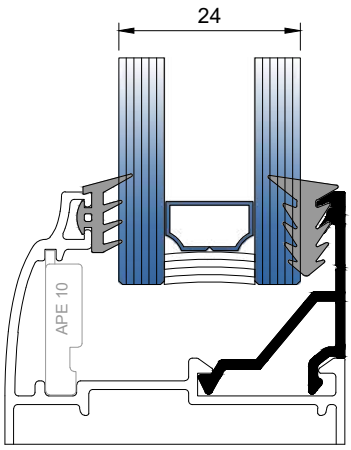
375 0520
/4mm glass bead/
weight: 268gr/m



1017
/20mm glass bead/
weight: 222gr/m



1200
/4mm glass bead/
weight: 270gr/m



375 0550
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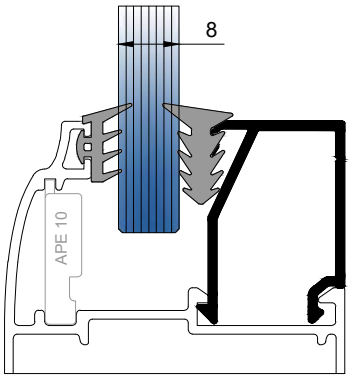
weight: 203gr/m



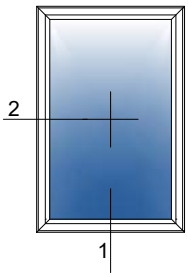
375 0530
/8mm glass bead/
weight: 260gr/m

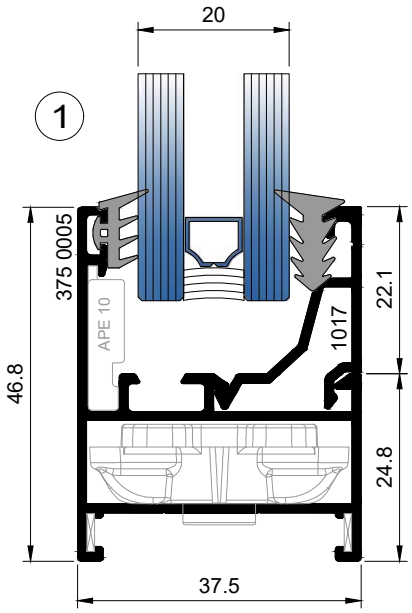
scale1:1
WARNING:ALL OF THE PROFILE WEIGHTS ARE THEORETICAL.

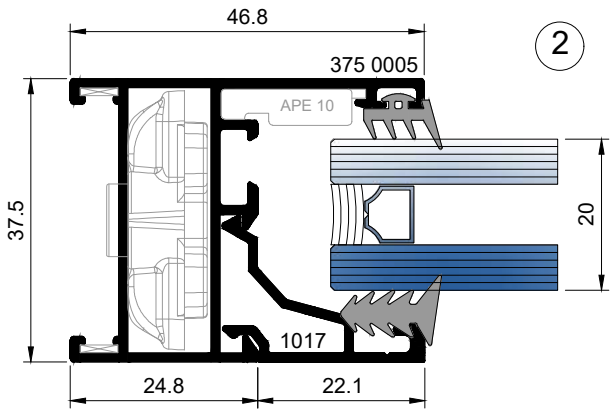
SECTIONS

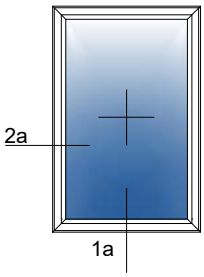
PONY Series

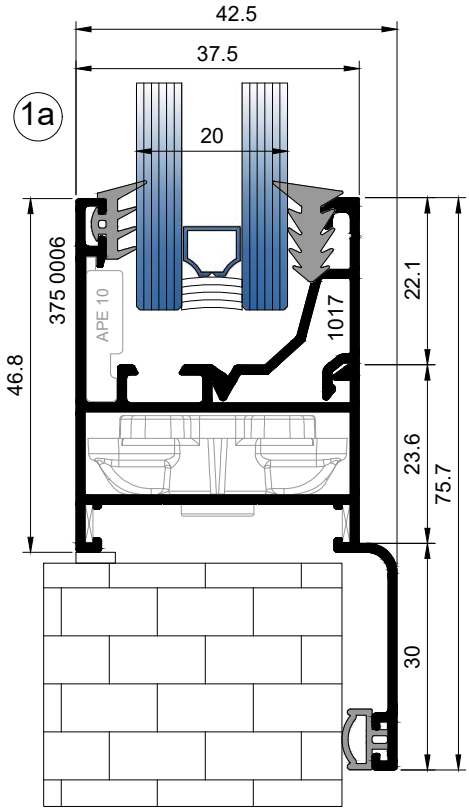
ALTEST ALUMINIUM PROFILES SYSTEM

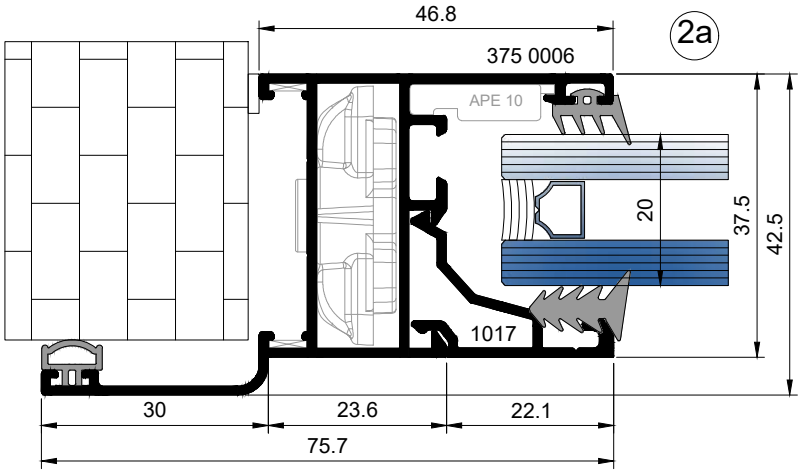












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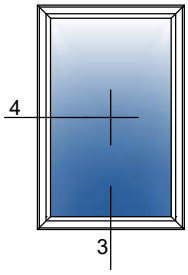
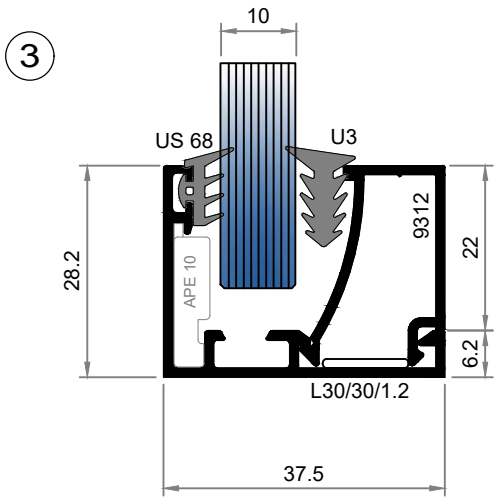
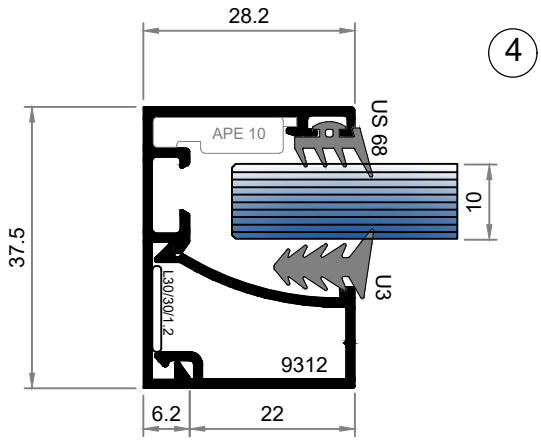
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



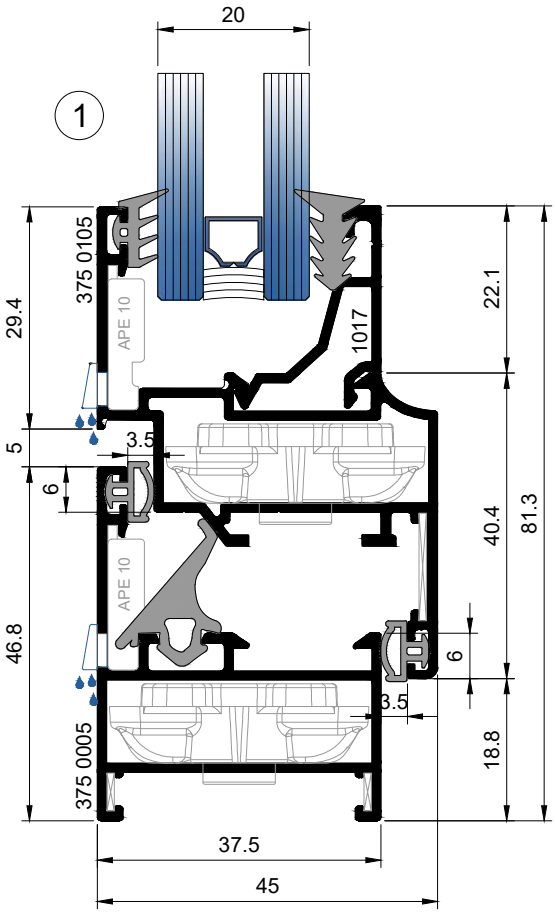


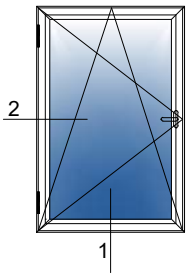


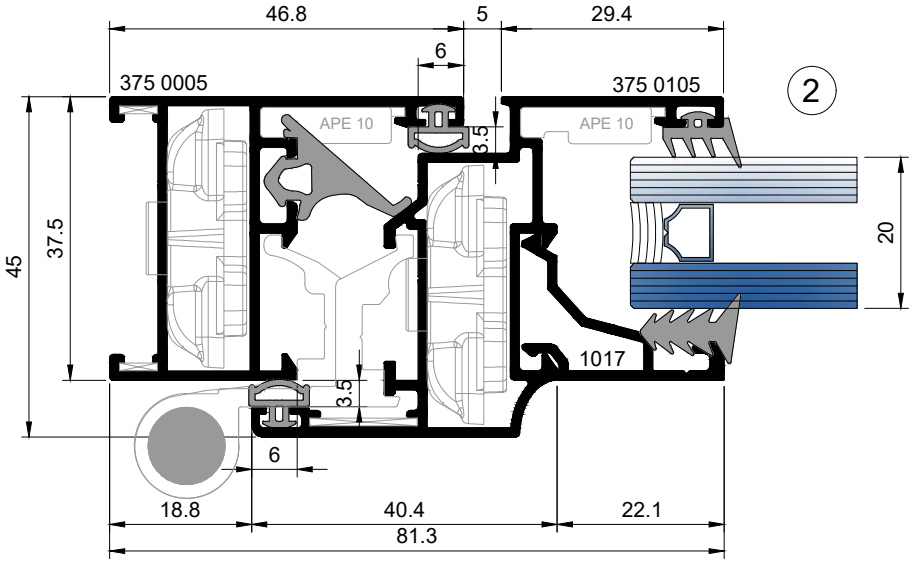
scale1:1

PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM







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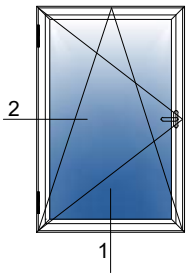
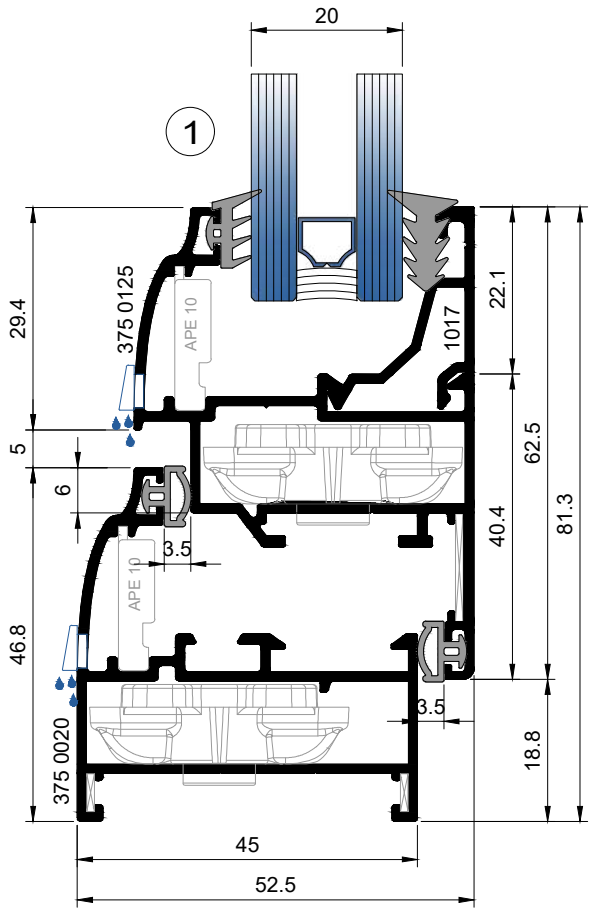
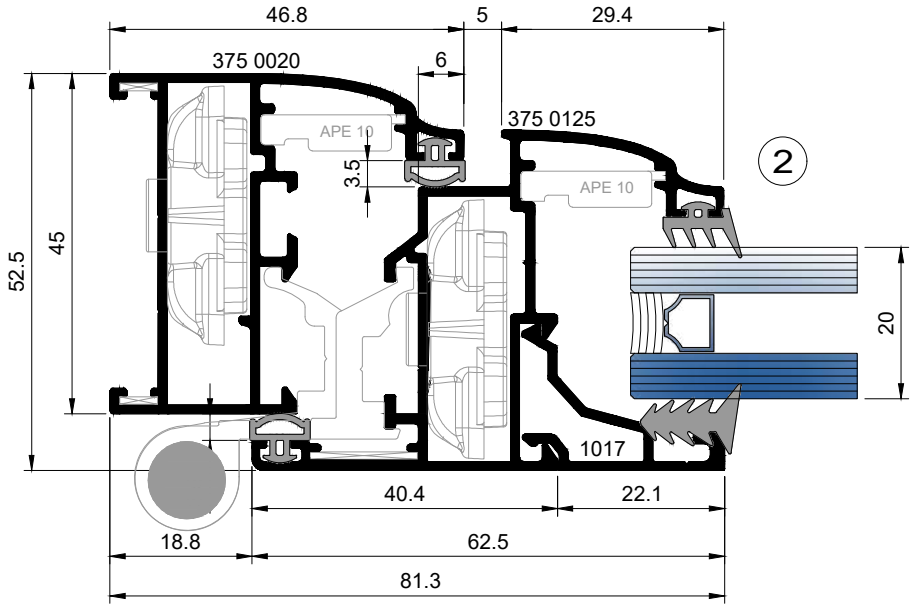
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM







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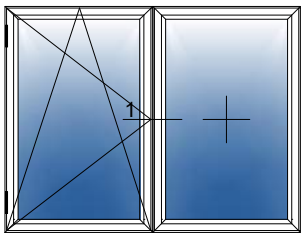
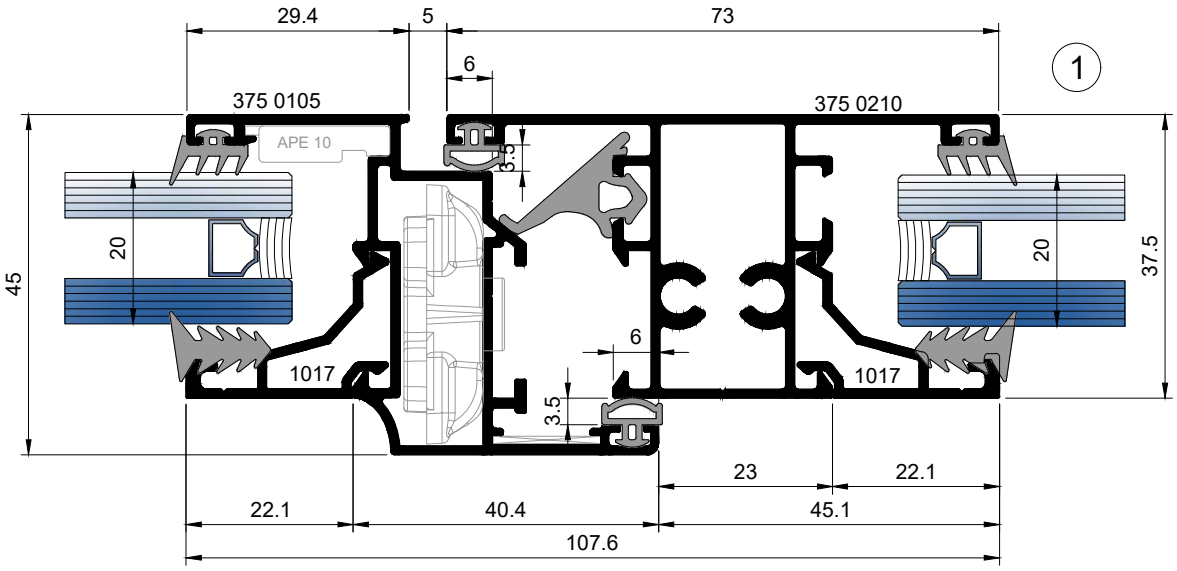
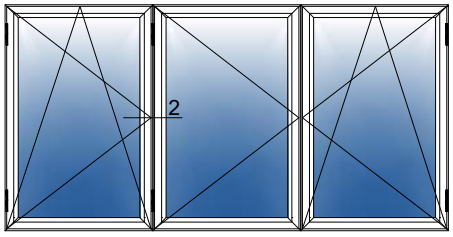
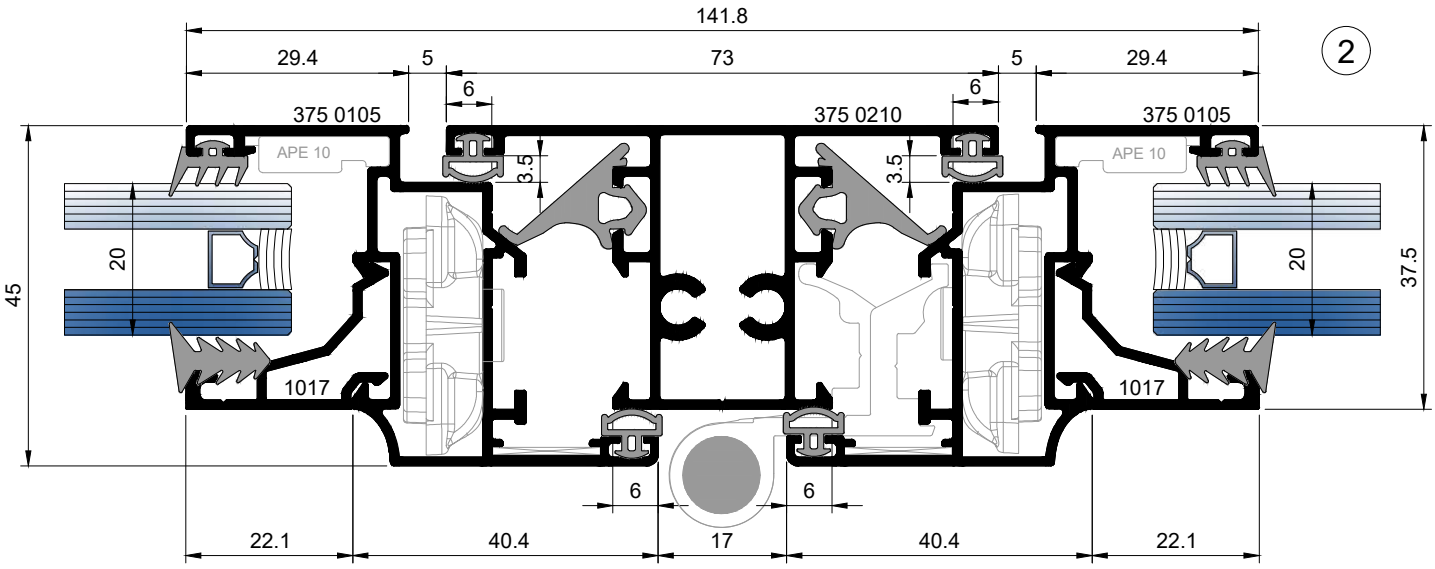
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM









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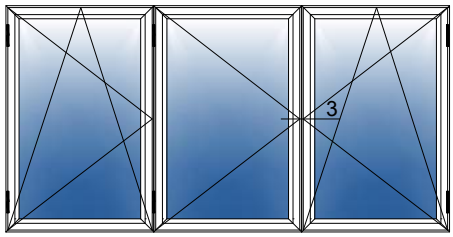
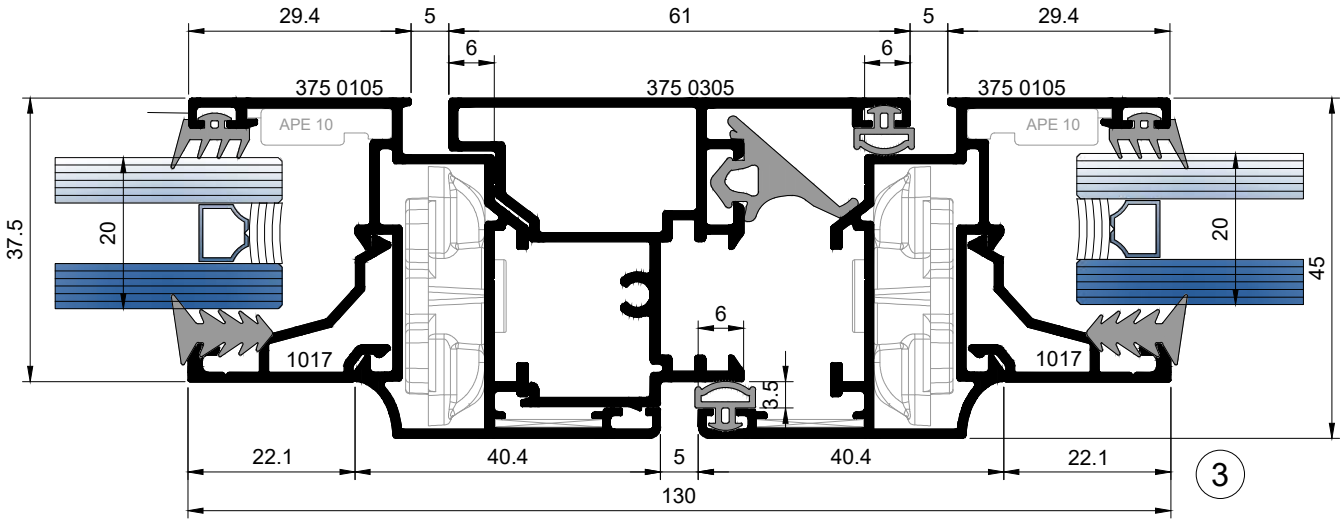
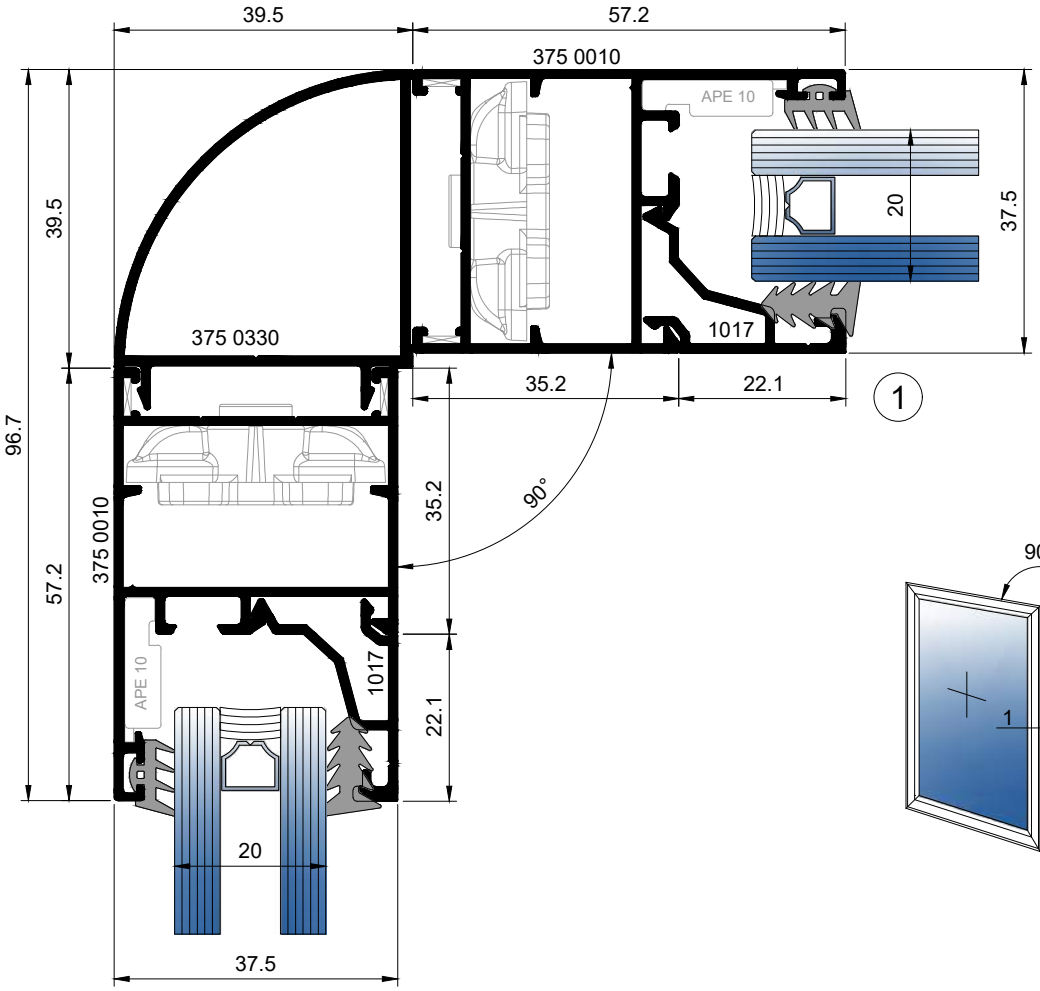
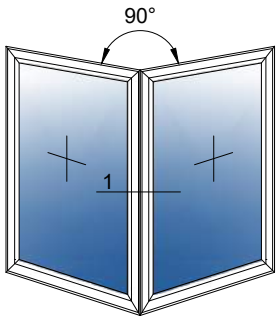
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM









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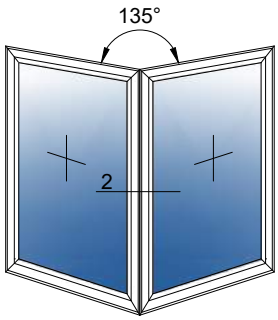
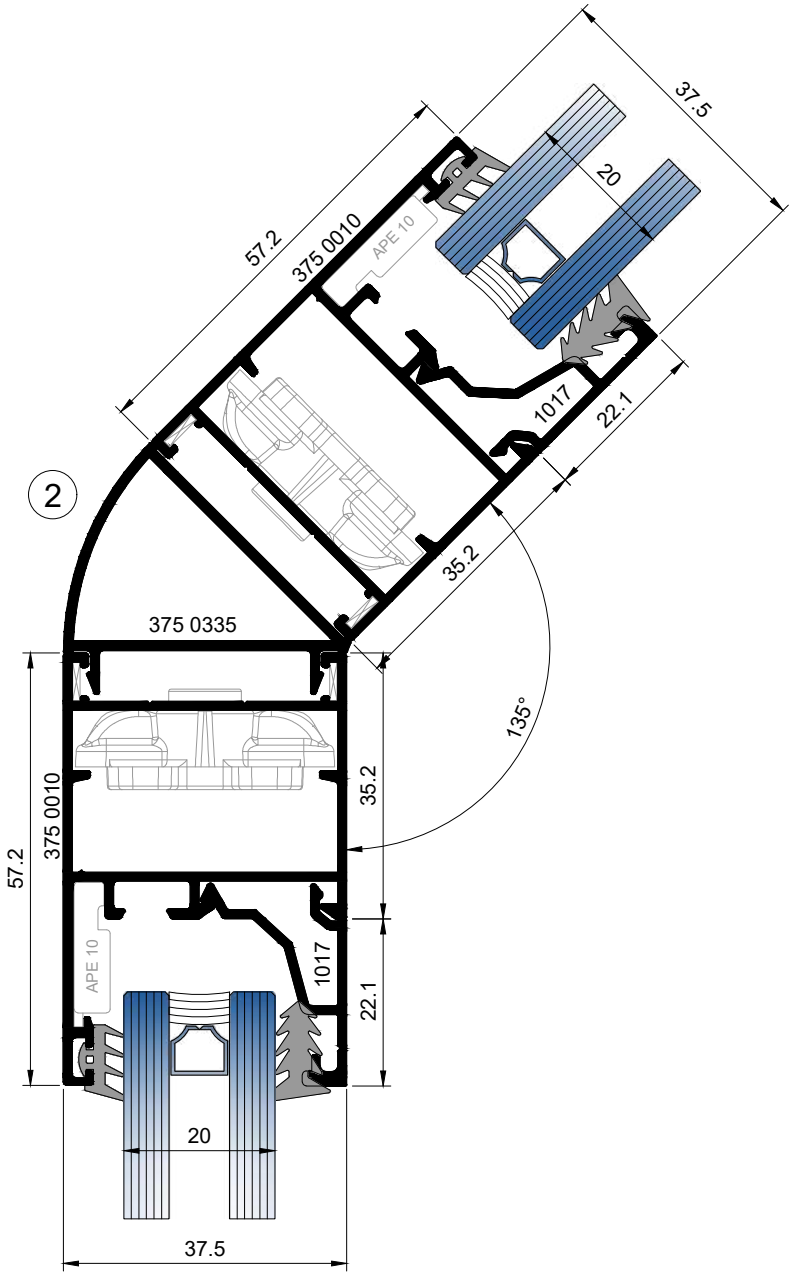
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM





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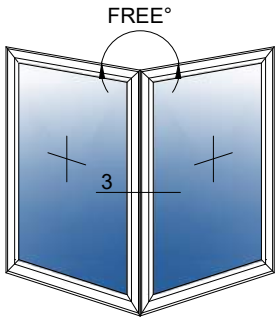
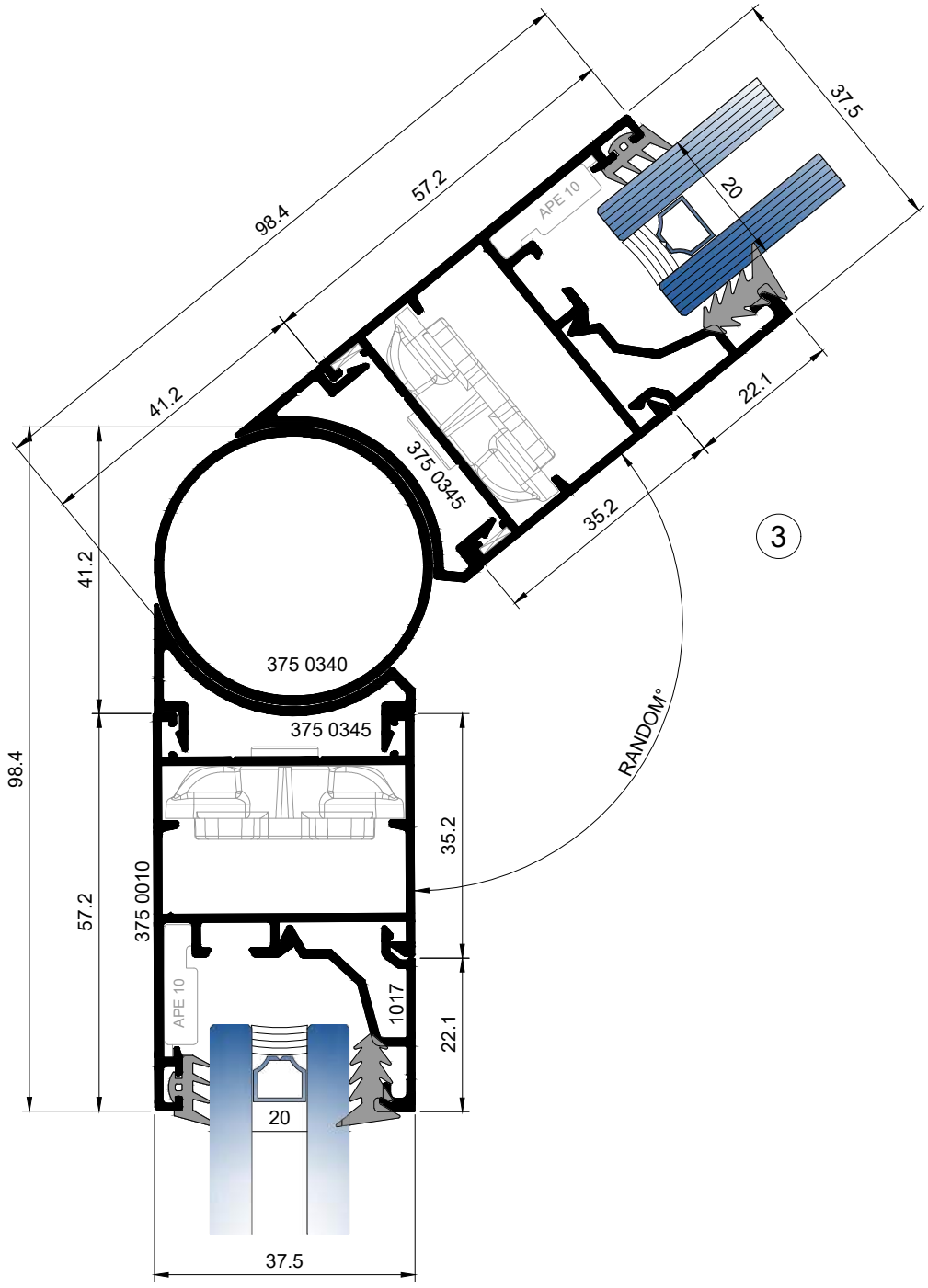
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM





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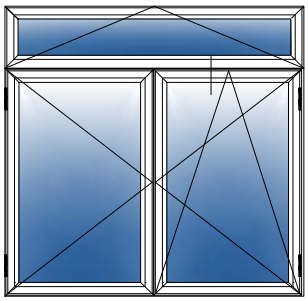
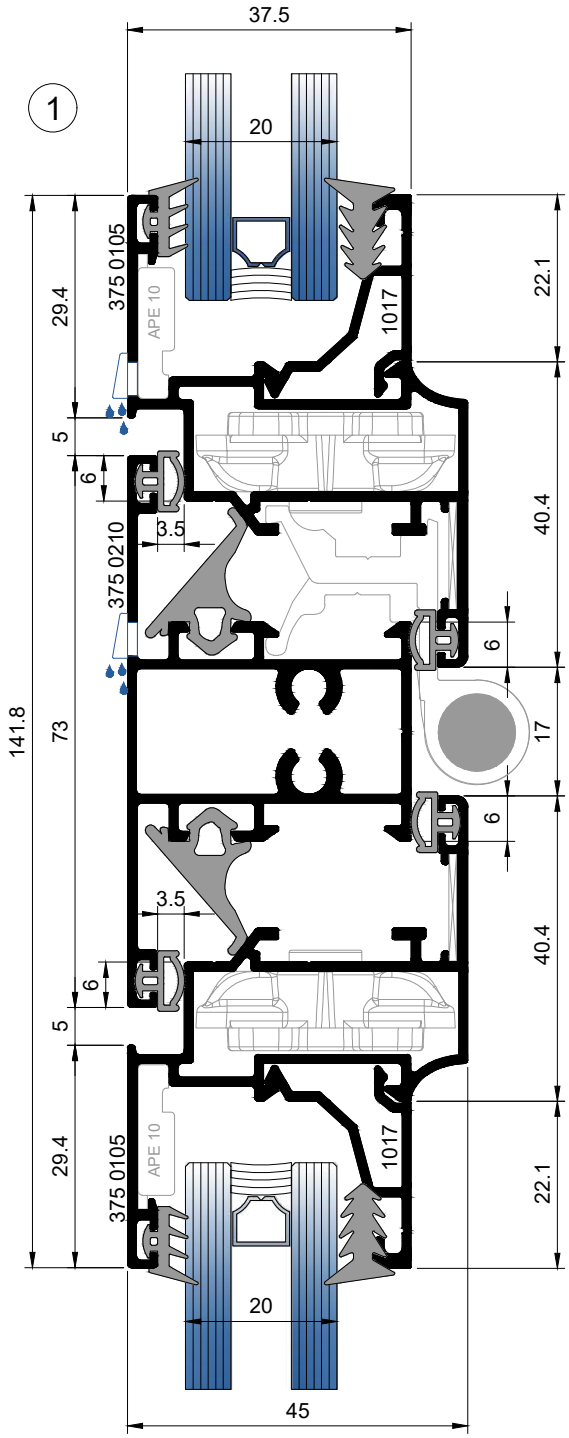
PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM





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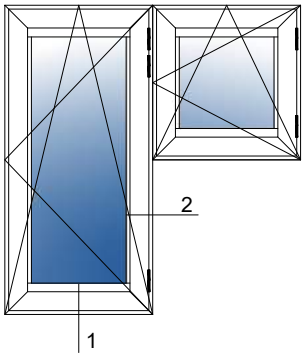
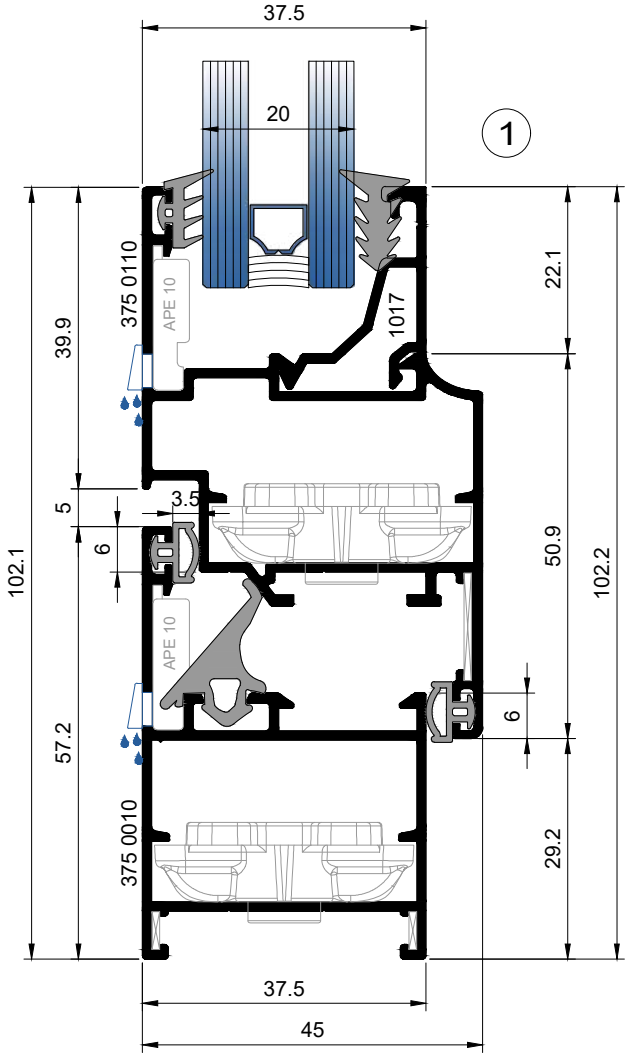
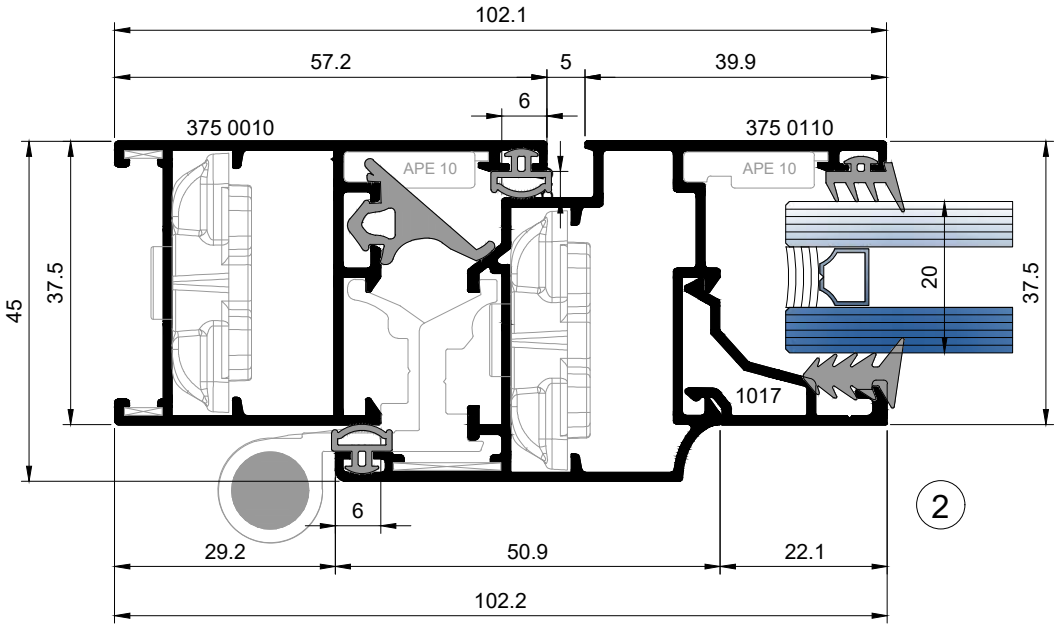
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM







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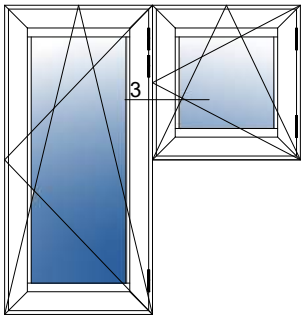
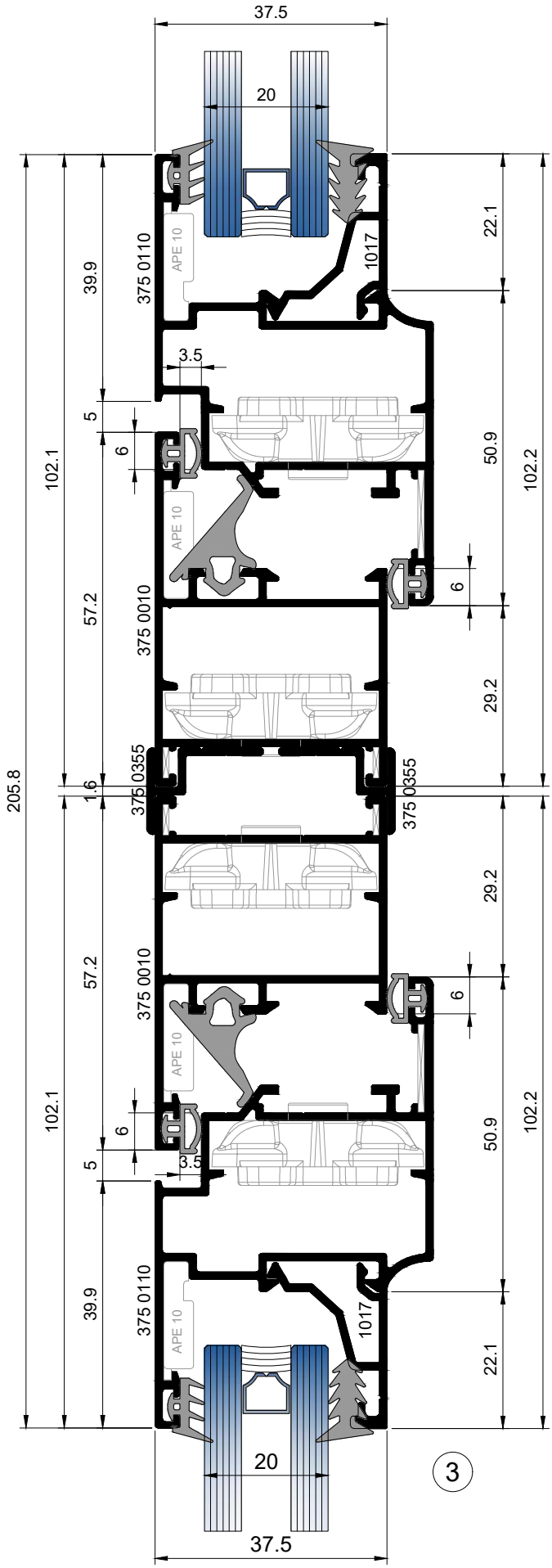
PONY Series

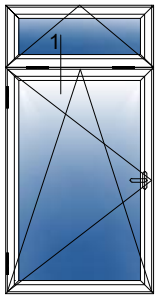
ALTEST
ALUMINIUM PROFILES SYSTEM

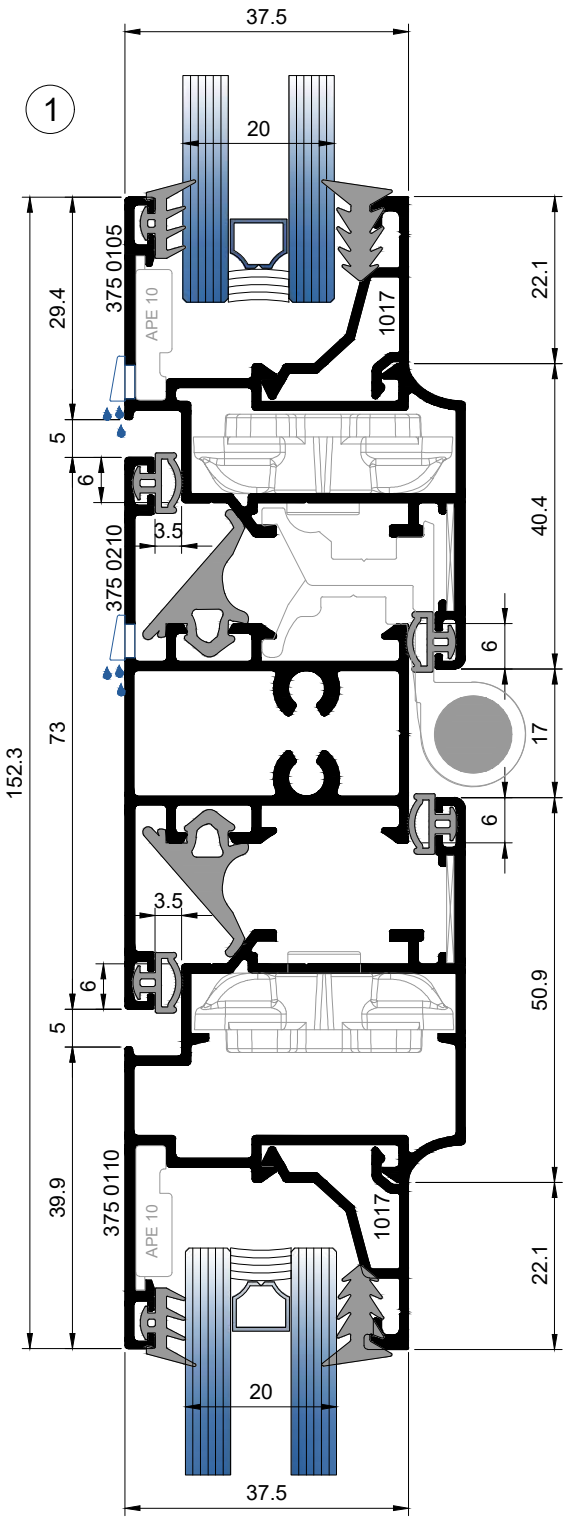




PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM





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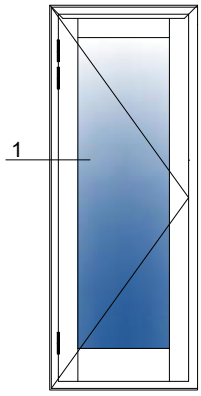
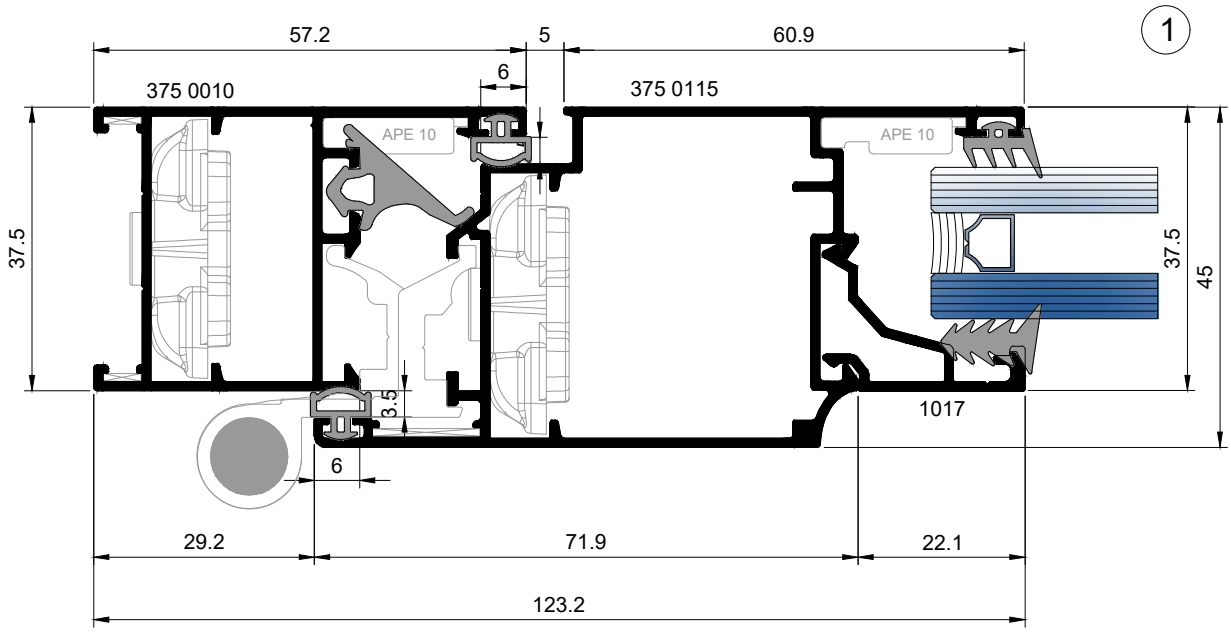
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM





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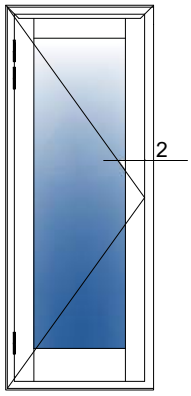
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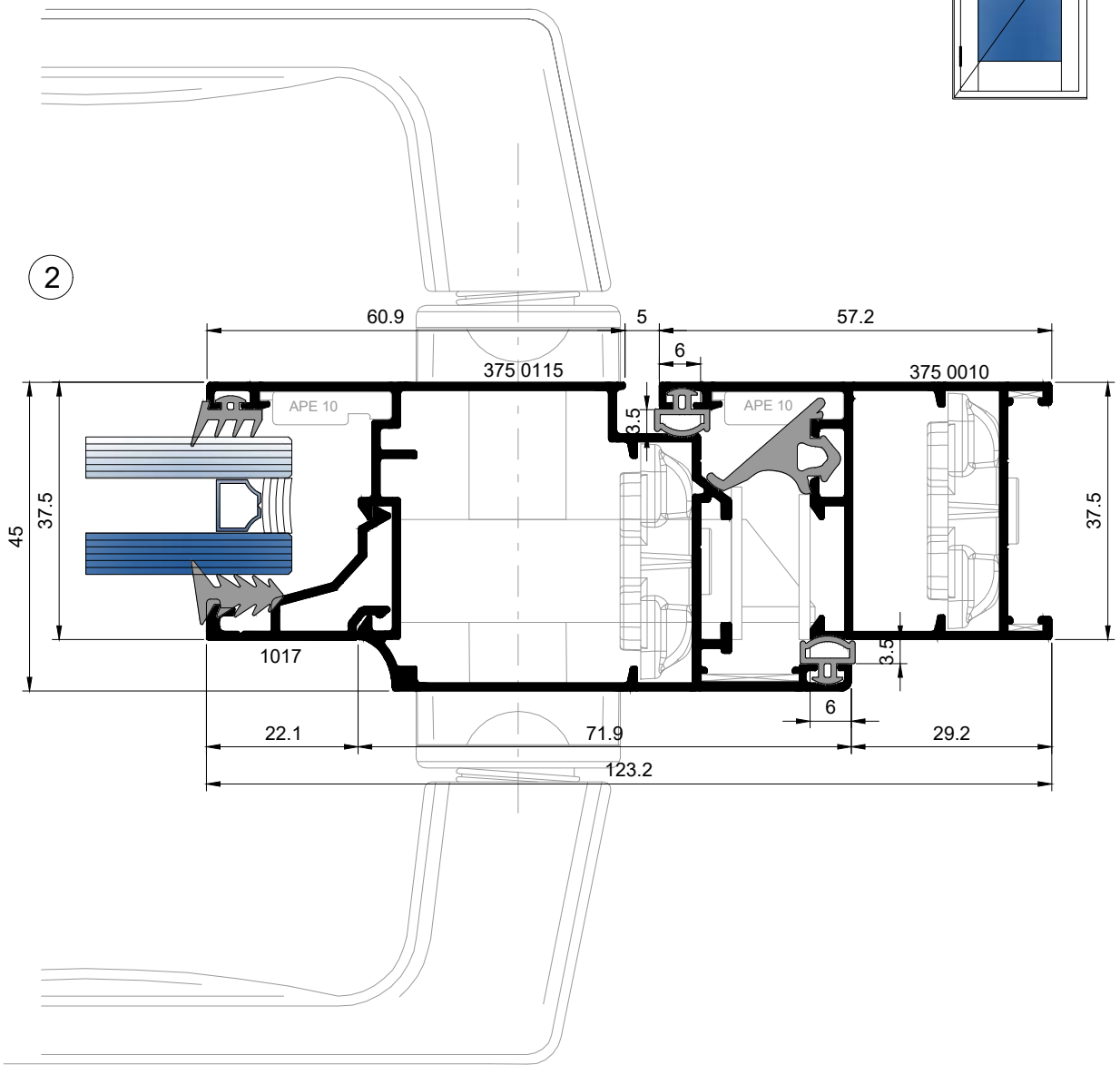
2
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APE 10
3.5
45
37.5
37.5
1017
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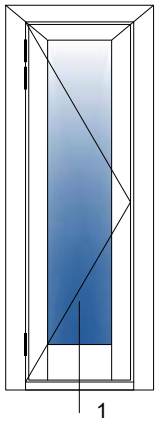
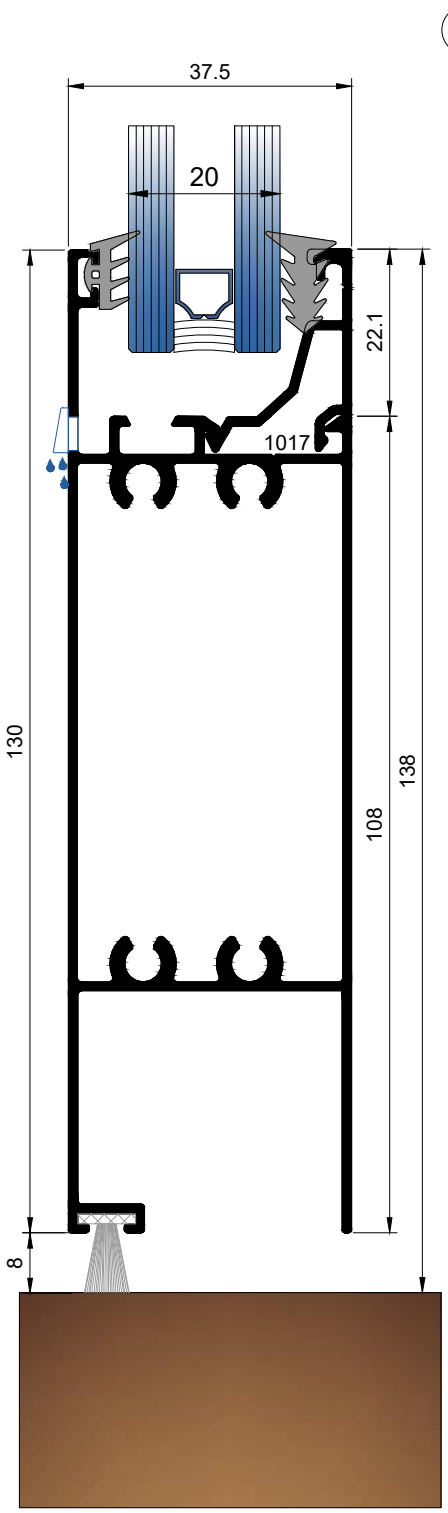
6
22.1
71.9
29.2
123.2

scale1:1

PONY
Series

ALTEST
ALUMINIUM PROFILES SYSTEM





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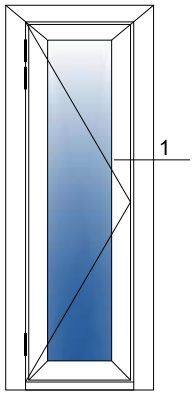
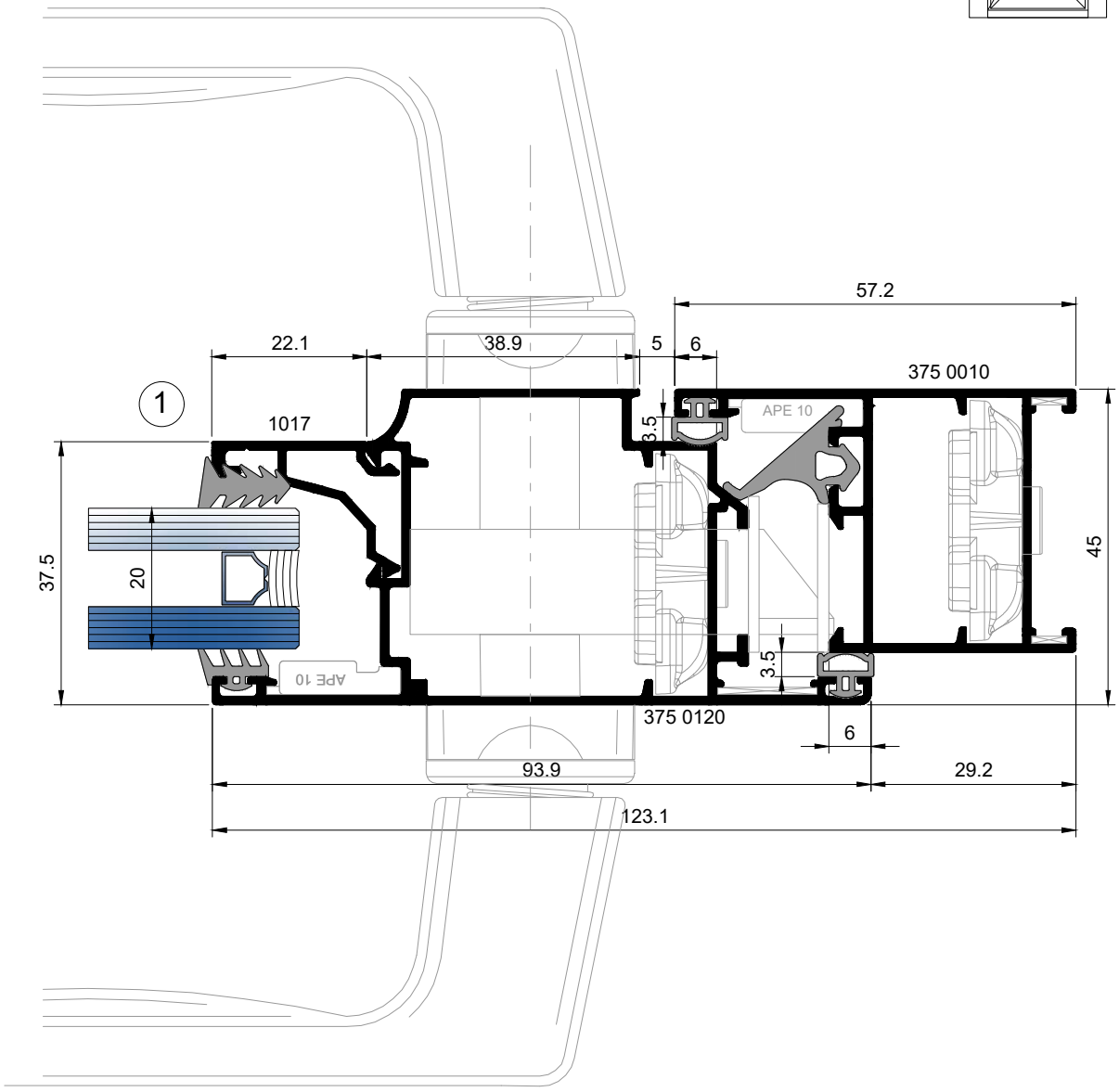
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

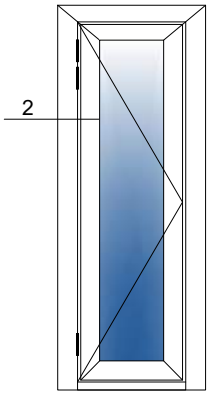


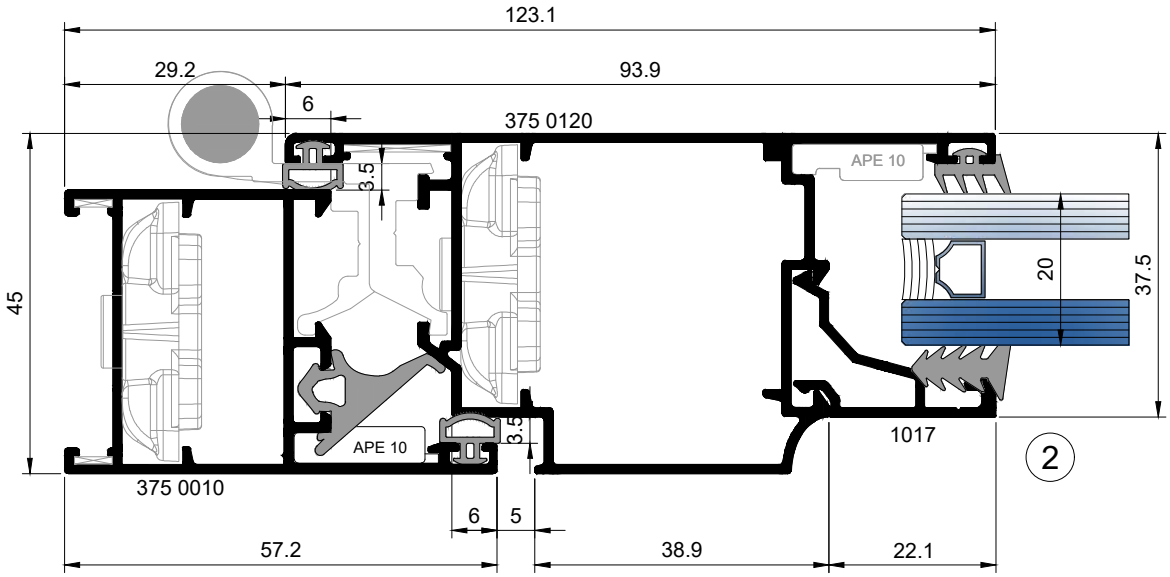


scale1:1

PONY
Series

ALTEST
ALUMINIUM PROFILES SYSTEM





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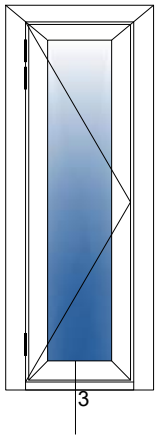
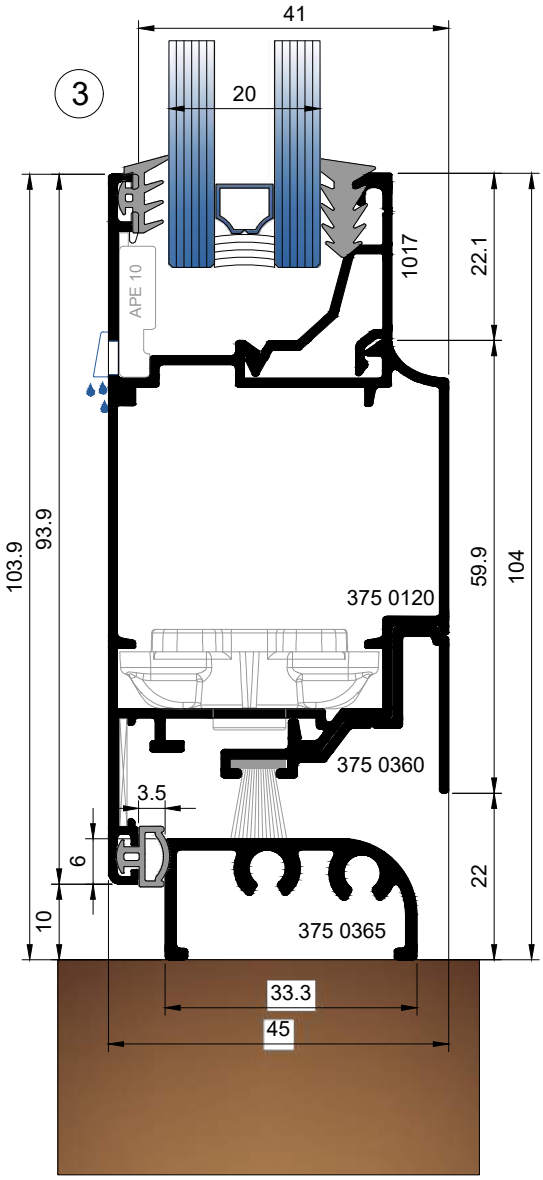
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM





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PONY Series

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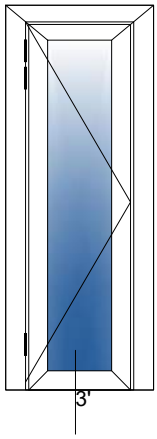

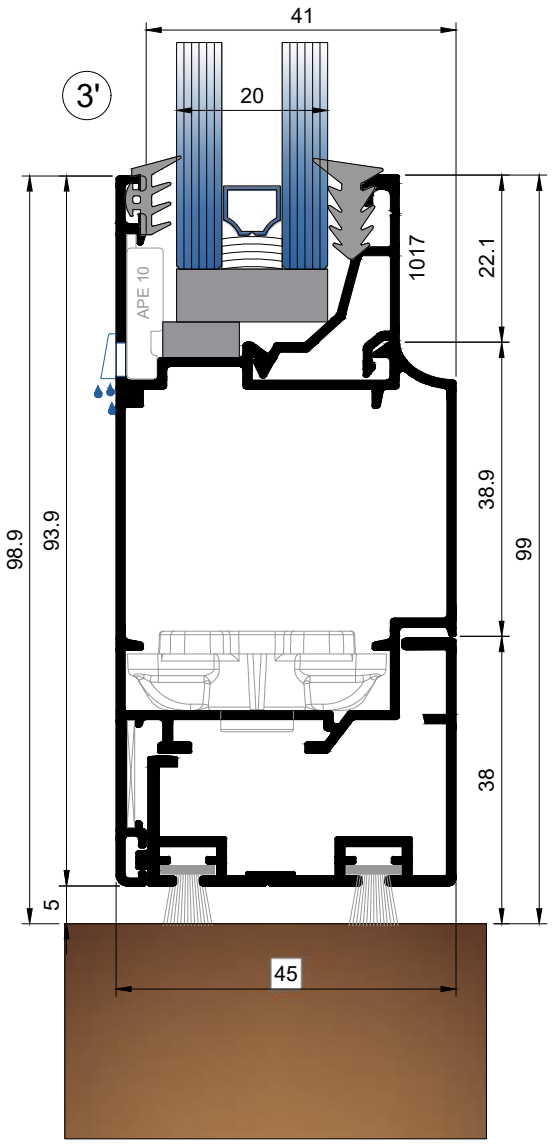

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PONY Series

ALTEST
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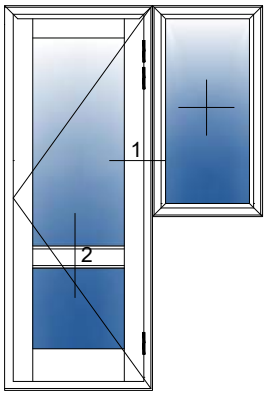

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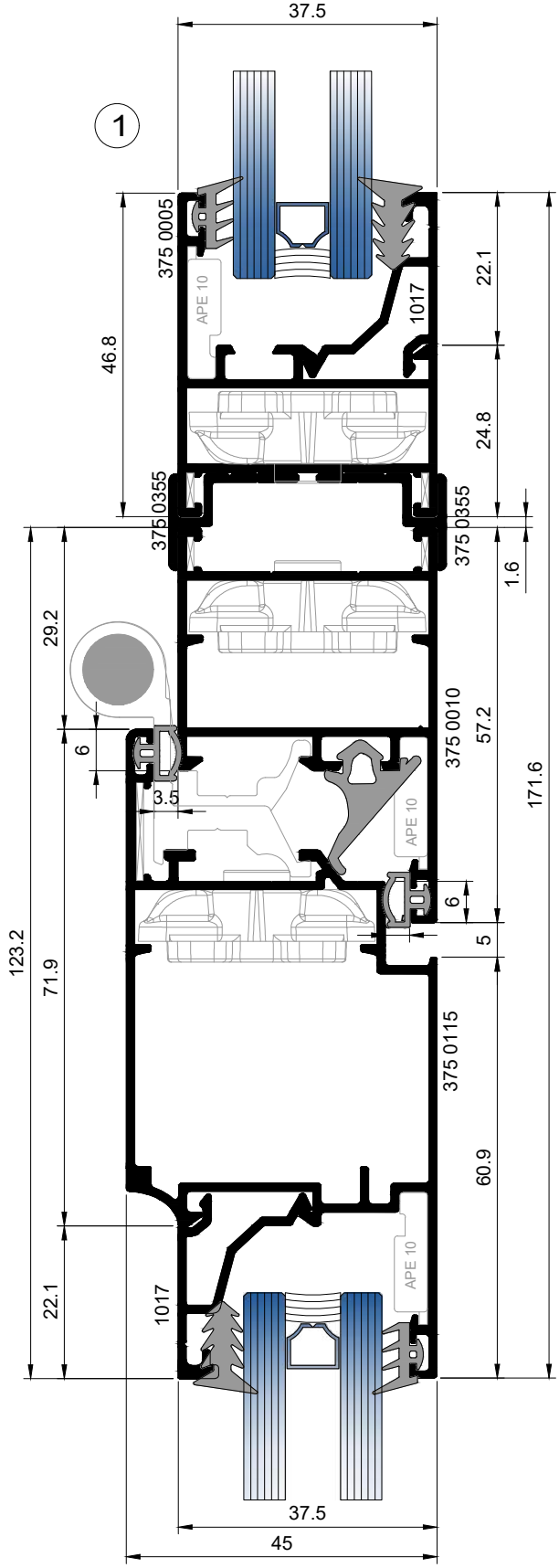

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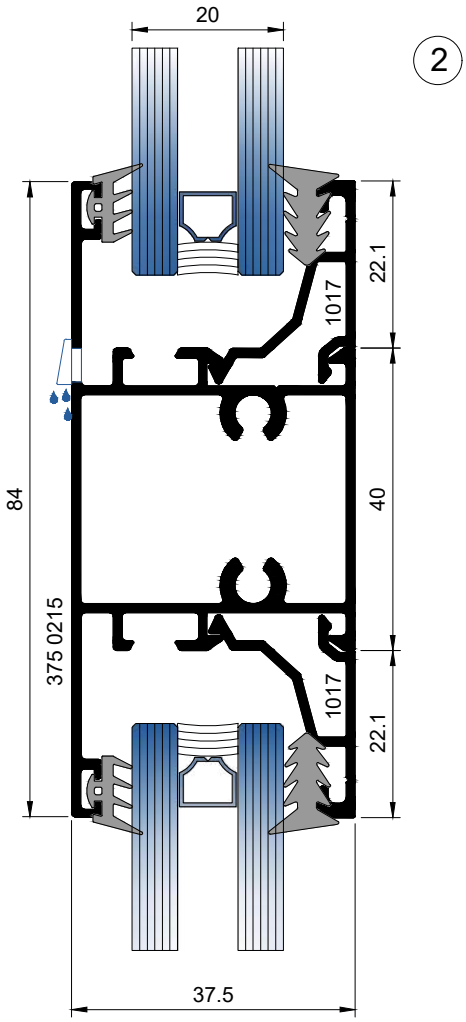

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PONY Series

ALTEST
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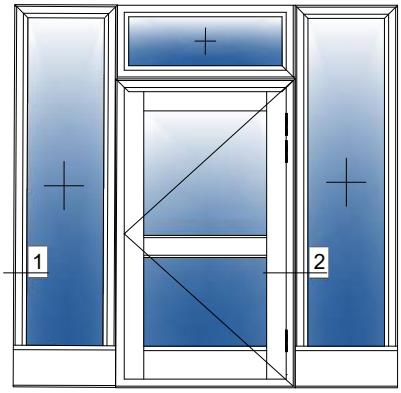

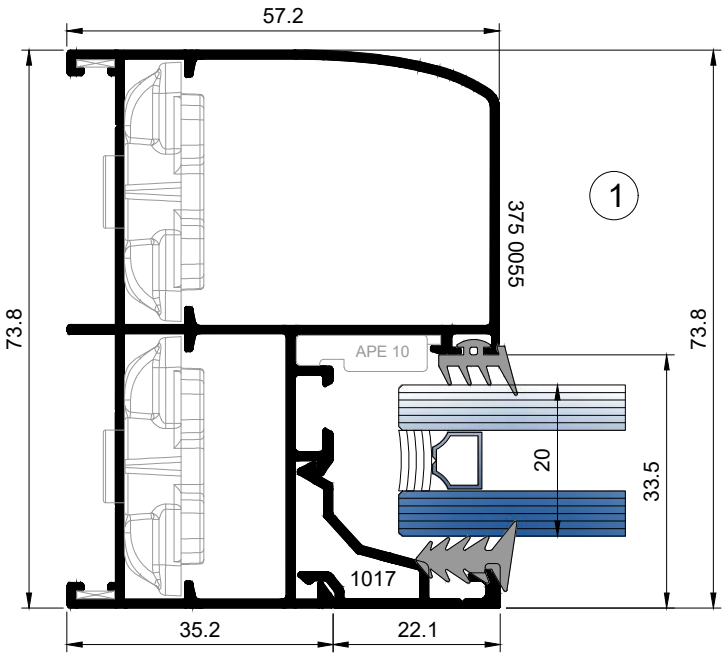

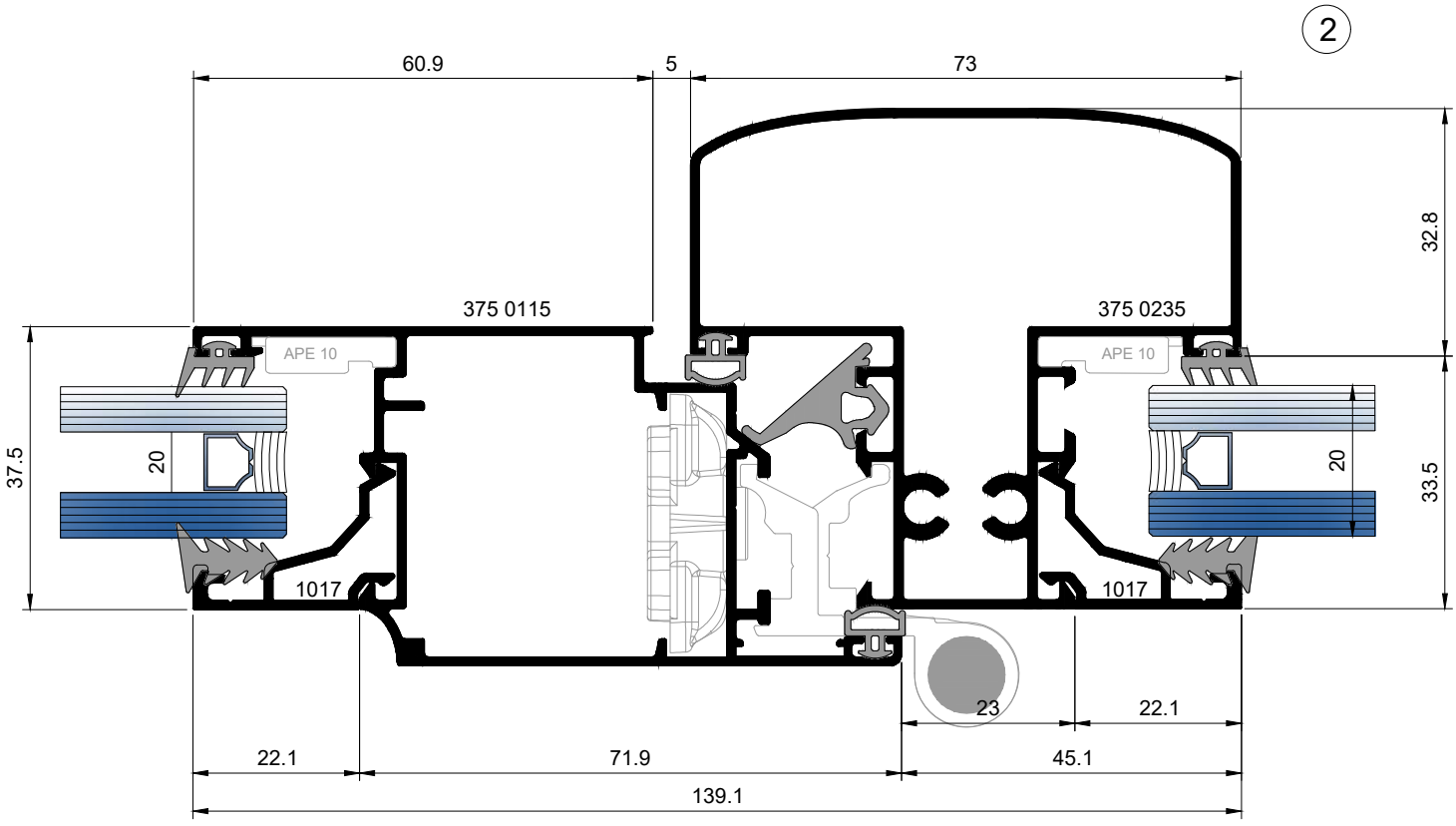

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PONY Series

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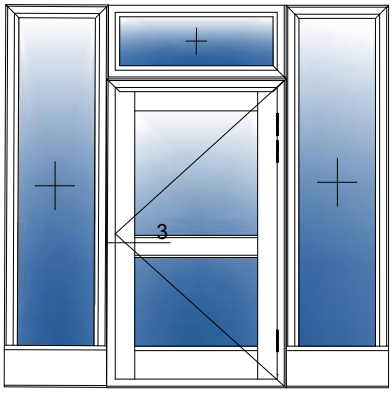

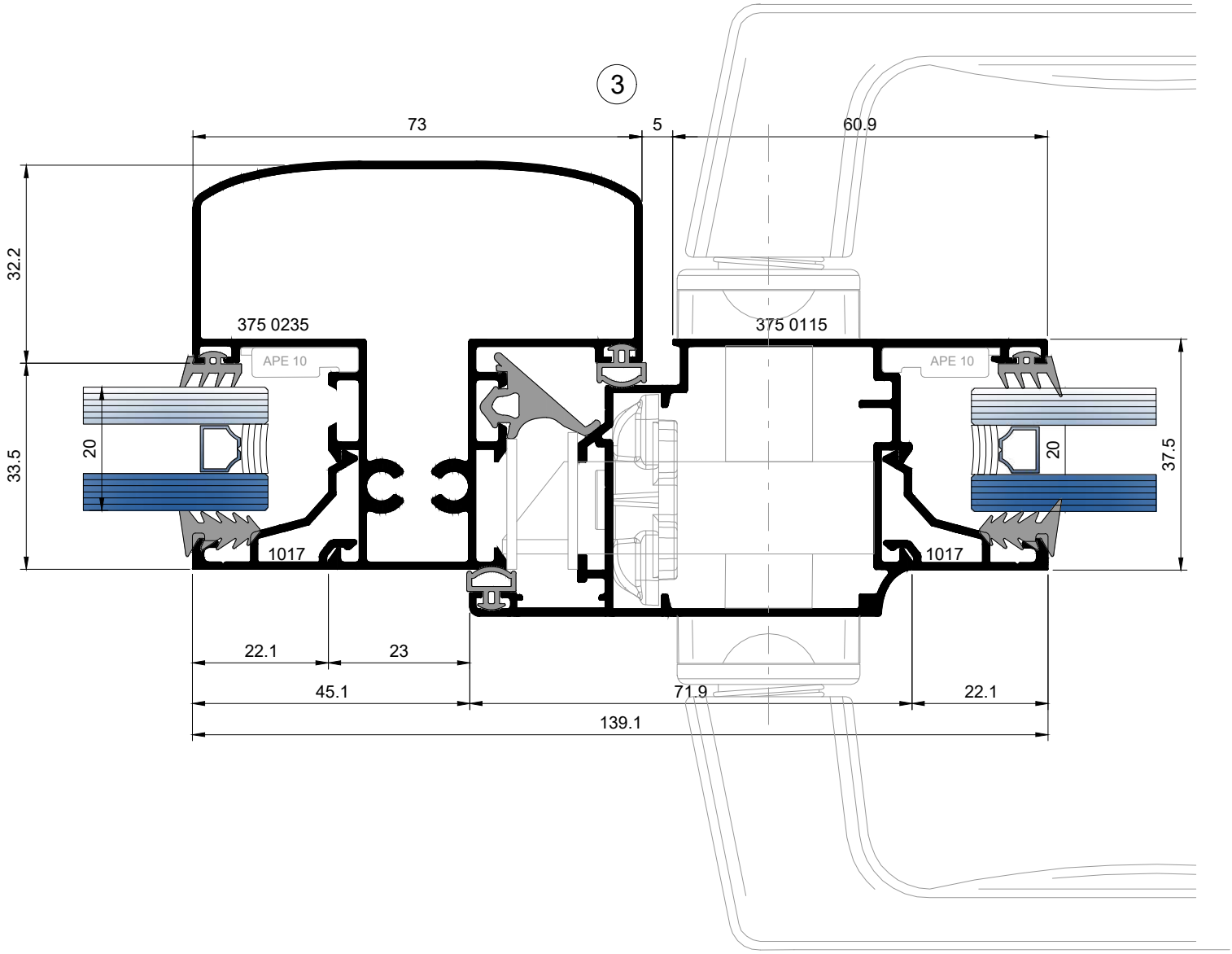

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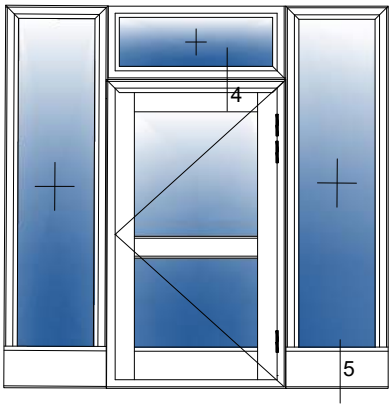
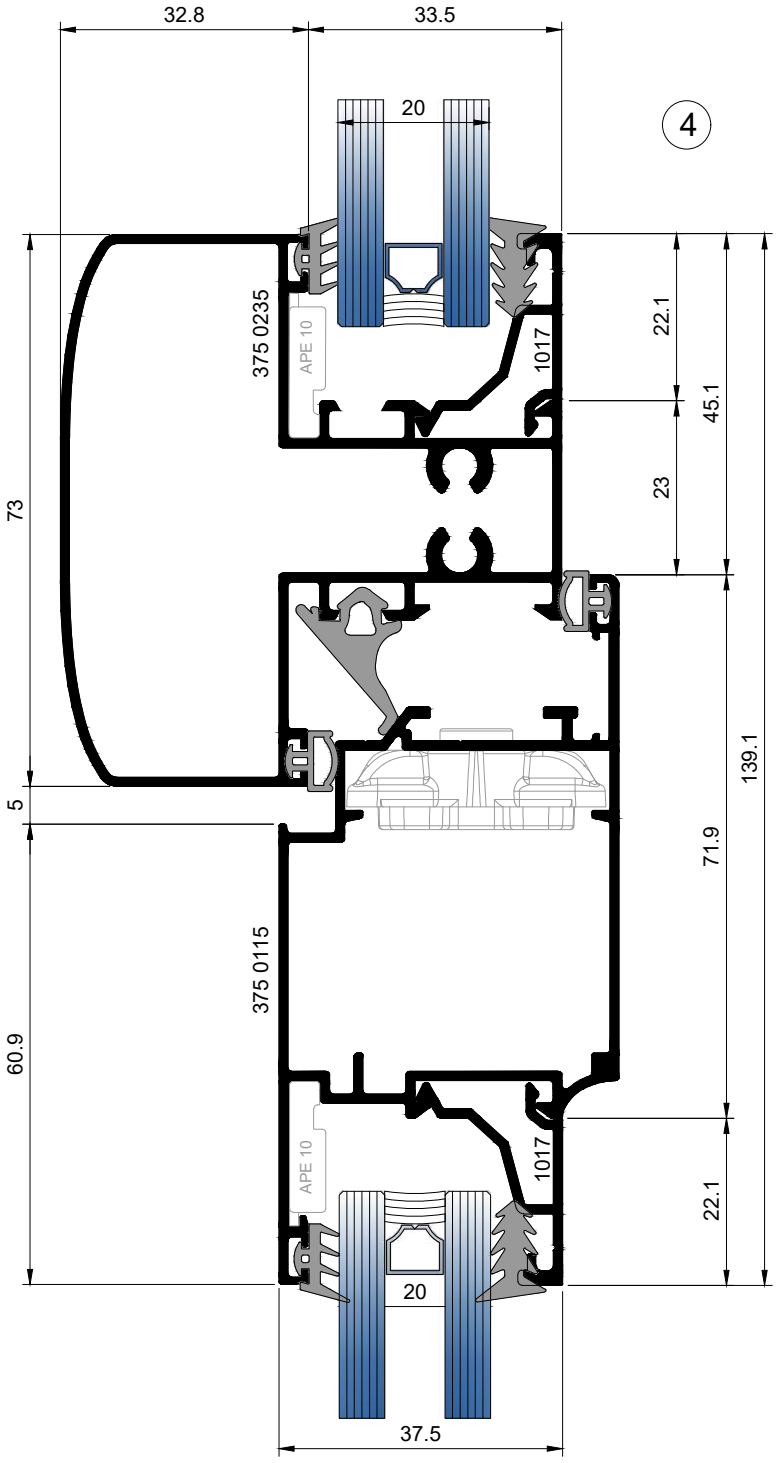
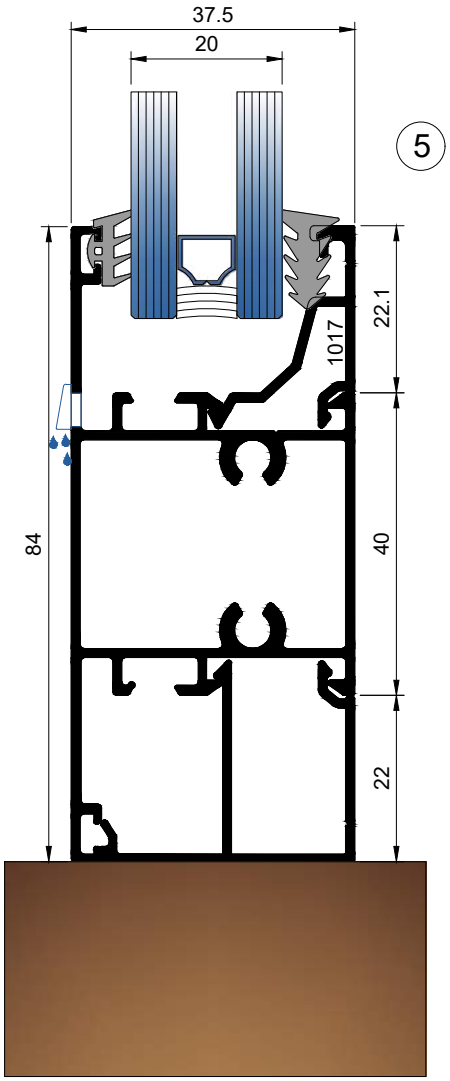
PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM







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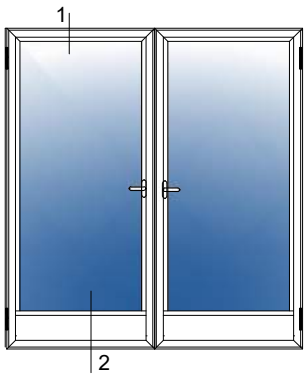
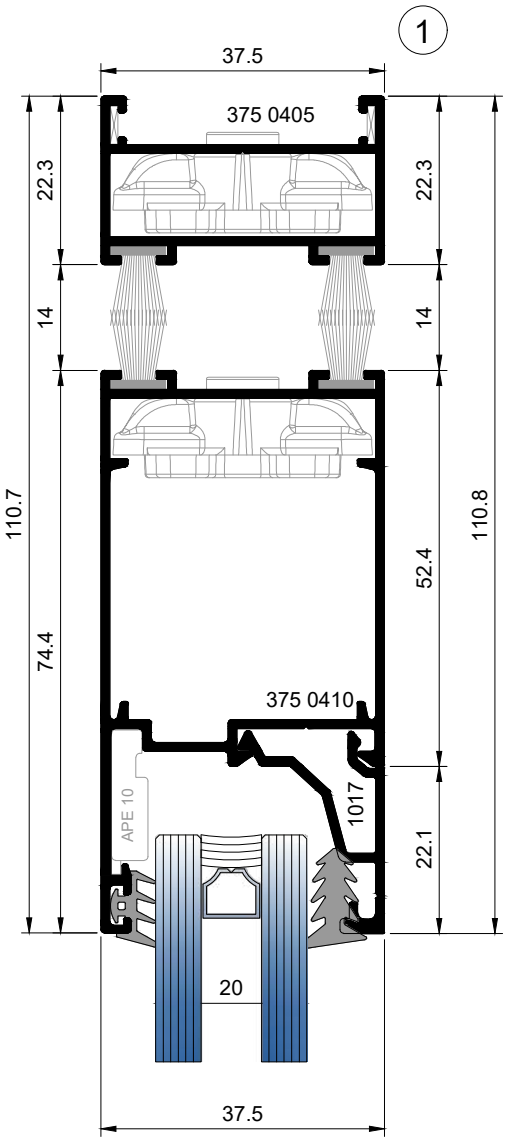
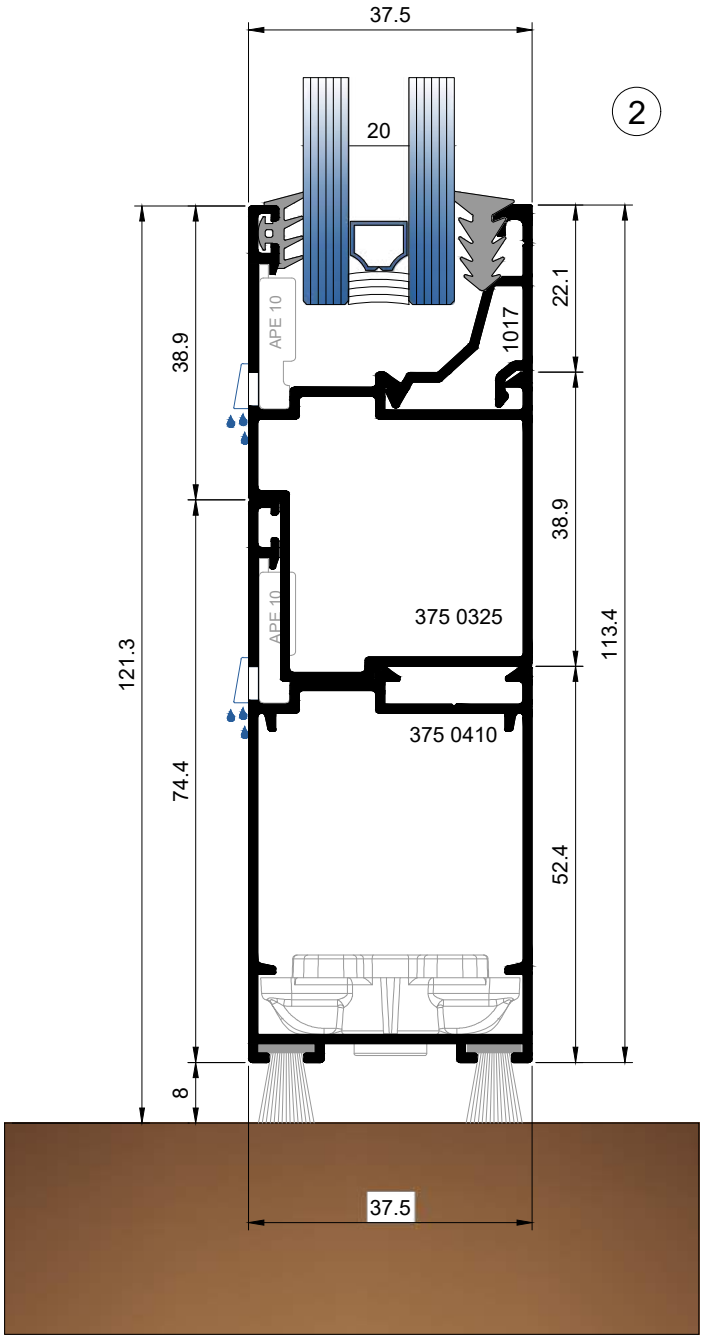
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



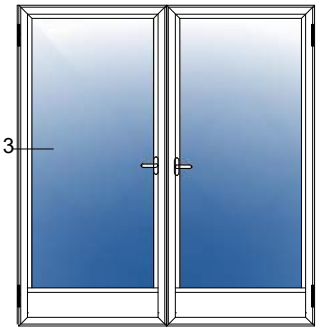


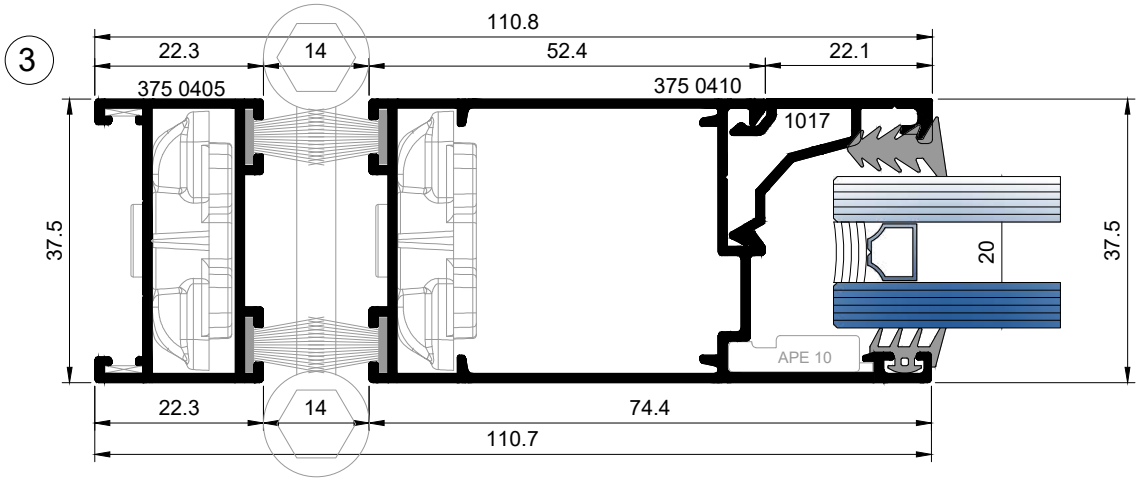


scale1:1

PONY
Series

ALTEST
ALUMINIUM PROFILES SYSTEM

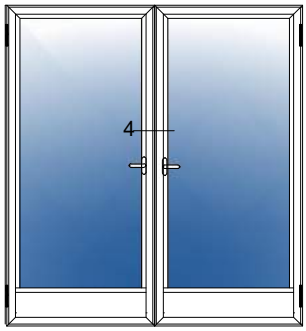


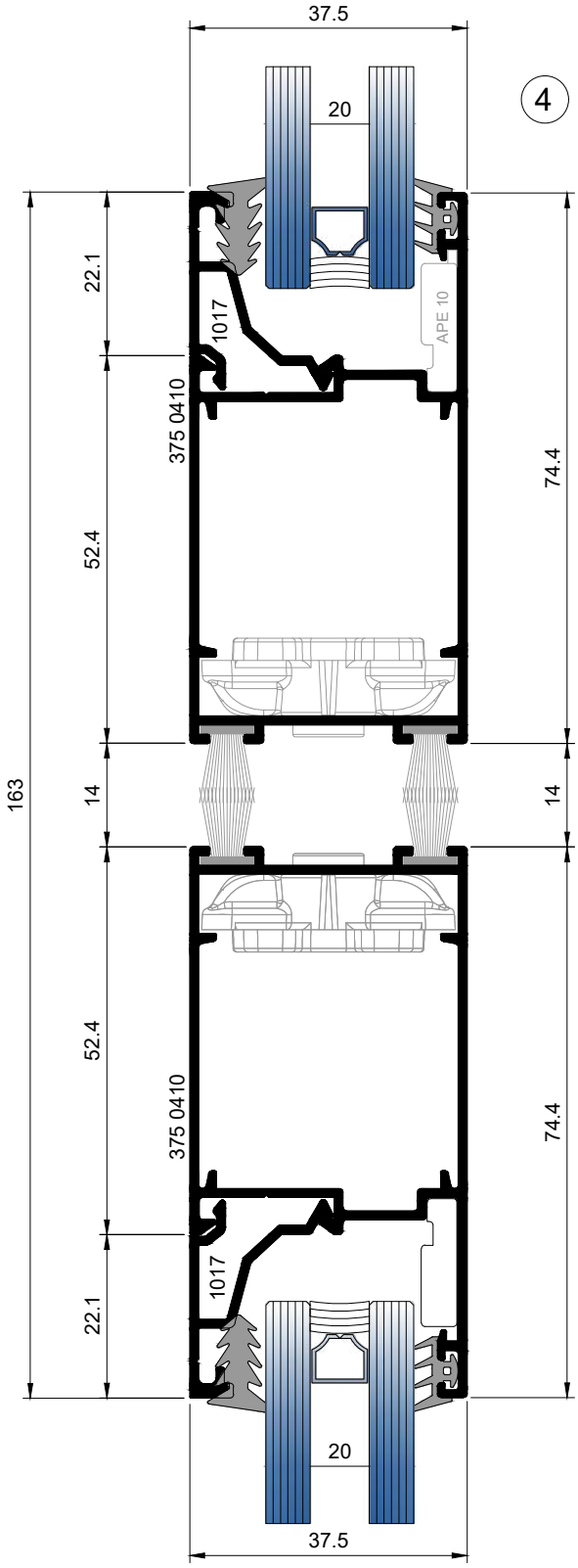


scale1:1

PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM





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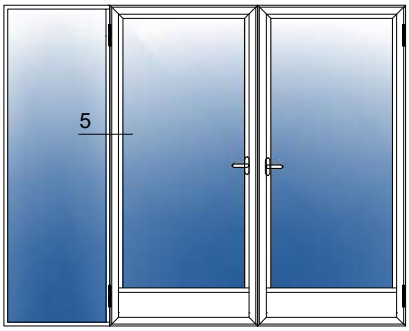
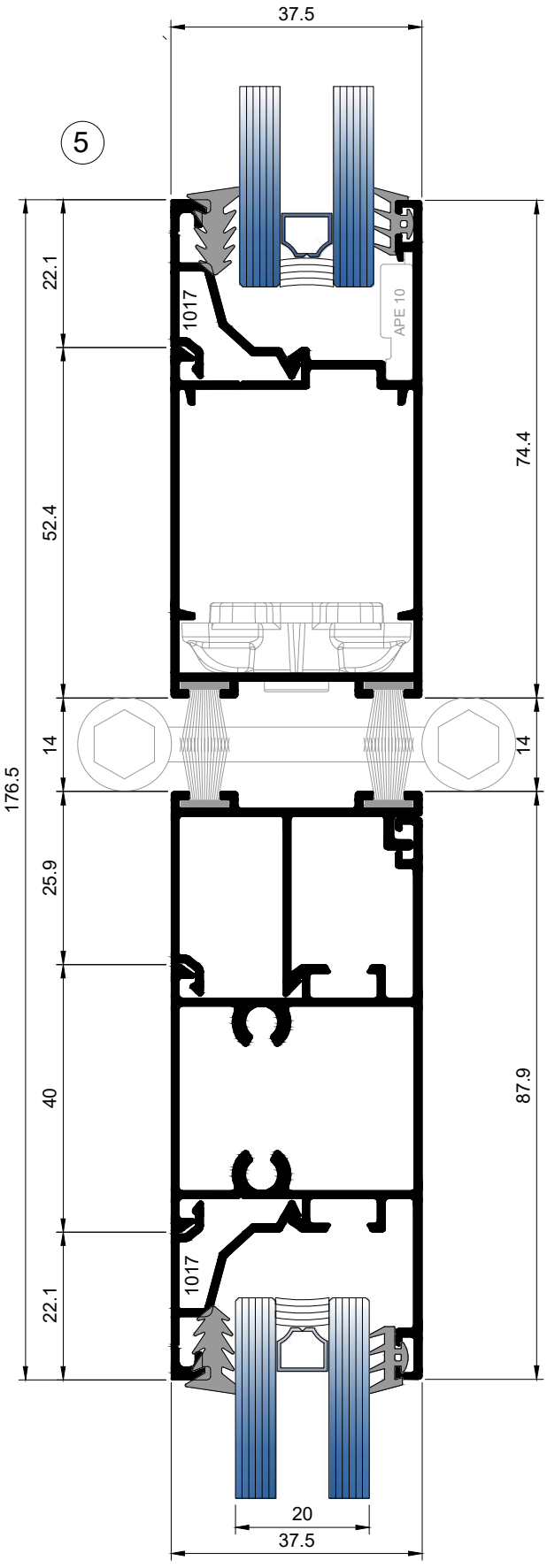
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM





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PONY Series

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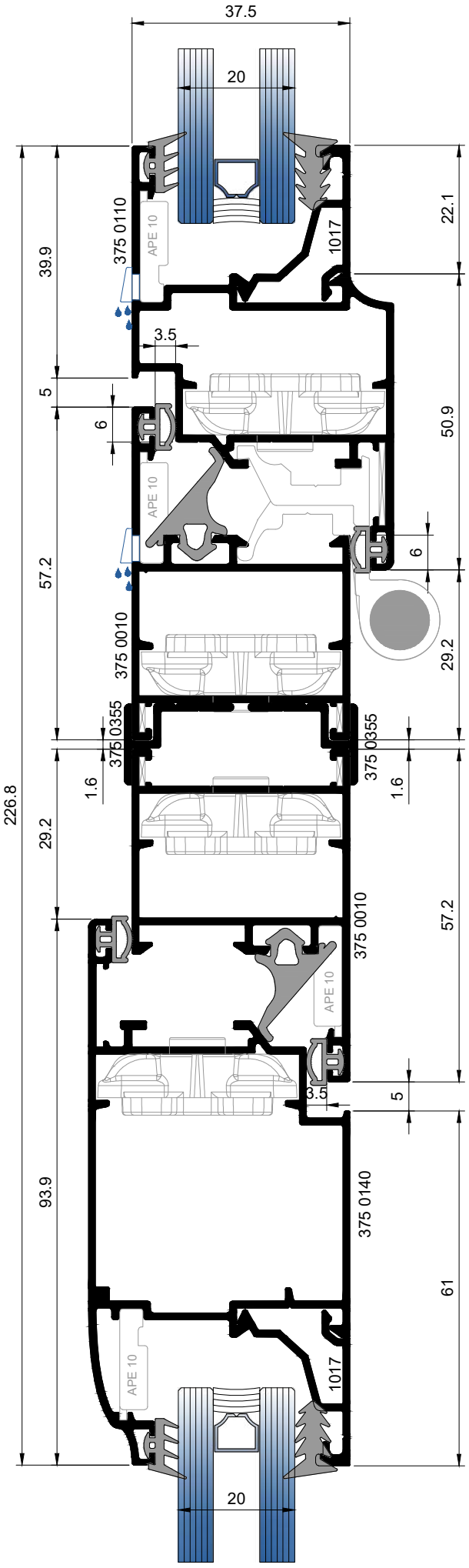

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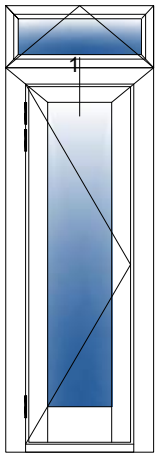
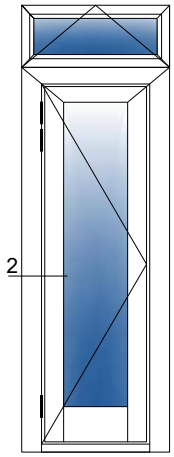


outwards opening door

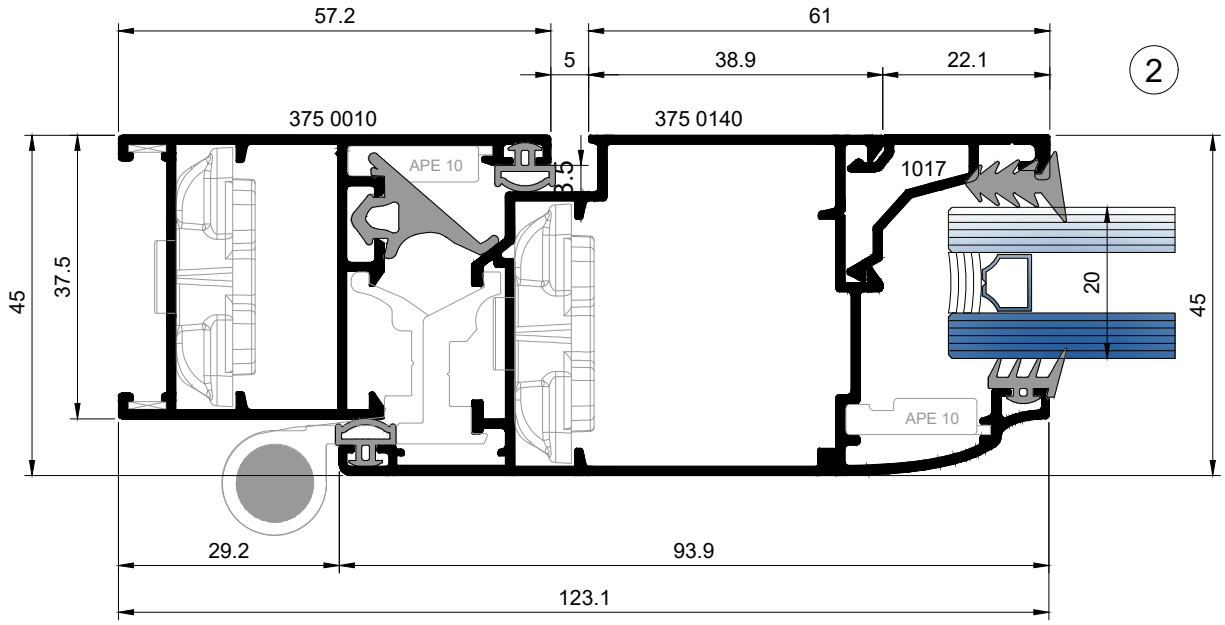
scale 1:1

PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



outwards opening door



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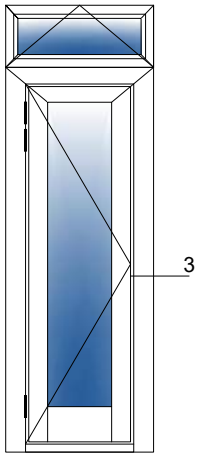
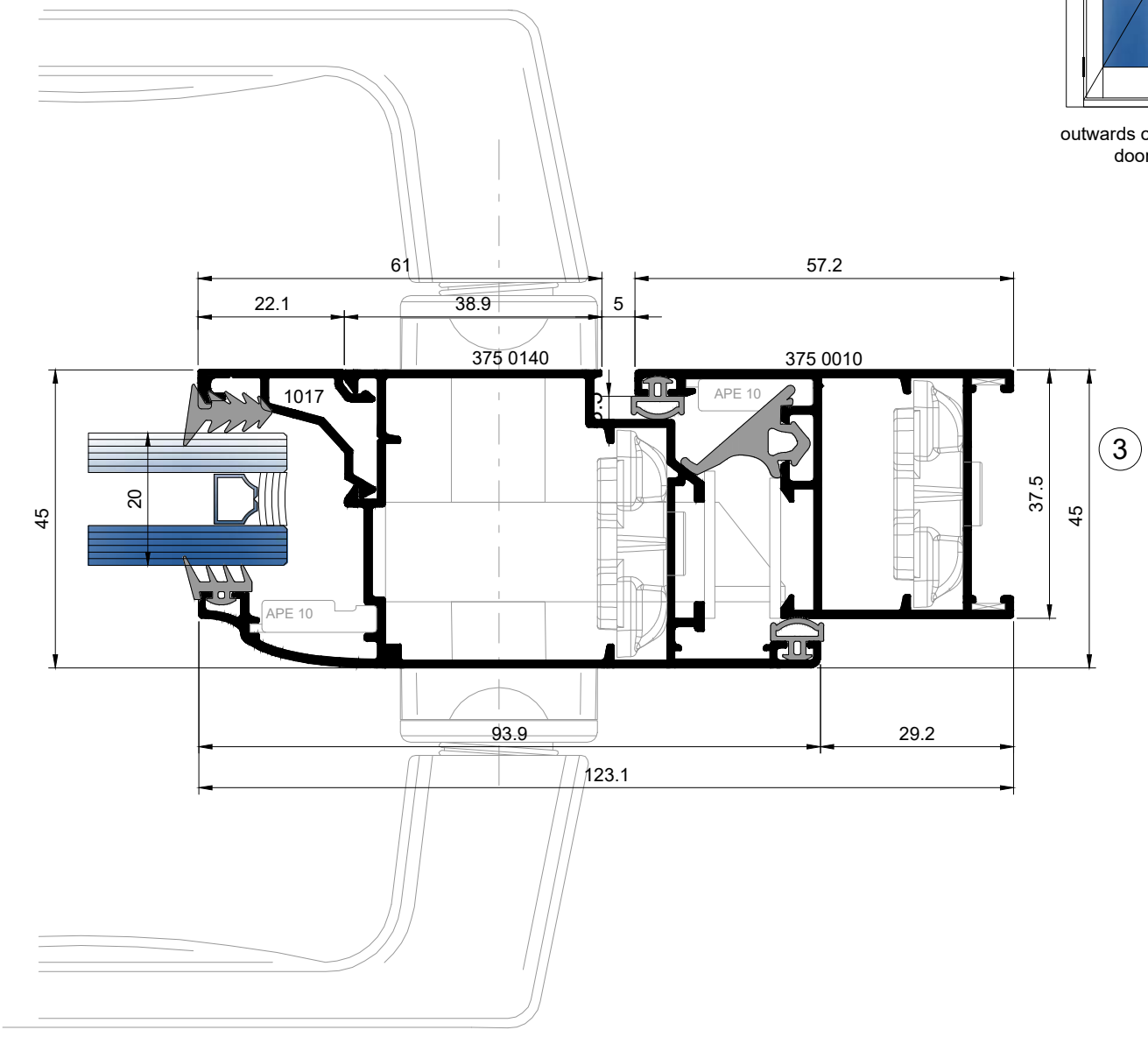


outwards opening
door



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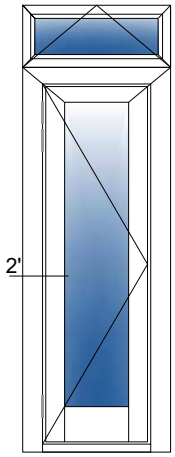
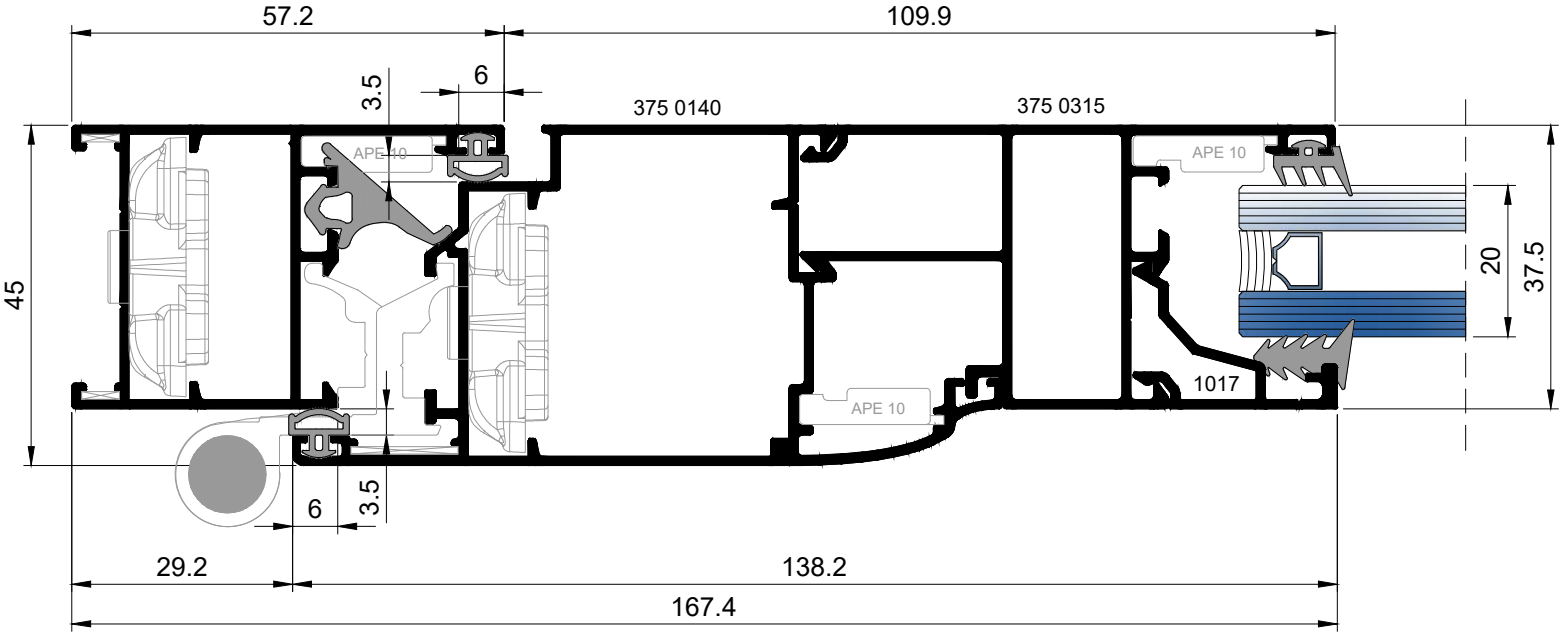
PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM



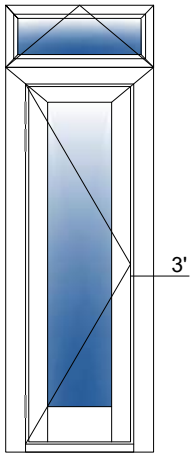
outwards opening door



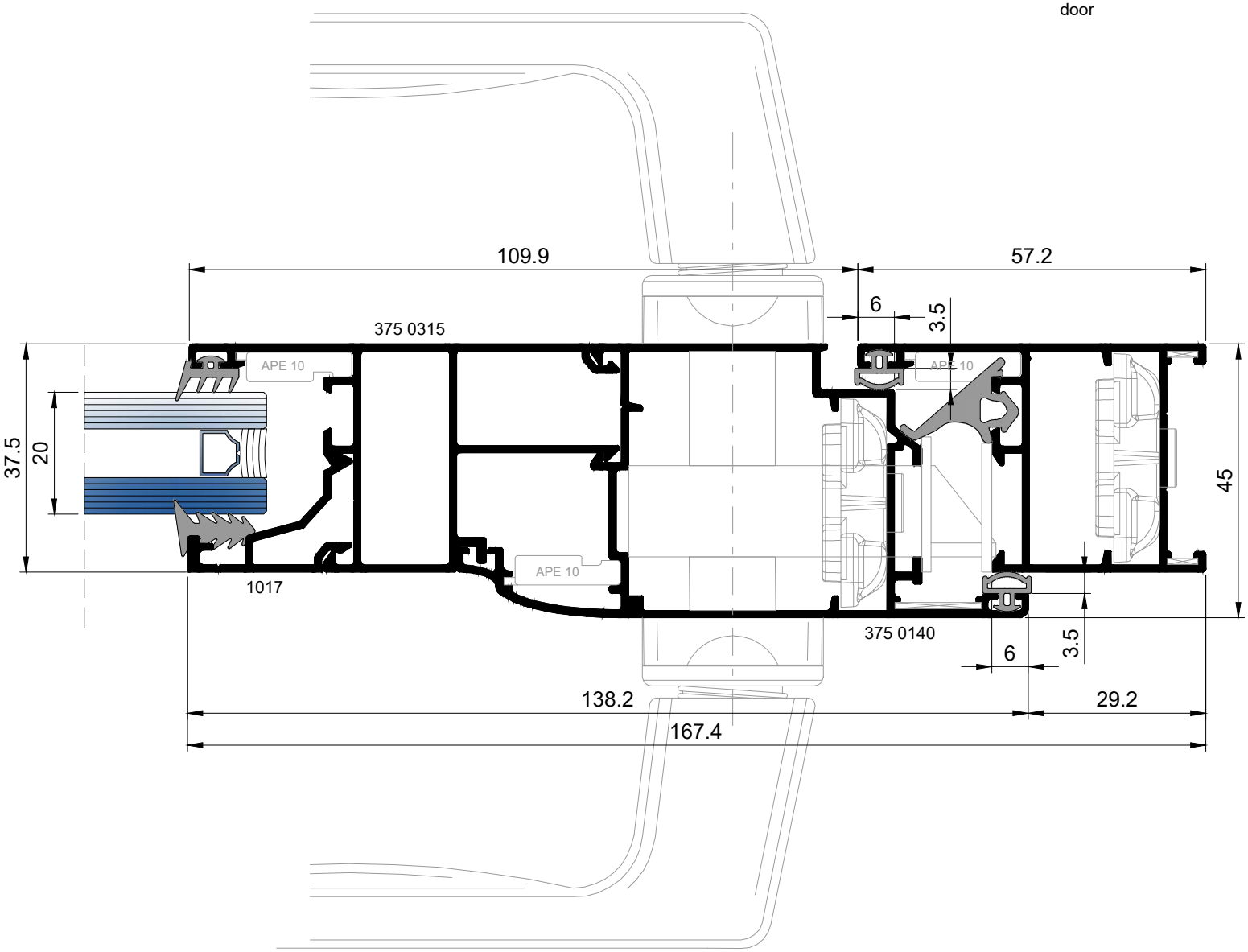
scale 1:1

PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM



outwards opening door



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PONY Series

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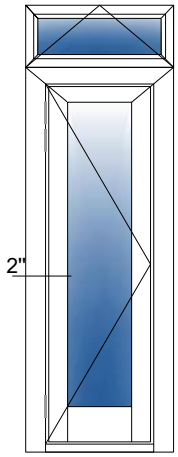
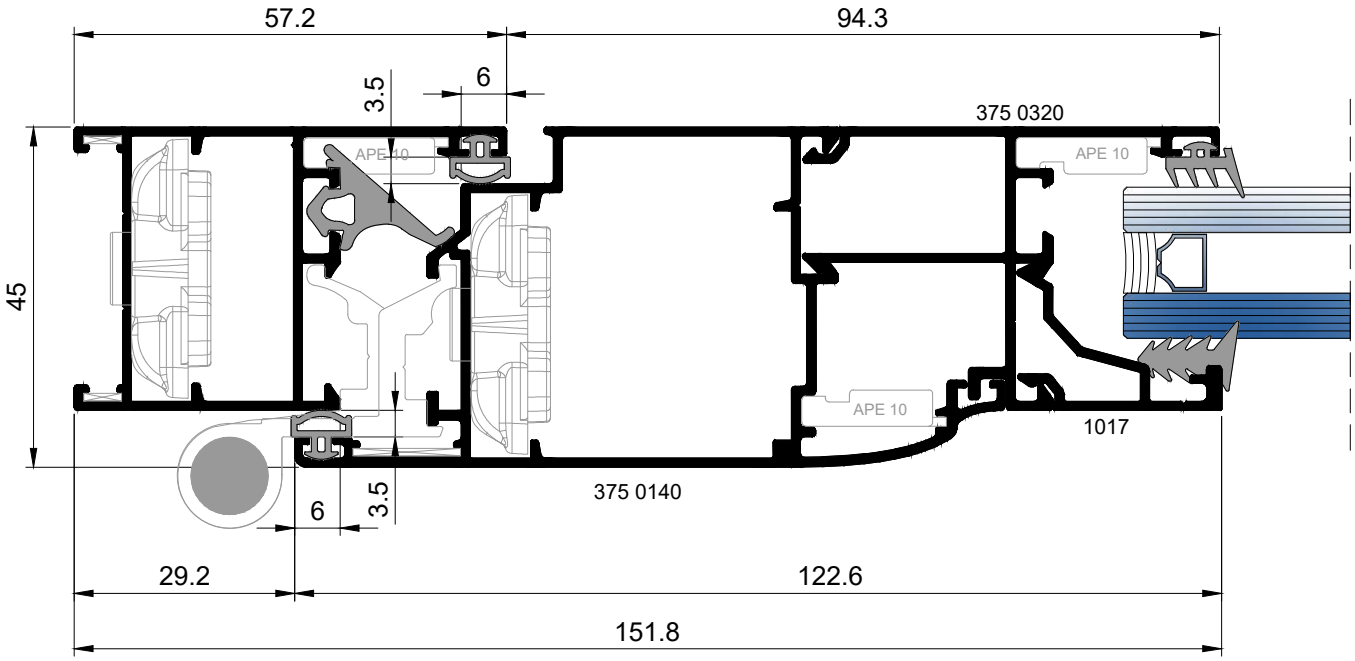
ALUMINIUM PROFILES SYSTEM



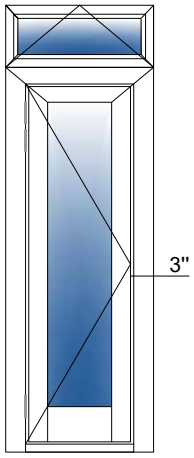
outwards opening door



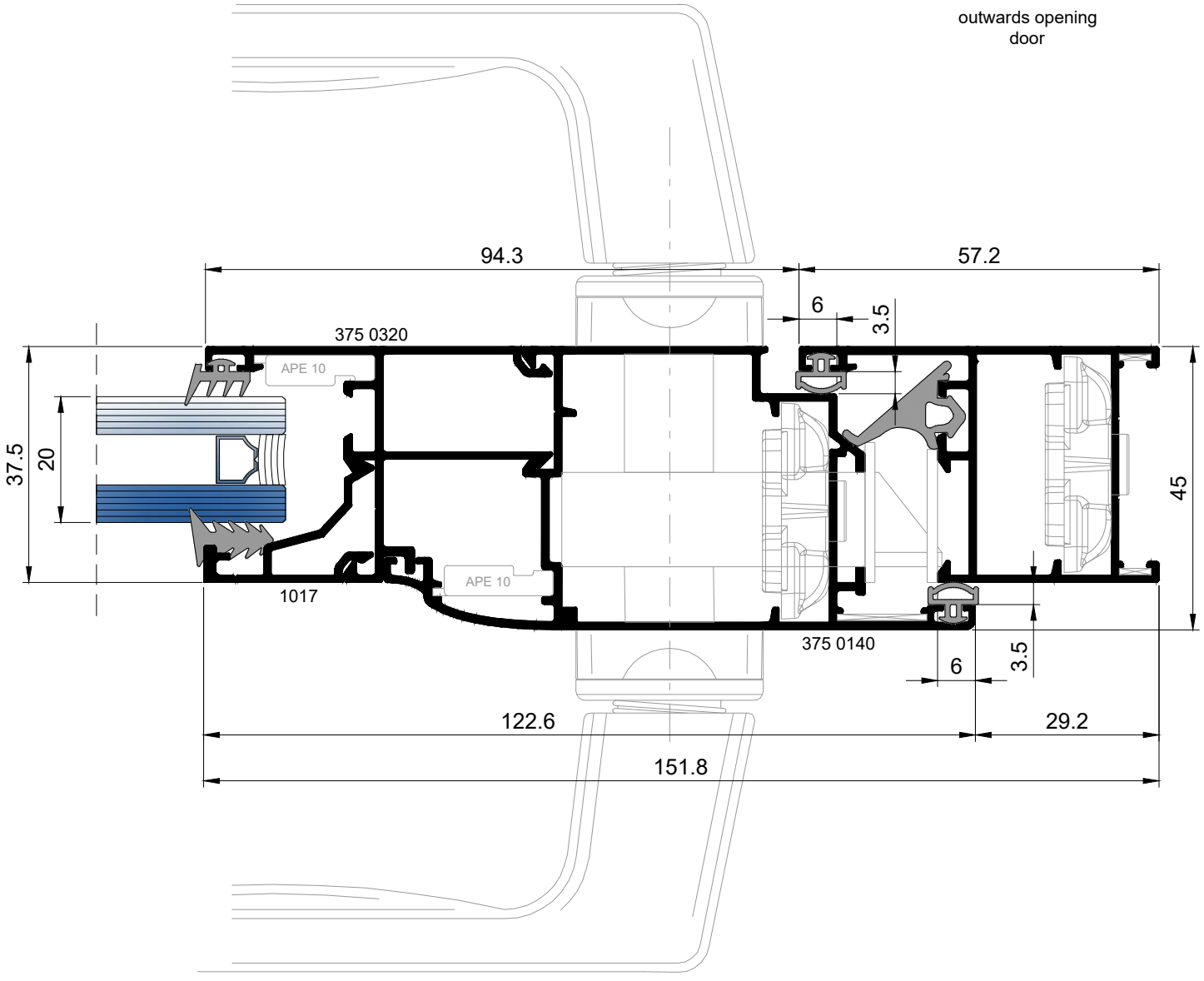
scale 1:1

PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



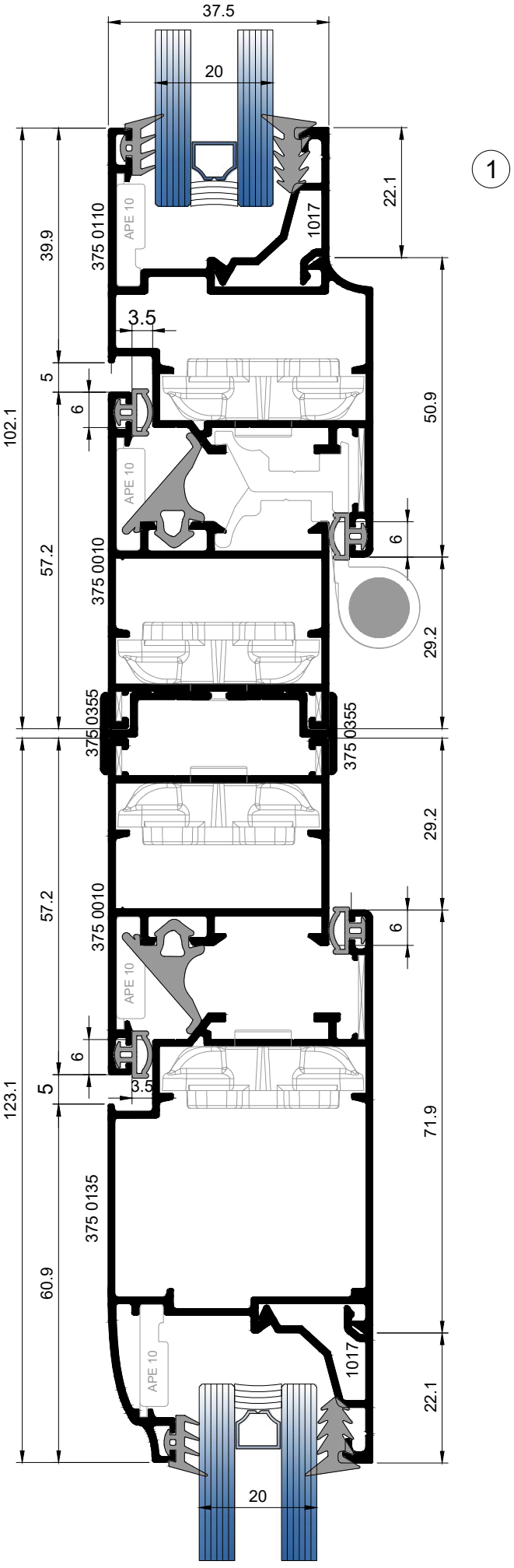
outwards opening door



scale 1:1

PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



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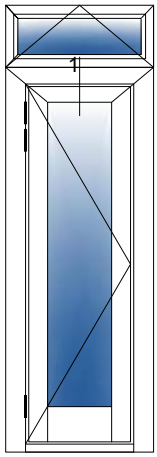
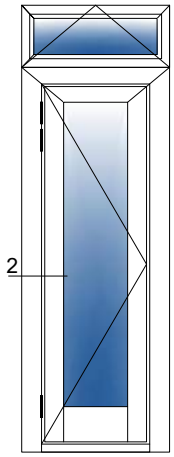


inwards opening door

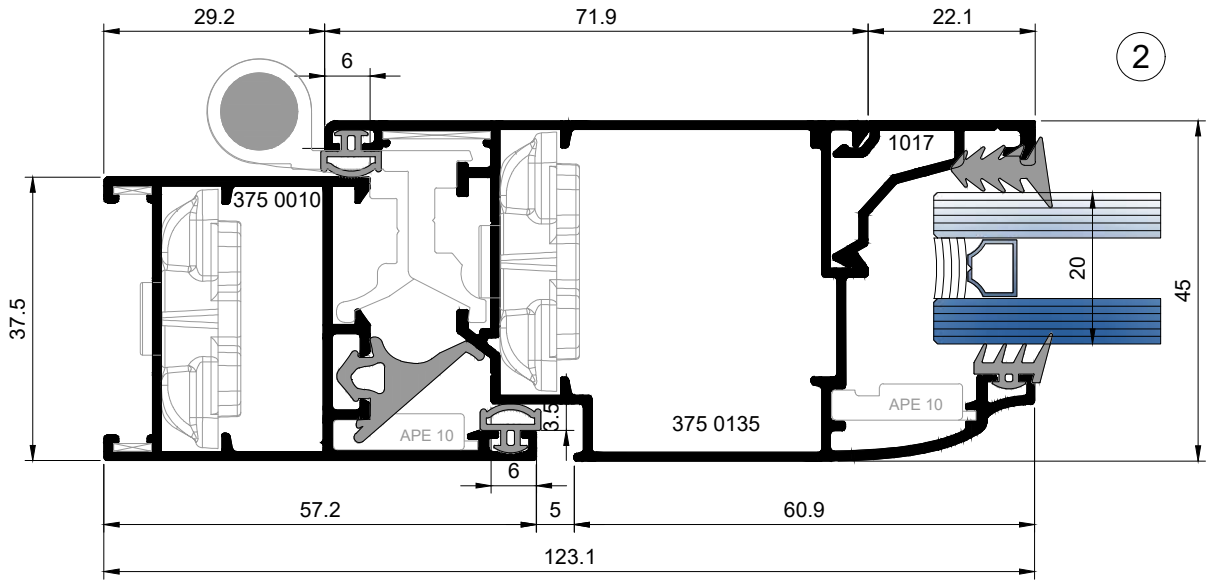
scale1:1

PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



inwards opening door



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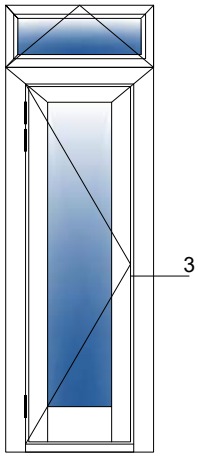
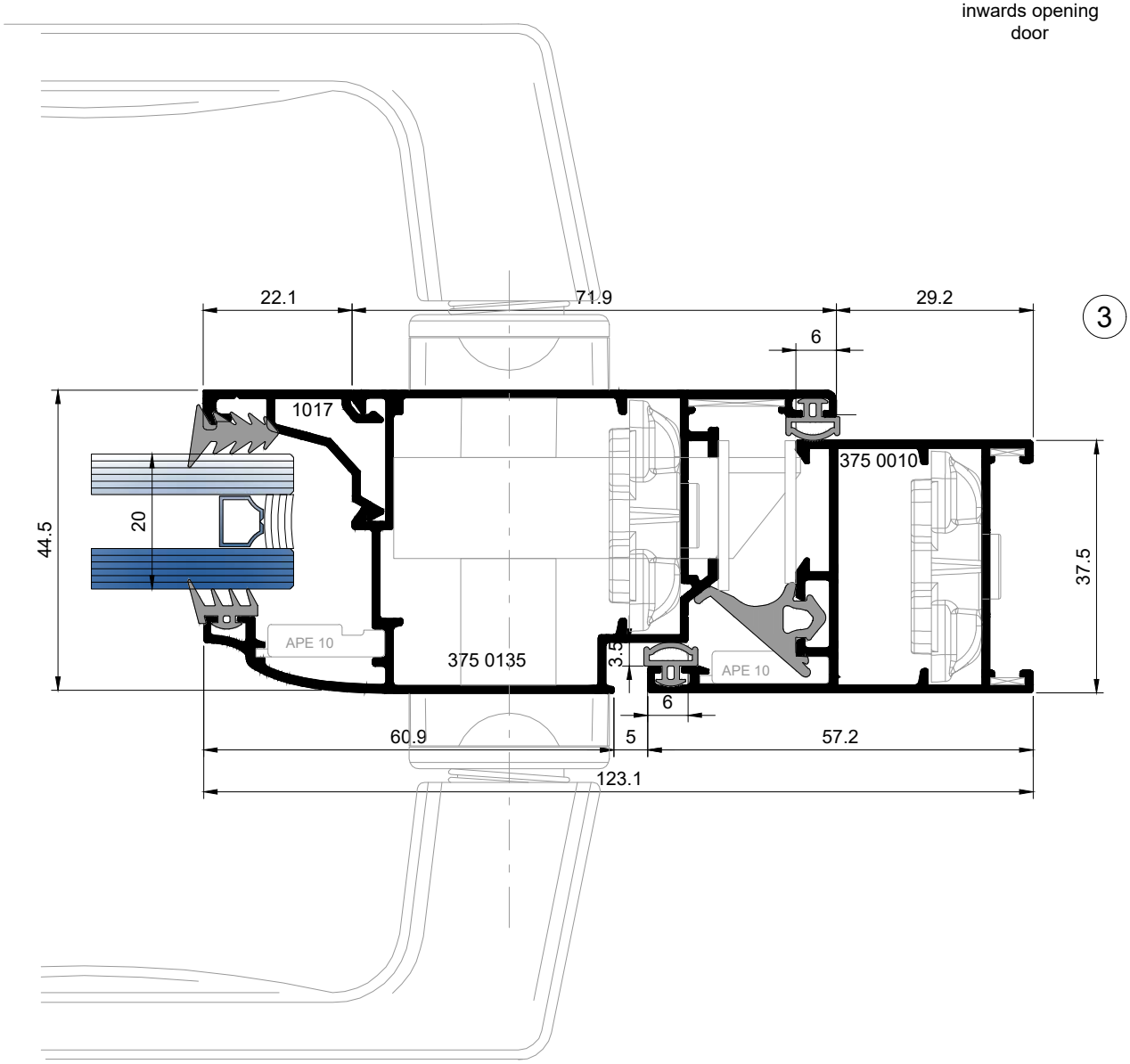


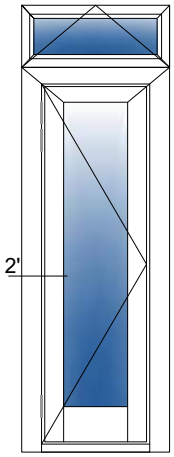
inwards opening
door



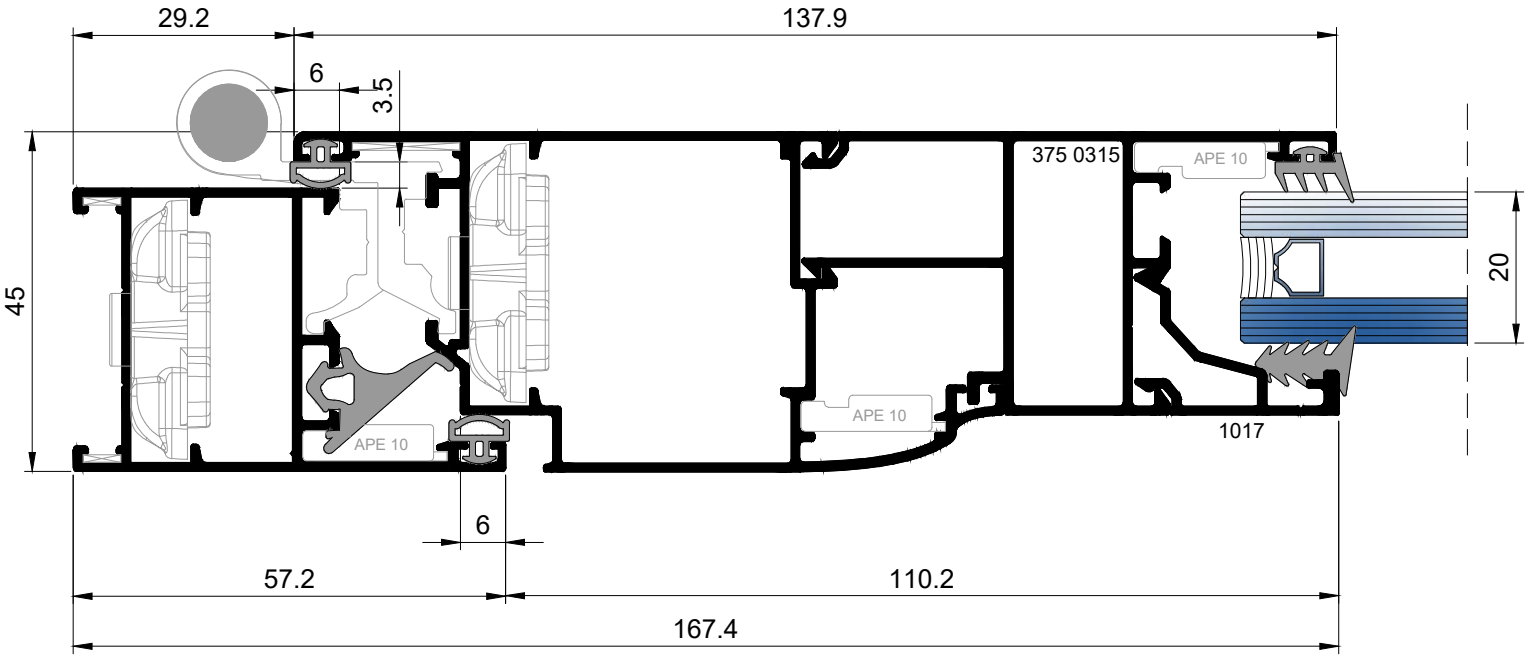
scale1:1

PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM



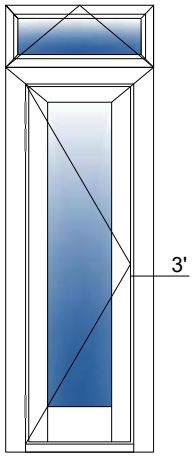
outwards opening door



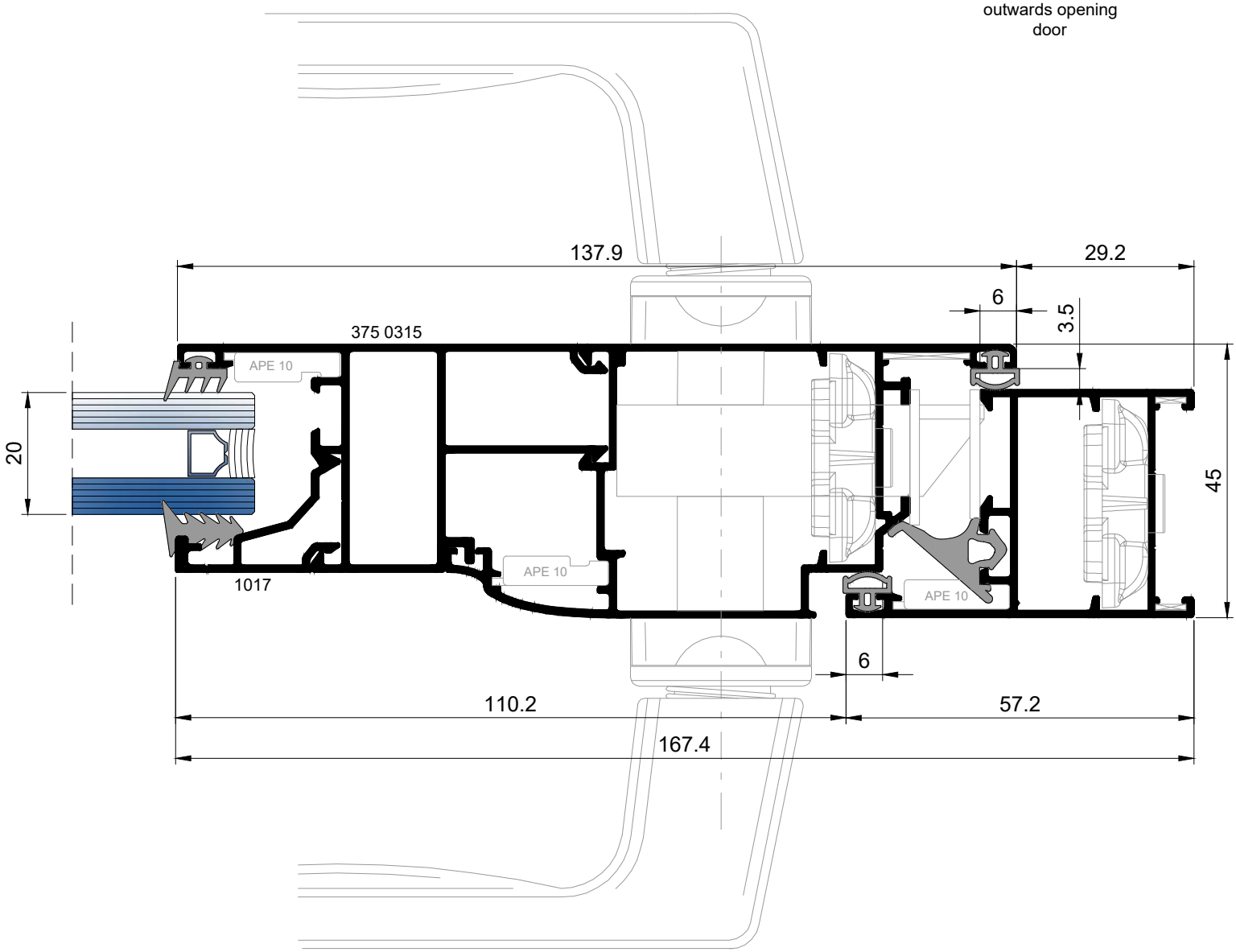
scale1:1

PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM



outwards opening door



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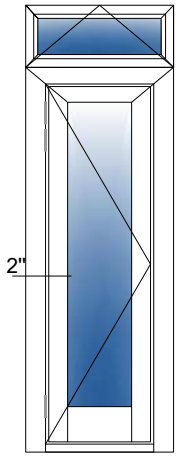
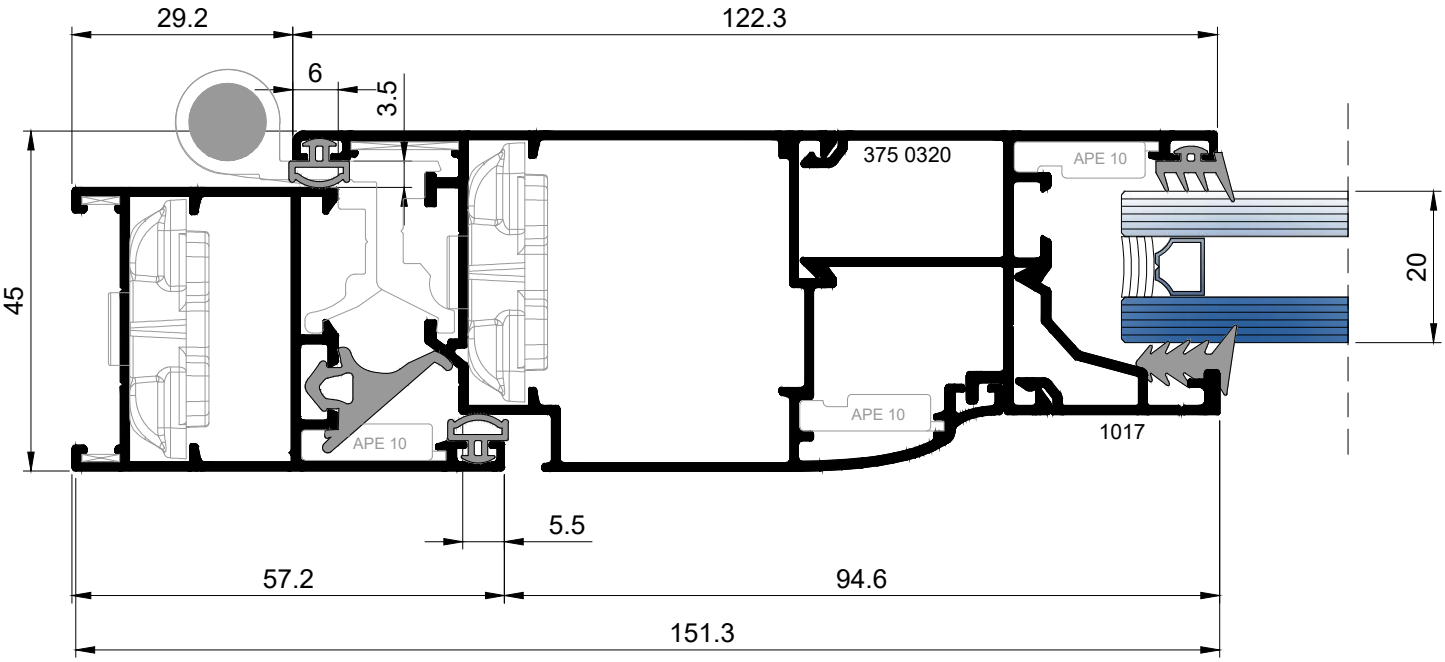
PONY Series

ALTEST
ALUMINIUM PROFILES SYSTEM



outwards opening door



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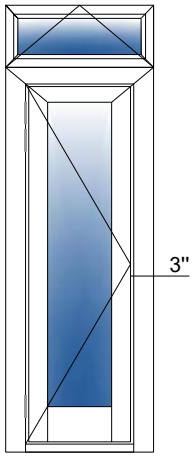
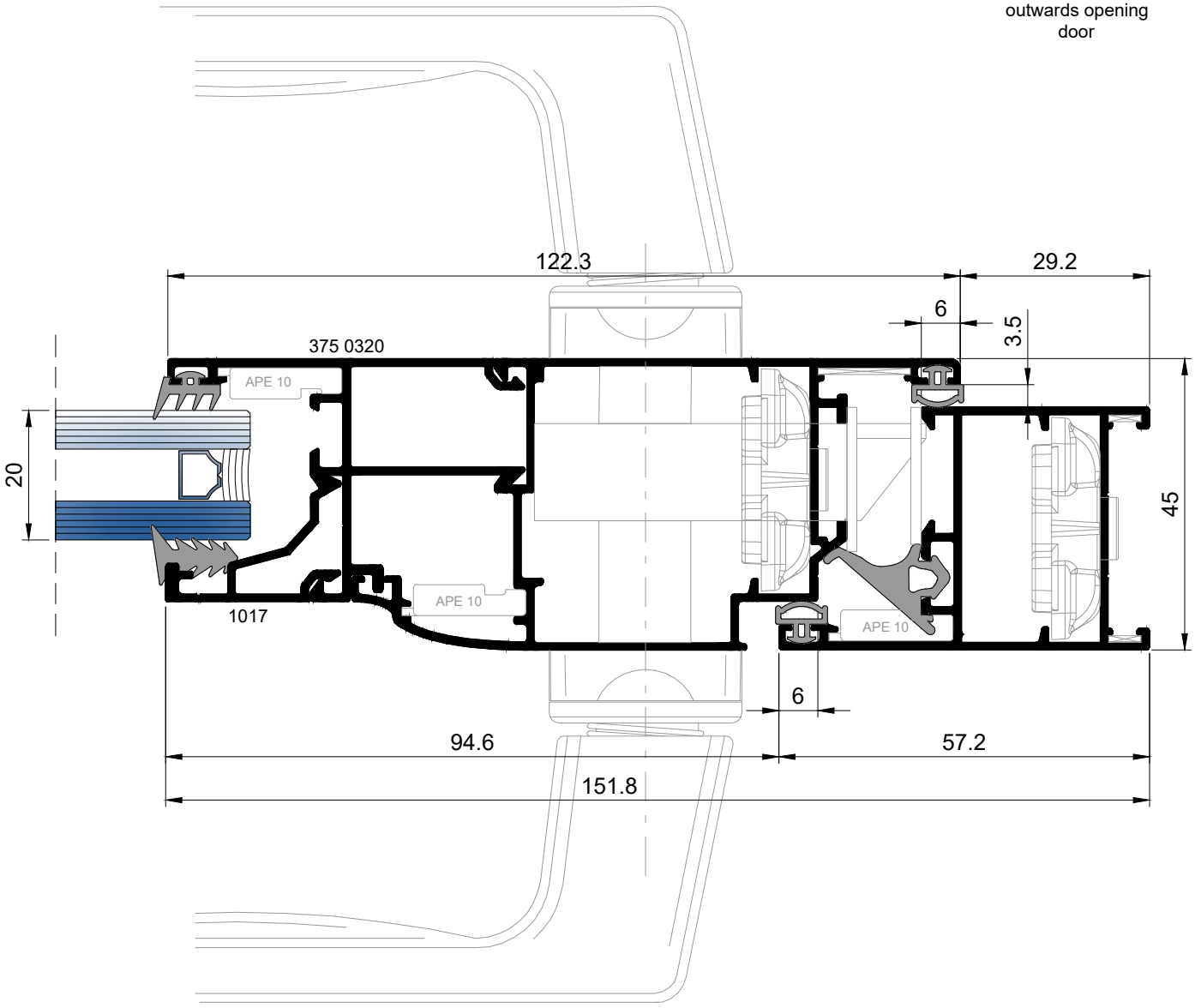
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



outwards opening door



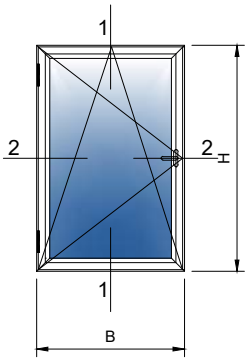
scale1:1

CUTTING ANALYSIS

PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

PROFILES		
FRAME	2pcs=B	
	2pcs=H	
SASH	2pcs=B-37.6 mm	
	2pcs=H-37.6 mm	
For frames:375 0005, 375 0006,375 0020,375 0040,375 0050		
GLASSHOLDER	2pcs=B-118.4 mm	
	2pcs=H-162.4 mm	
For frames:375 0005, 375 0006,375 0020,375 0040,375 0050 **For sashes**:375 0105,375 0125,375 0126		
GLASS	Glass width	BG=B-133.4 mm
	Glass height	HG=H-133.4 mm



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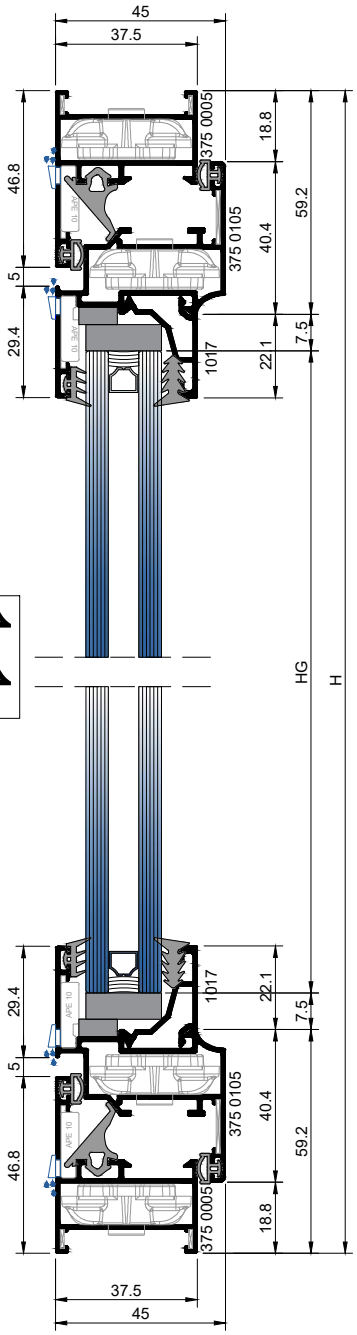
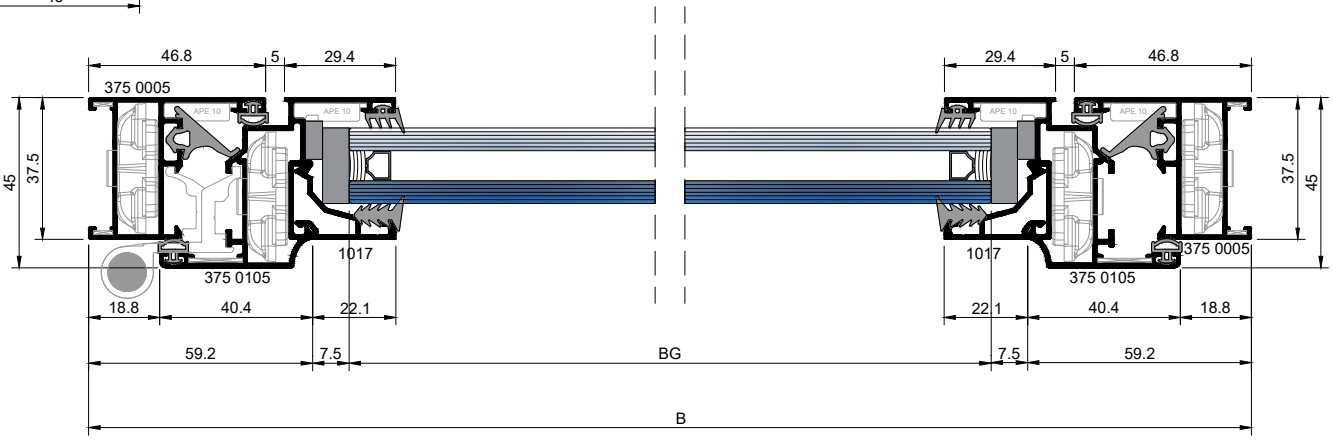


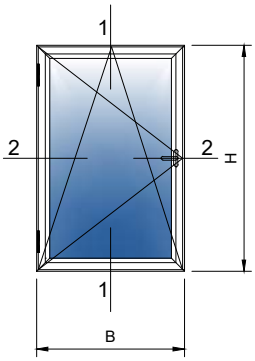
2-2

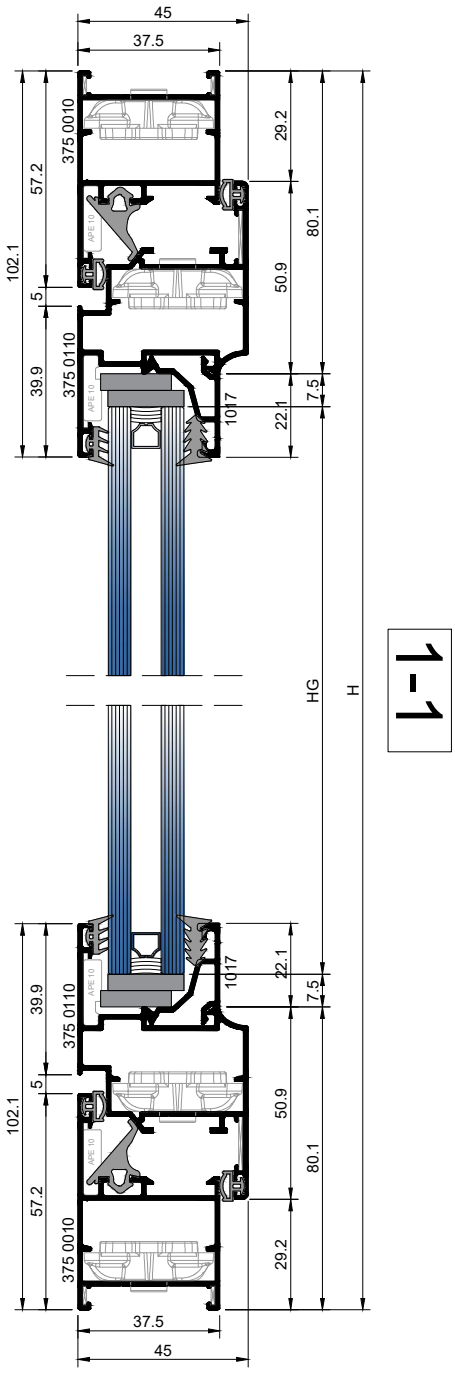


PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

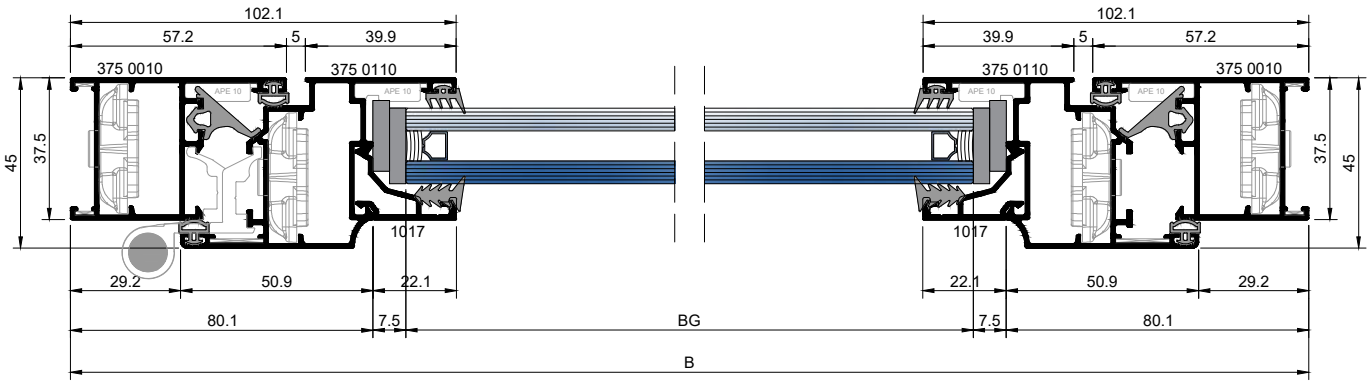
PROFILES		
FRAME	2pcs=B	
	2pcs=H	
SASH	2pcs=B-58.4 mm	
	2pcs=H-58.4 mm	
For frames:375 0010, 375 0035,375 0045,375 0055		
GLASSHOLDER	2pcs=B-160.2 mm	
	2pcs=H-204.2 mm	
For frames:375 0010, 375 0035,375 0045,375 0055 **For sashes**:375 0110,375 0130		
GLASS	Glass width	BG=B-175.2 mm
	Glass height	HG=H-175.2 mm





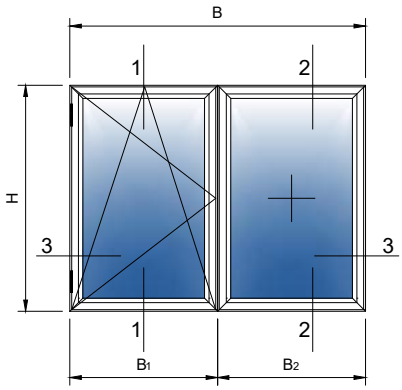
1-1

2-2

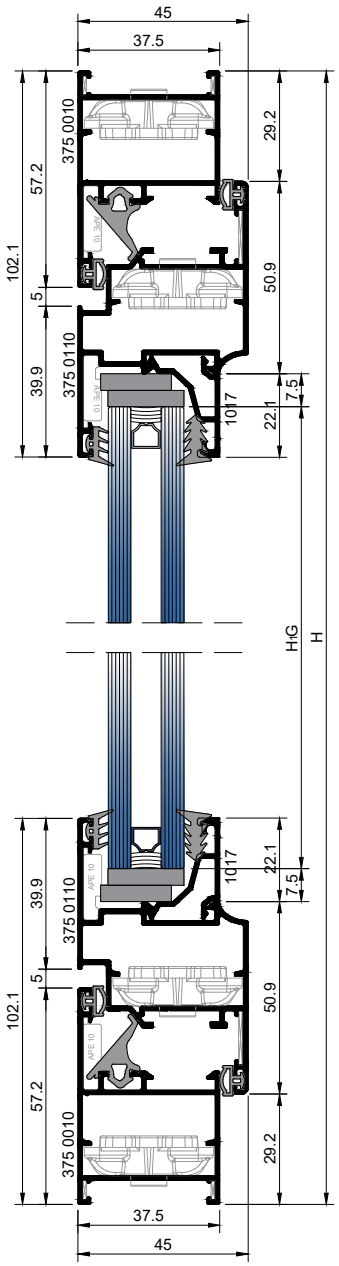


PONY Series

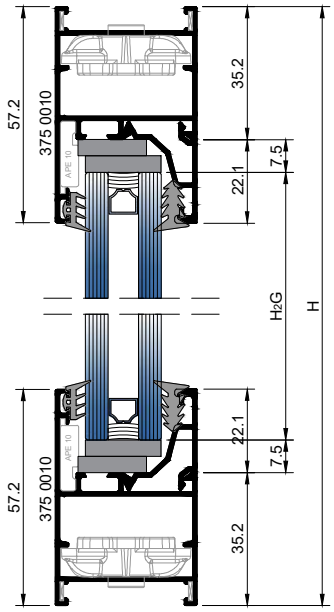
ALTEST ALUMINIUM PROFILES SYSTEM



PROFILES			
FRAME	2pcs=B		
	2pcs=H		
SASH	2pcs=B_1-37.7 mm*	* Only for 375 0210	
	2pcs=H-58.4 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASSHOLDER	2pcs=B_1-139.5 mm*	* Only for 375 0210	
	2pcs=H-204.2 mm		
	2pcs=B_2-49.7 mm*	* Only for 375 0210	
	2pcs=H-114.4 mm		
For frames:375 0010, 375 0035,375 0045,375 0055 **For sashes**:375 0110,375 0130			
GLASS	Glass width	$B_1G=B_1$-154.5 mm	
		$B_2G=B_2$-64.7 mm	
	Glass height	$H_1G=H$-175.2 mm	
		$H_2G=H$-85.4 mm	

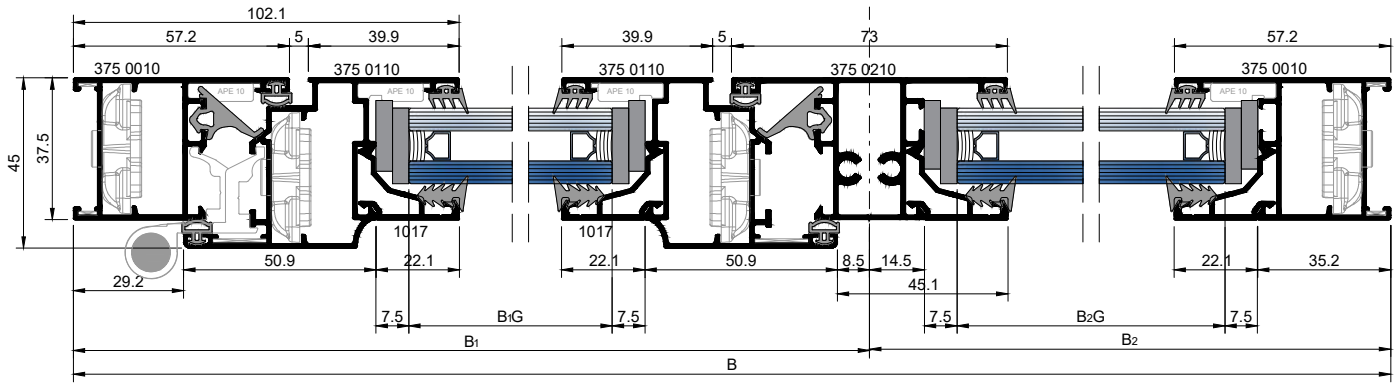


1-1



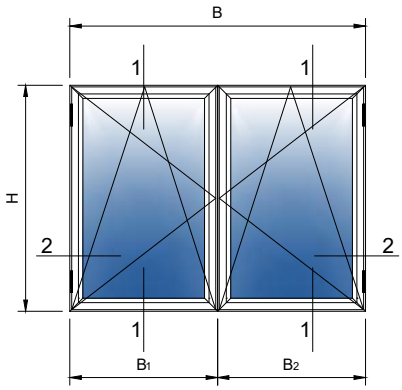
2-2

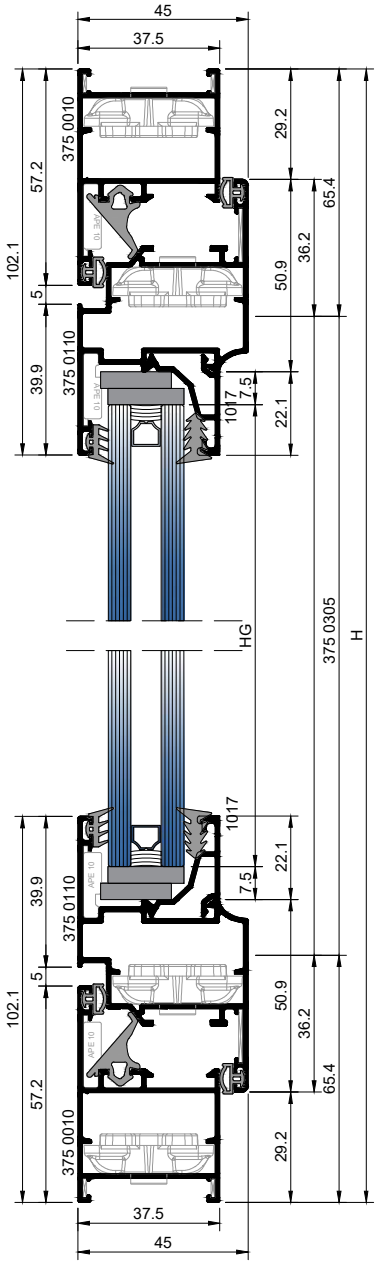
3-3



PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

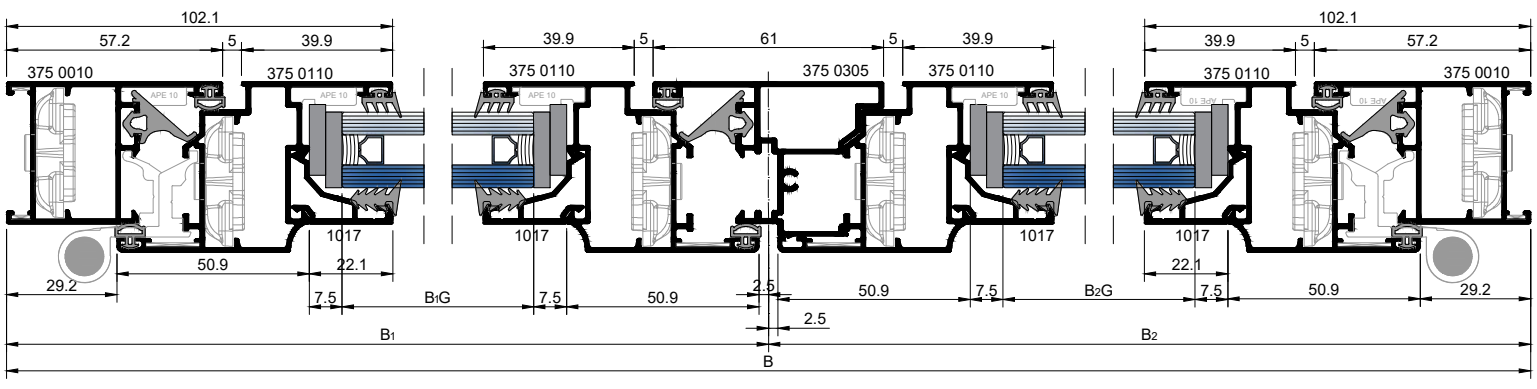




1-1

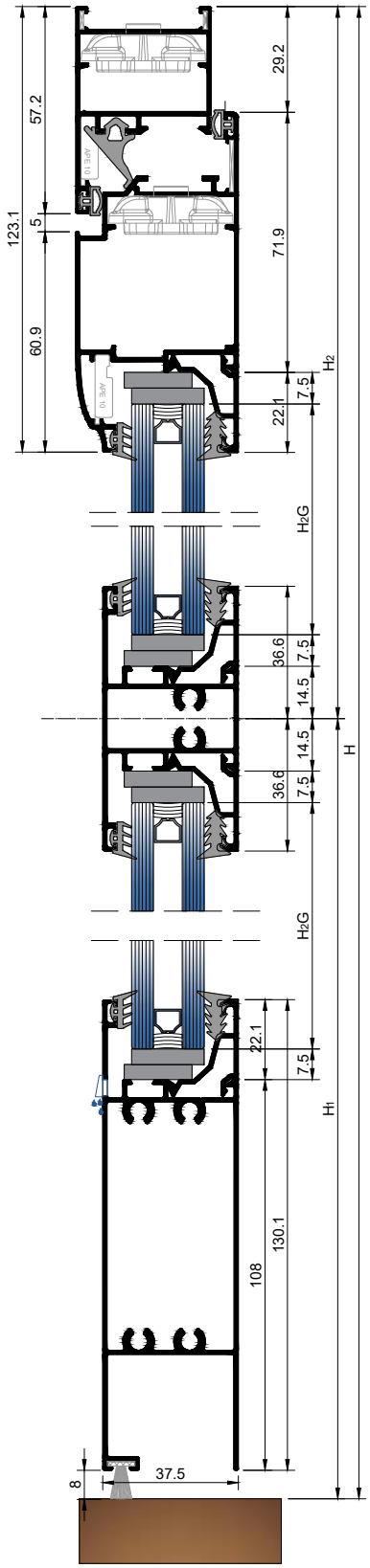
PROFILES			
FRAME	2pcs=B		
	2pcs=H		
SASH	2pcs=B_1-31.7 mm*	* also for 375 0310	
	2pcs=B_2-31.7 mm*	* also for 375 0310	
	4pcs=H-58.4 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASSHOLDER	2pcs=B_1-133.5 mm*	* also for 375 0310	
	4pcs=H-204.2 mm		
	2pcs=B_2-133.5mm*	* also for 375 0310	
For frames:375 0010, 375 0035,375 0045,375 0055 **For sashes**:375 0110,375 0130			
OVERHUNG	1pcs=H-130.8 mm*	* also for 375 0310	
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASS	Glass width		$B_1G=B_1$-148.5 mm
			$B_2G=B_2$-148.5 mm
	Glass height		HG=H-175.2 mm

2-2

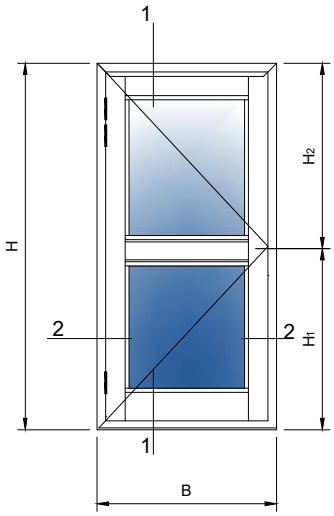


PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM

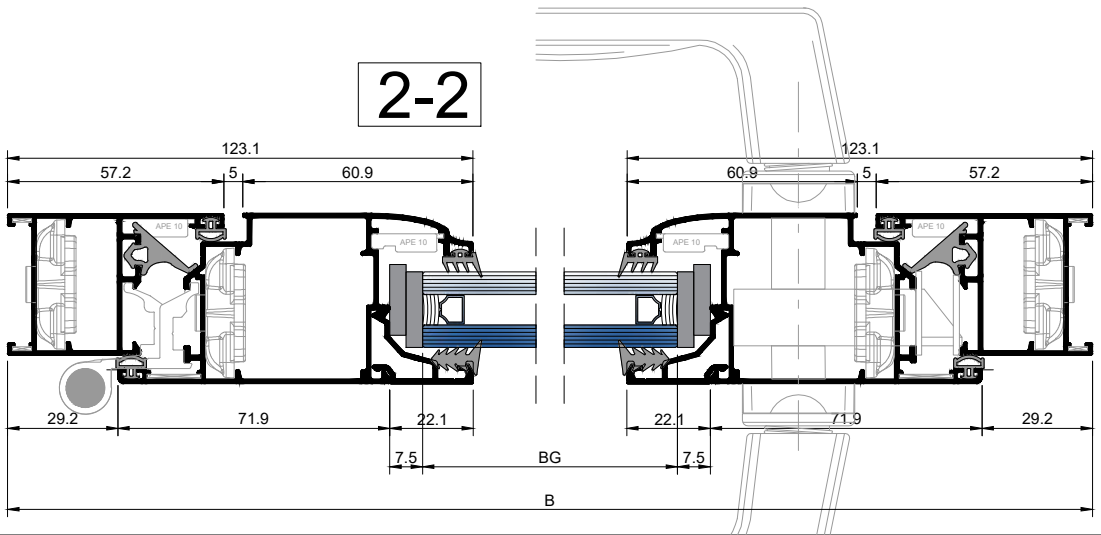


1-1



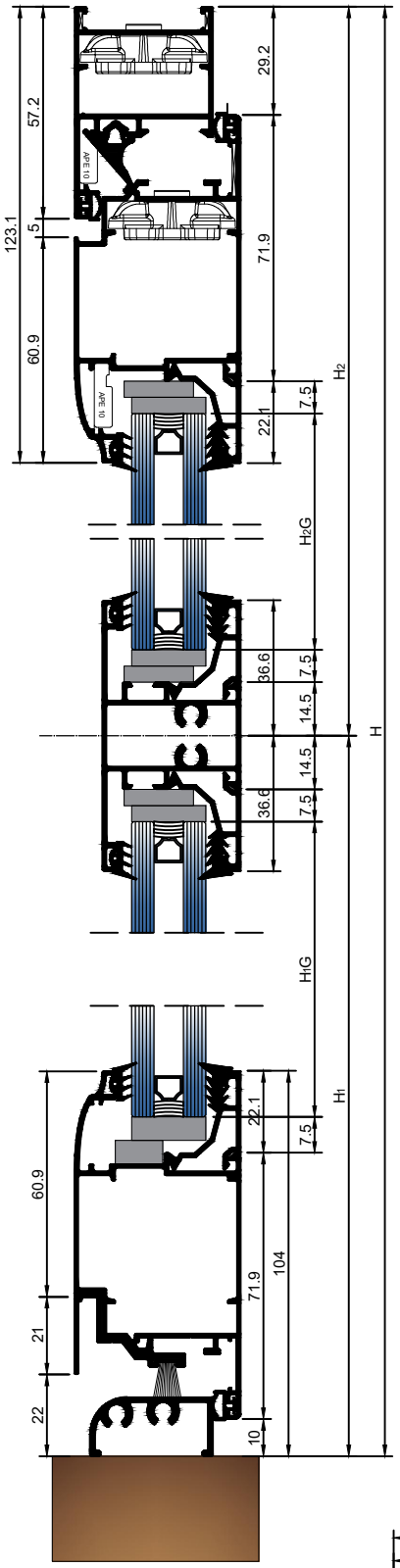
PROFILES			
FRAME	1pcs=B		
	2pcs=H		
SASH	1pcs=B-58.4 mm		
	2pcs=H-37.2 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASSHOLDER	4pcs=B-202.2 mm		
	2pcs=H_1-174.7 mm*	*only for 375 0210	
	2pcs=H_2-159.8 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
MULLION	1pcs=B-202.2 mm		
BOARD FOR DOOR	1pcs=B-202.2 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASS	Glass width	BG=B-217.2mm	
	Glass height	$H_1G=H_1$-145.5 mm	
		$H_2G=H_2$-130.6 mm	

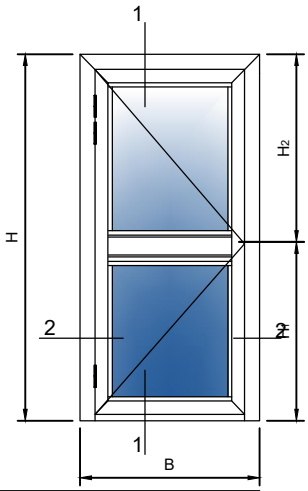
2-2



PONY Series

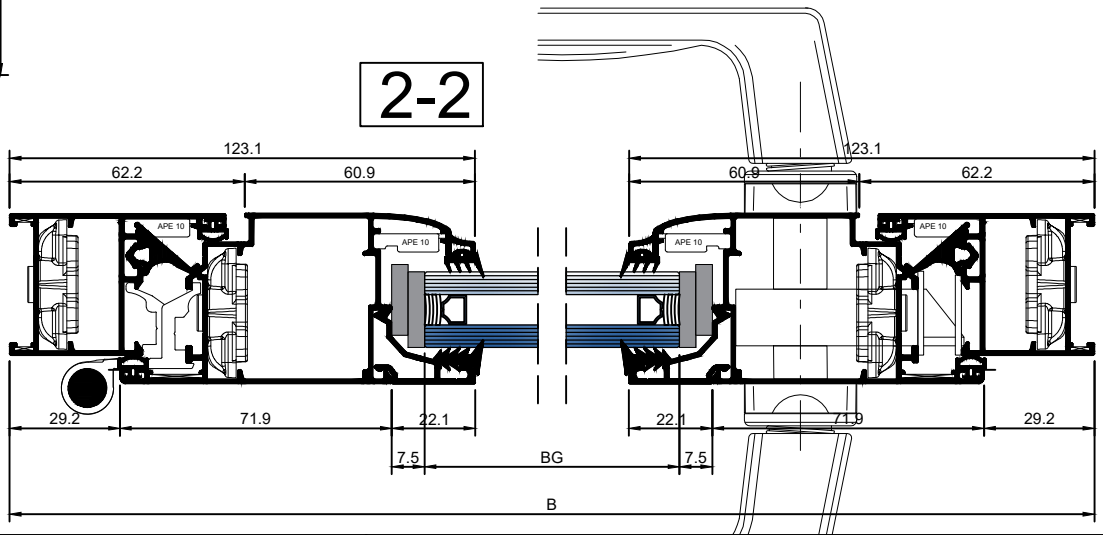
ALTEST
ALUMINIUM PROFILES SYSTEM





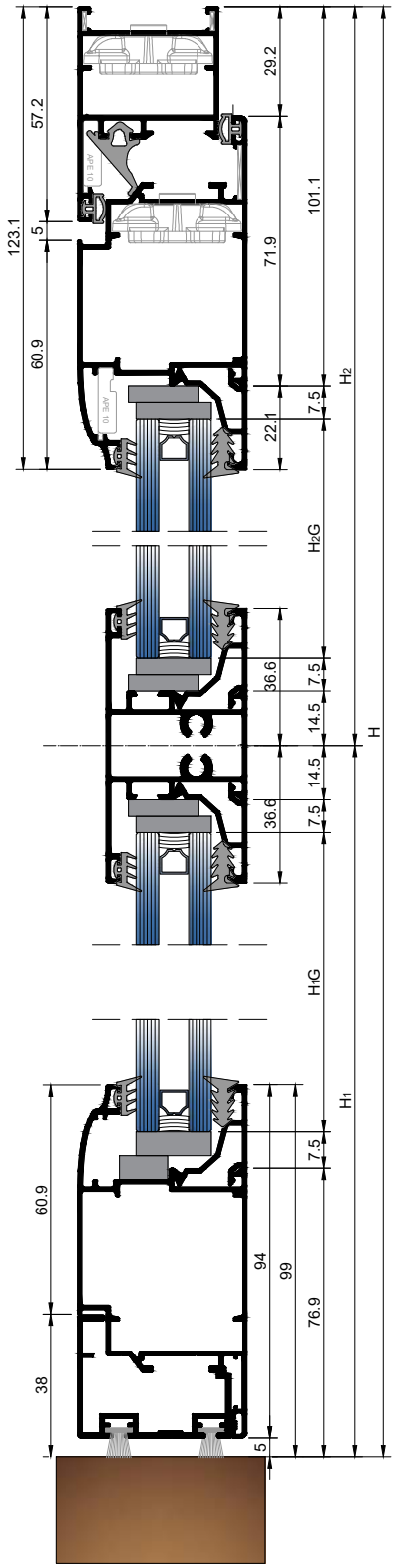
PROFILES			
FRAME	1pcs=B		
	2pcs=H		
SASH	2pcs=B-58.4 mm		
	2pcs=H-39.2 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASSHOLDER	4pcs=B-202.2 mm		
	2pcs=H_1-140.6 mm*	*only for 375 0210	
	2pcs=H_2-159.8 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
MULLION	1pcs=B-202.2 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
ADDITION FOR DOOR with cap	1pcs=B-137 mm	375 0360	
For frames:375 0010, 375 0035,375 0045,375 0055			
DOOR-SILL	1pcs=B-58.4 mm	375 0365 without cap	
	1pcs=B-78 mm	375 0365 with cap	
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASS	Glass width	BG=B-217.2mm	
	Glass height	$H_1G=H_1$-111.4 mm	
		$H_2G=H_2$-130.6 mm	

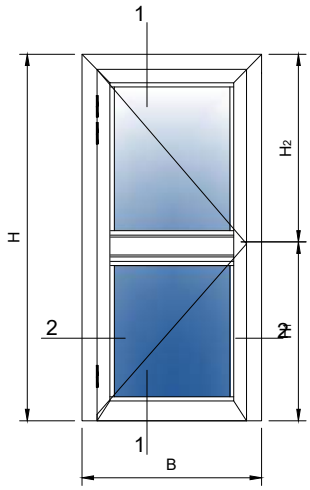
2-2



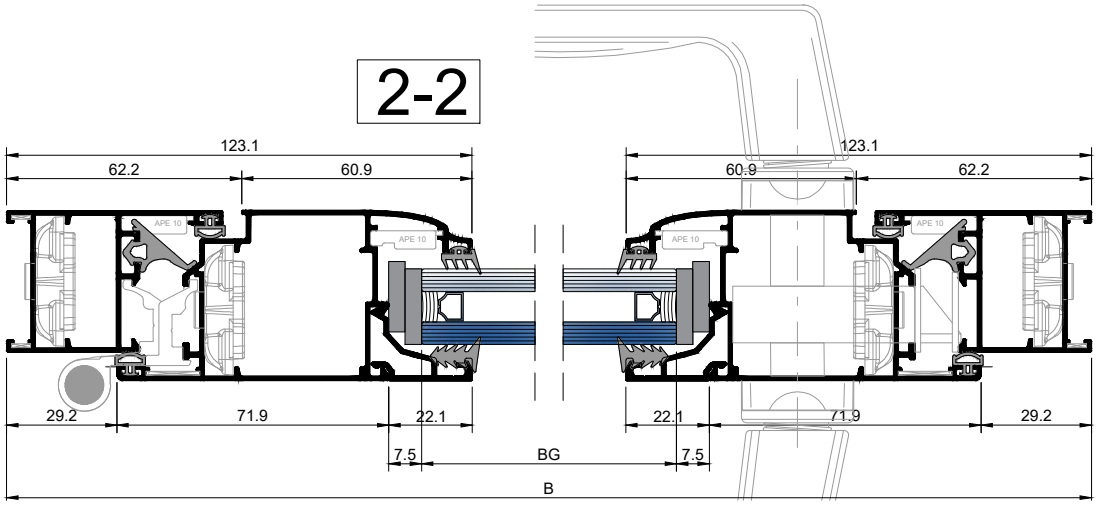
PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



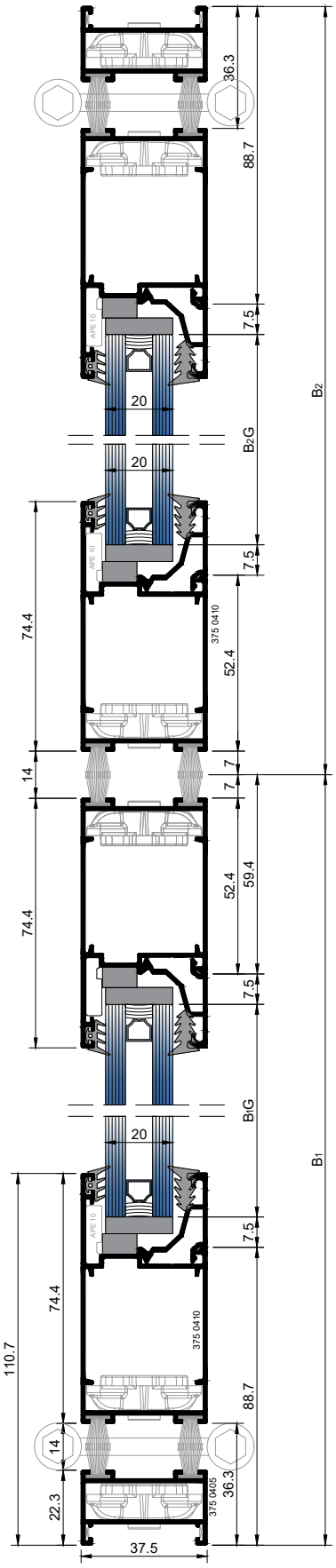


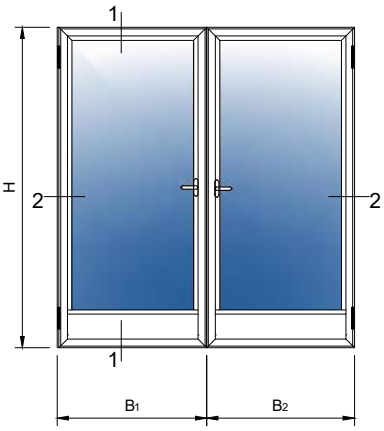
PROFILES			
FRAME	1pcs=B		
	2pcs=H		
SASH	2pcs=B-58.4 mm		
	2pcs=H-34.2 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASSHOLDER	4pcs=B-202.2 mm		
	2pcs=H_1-135.6 mm*	*only for 375 0210	
	2pcs=H_2-159.8 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
MULLION	1pcs=B-202.2 mm		
For frames:375 0010, 375 0035,375 0045,375 0055			
ADDITION FOR DOOR	1pcs=B-124.4 mm	375 0361 without cap	
For frames:375 0010, 375 0035,375 0045,375 0055			
GLASS	Glass width	BG=B-217.2mm	
	Glass height	$H_1G=H_1$-106.4 mm	
		$H_2G=H_2$-130.6 mm	

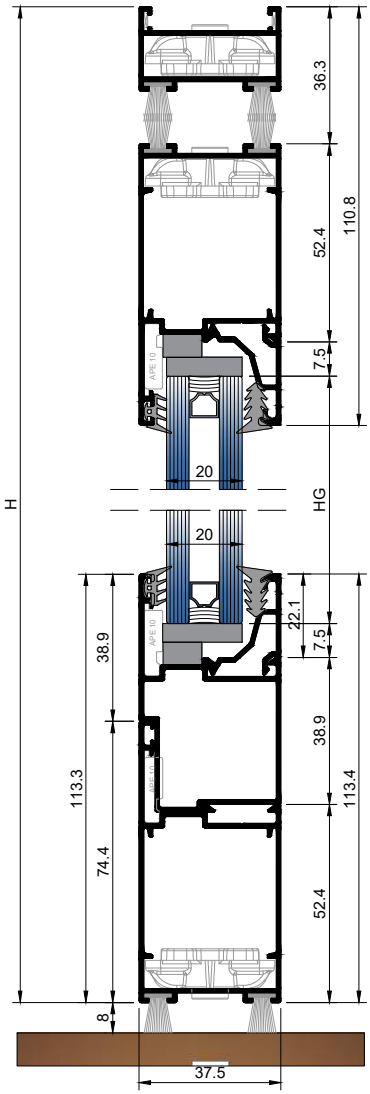


PONY Series

ALTEST ALUMINIUM PROFILES SYSTEM



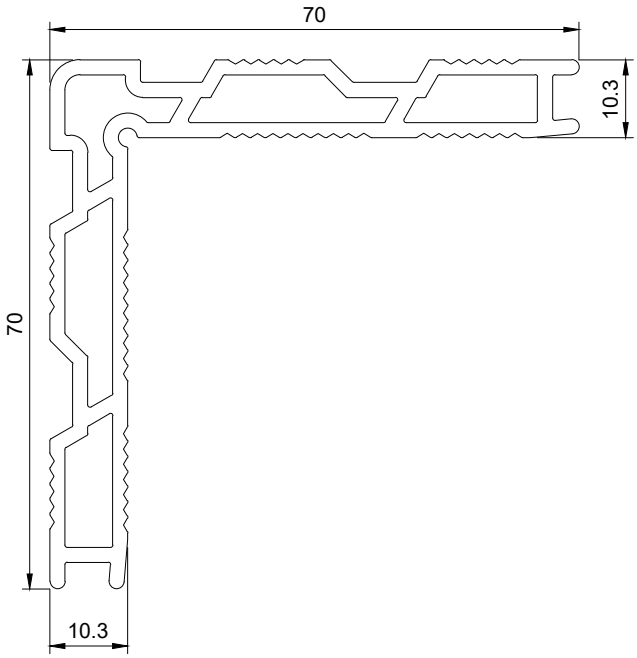




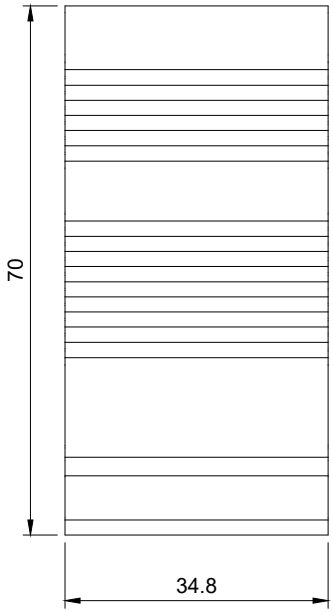
PROFILES		
FRAME	1pcs=B	
	2pcs=H	
SASH	2pcs=B_1-43.3 mm	
	2pcs=B_2-43.3 mm	
	4pcs=H-44.3 mm	
GLASSHOLDER	2pcs=B_1-148.1mm	
	2pcs=B_2-148.1 mm*	
	4pcs=H-244.2 mm	
ADDITION	2pcs=B_1-148.1mm	
	2pcs=B_1-148.1mm	
GLASS	Glass width	$B_1G=B_1$-163.1mm
		$B_2G=B_2$-163.1mm
	Glass height	HG=H-203 mm

3D DETAILS

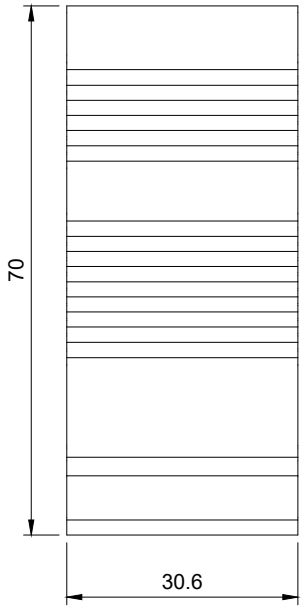
press corners for crimping machine



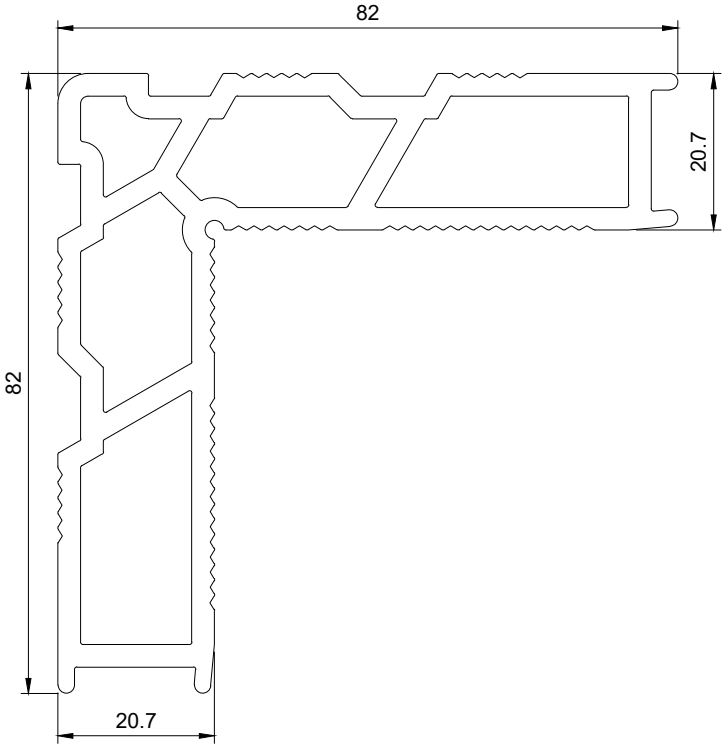
APE 1030
Dimensions:
70x10.3x34.8

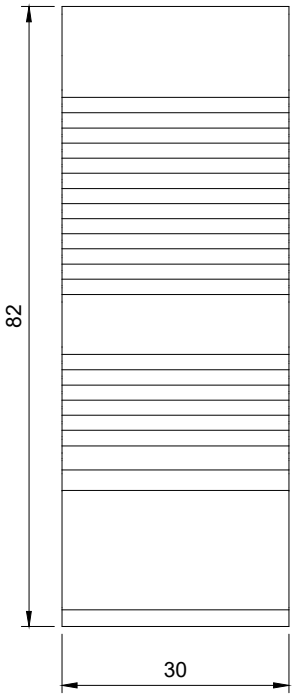


APE 1031
Dimensions:
70x10.3x30.6



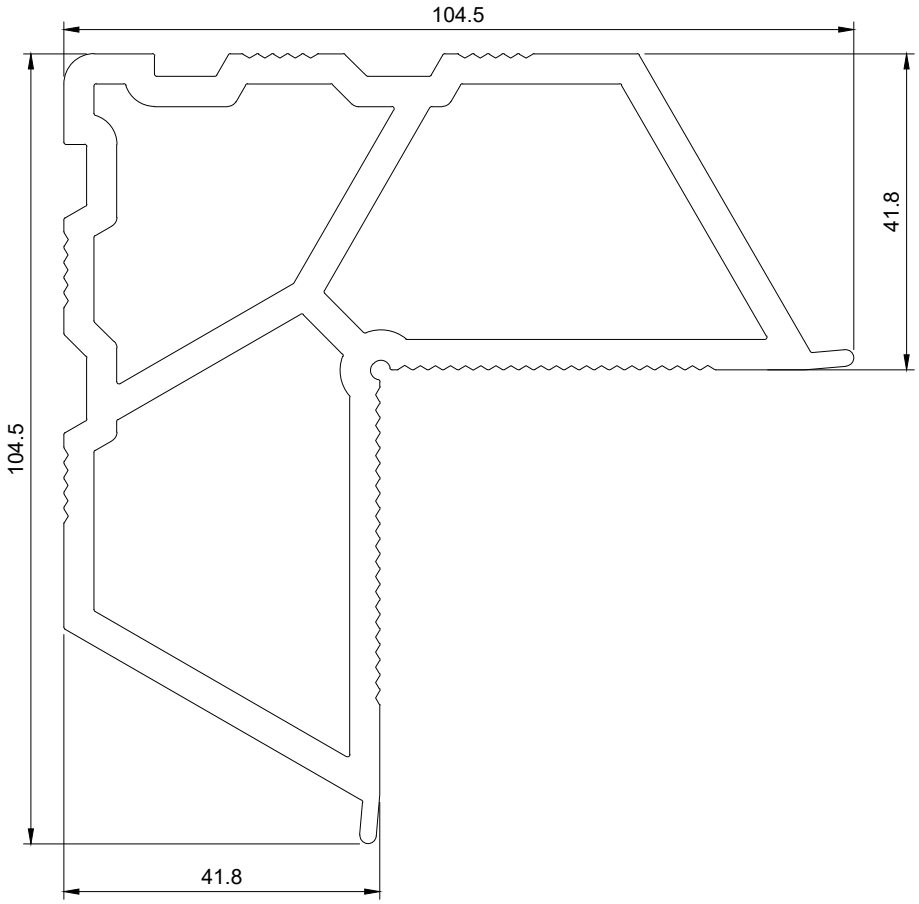
APE 2070
Dimensions:
82x20.7x30

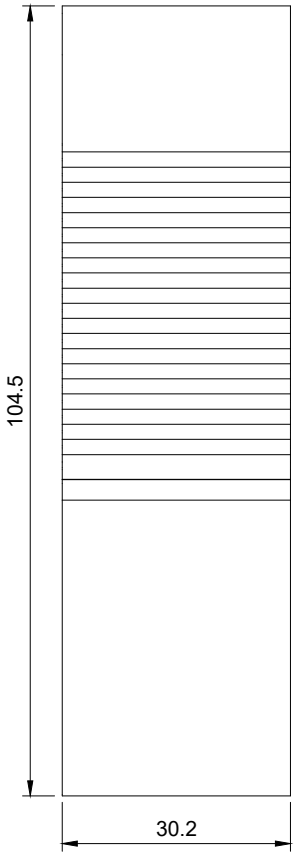




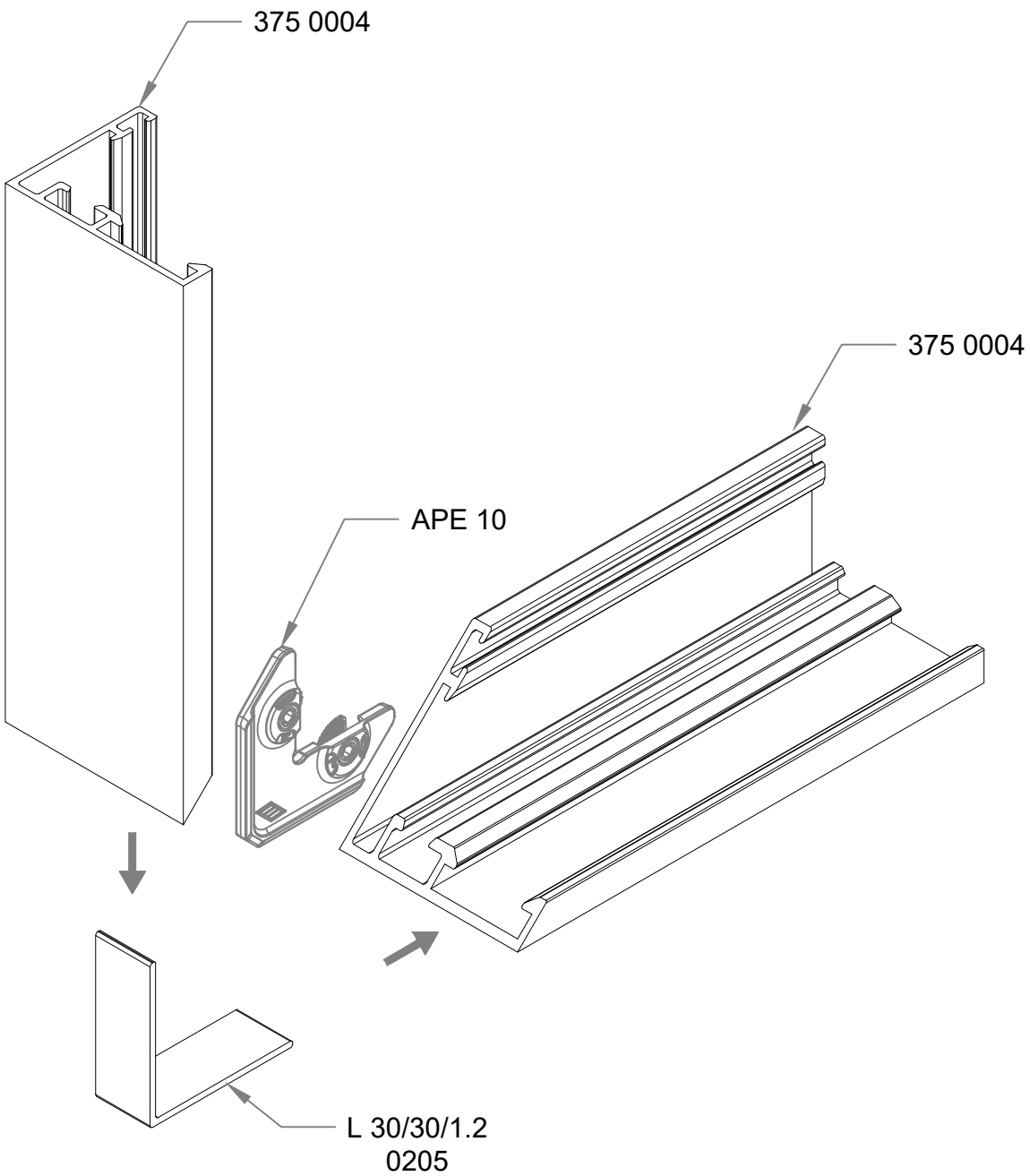
press corners for crimping machine

APE 4180
Dimensions:
104.5x41.8x30.2

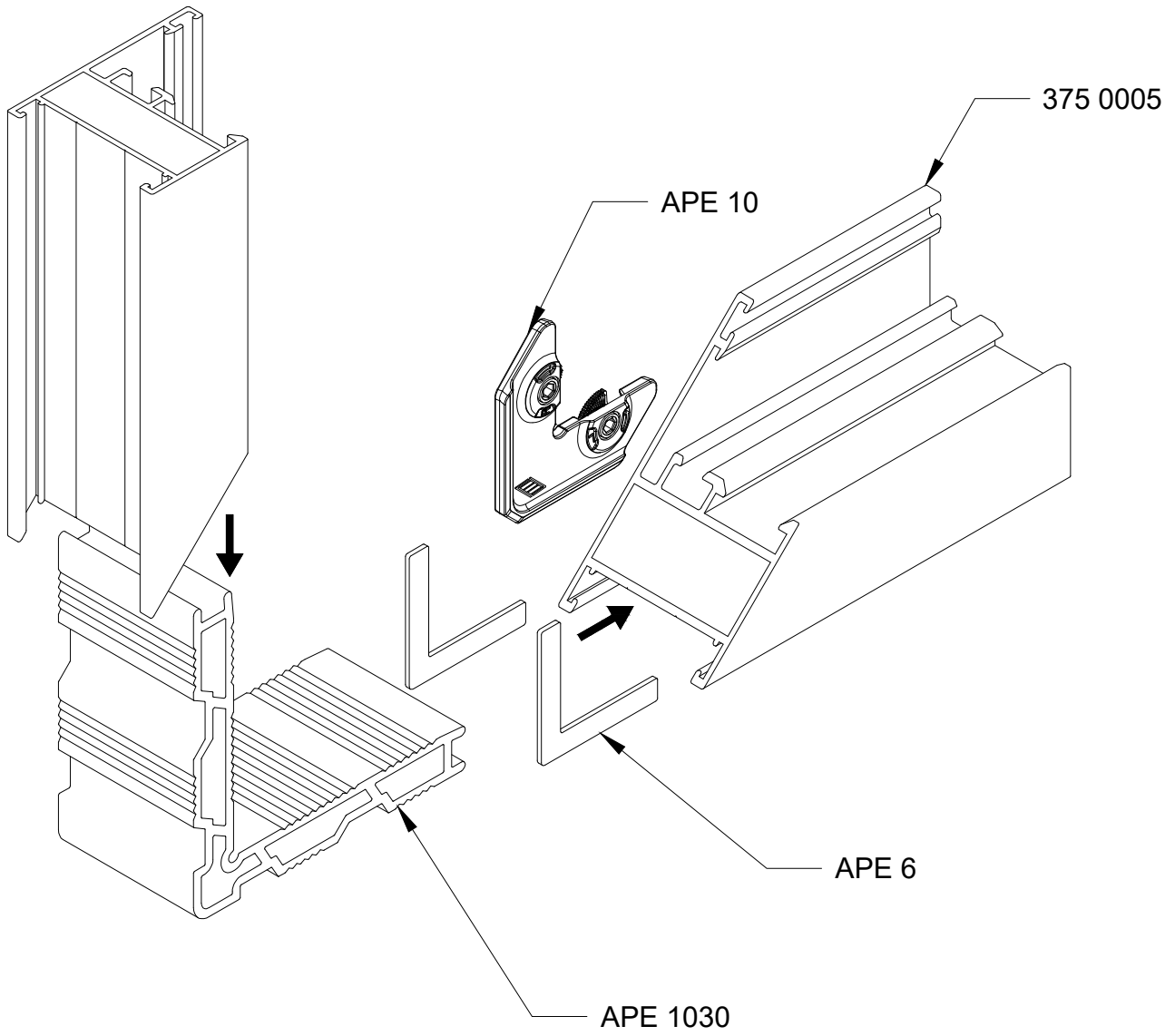




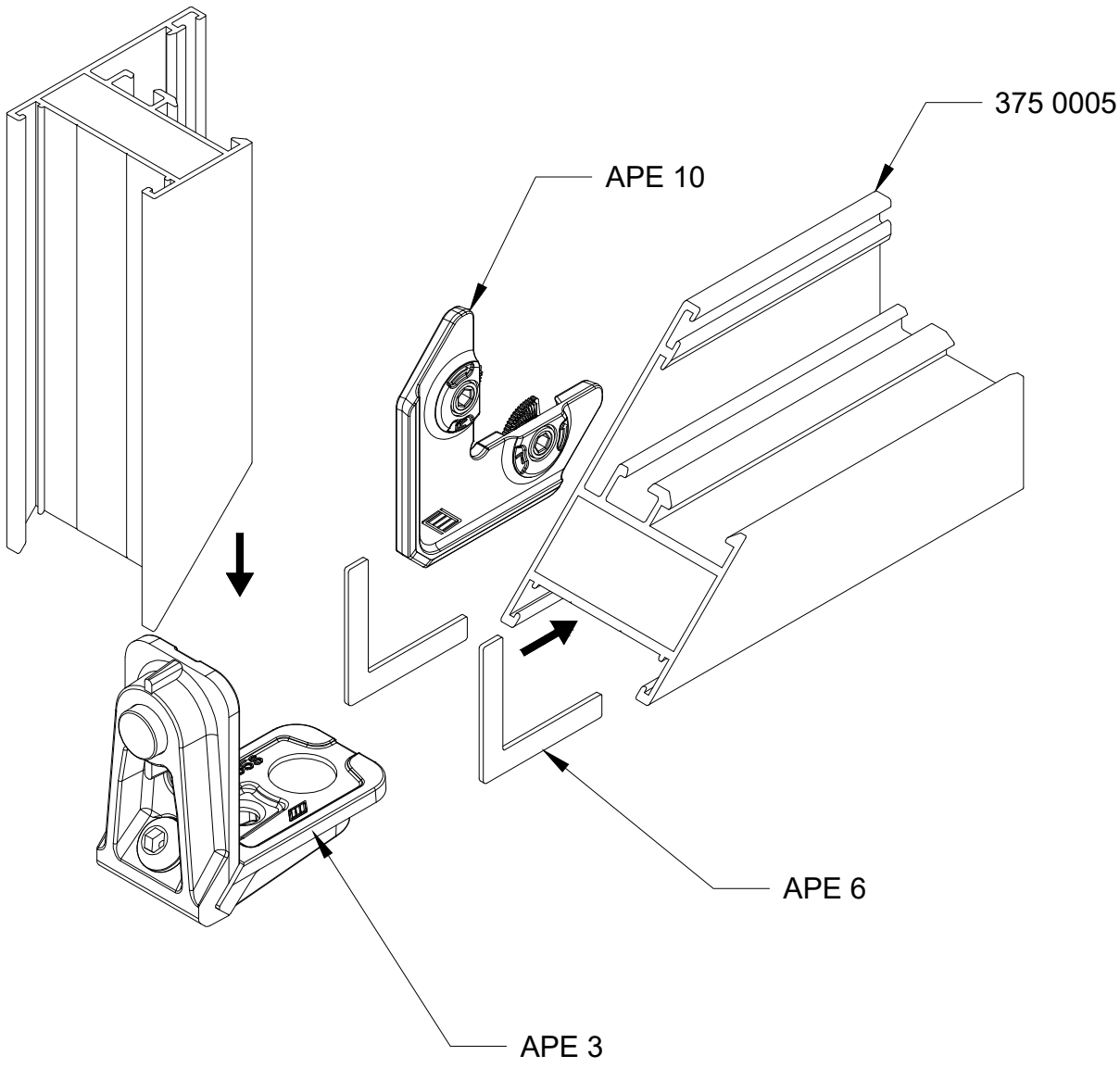
corner connection 375 0004 frame with press corner



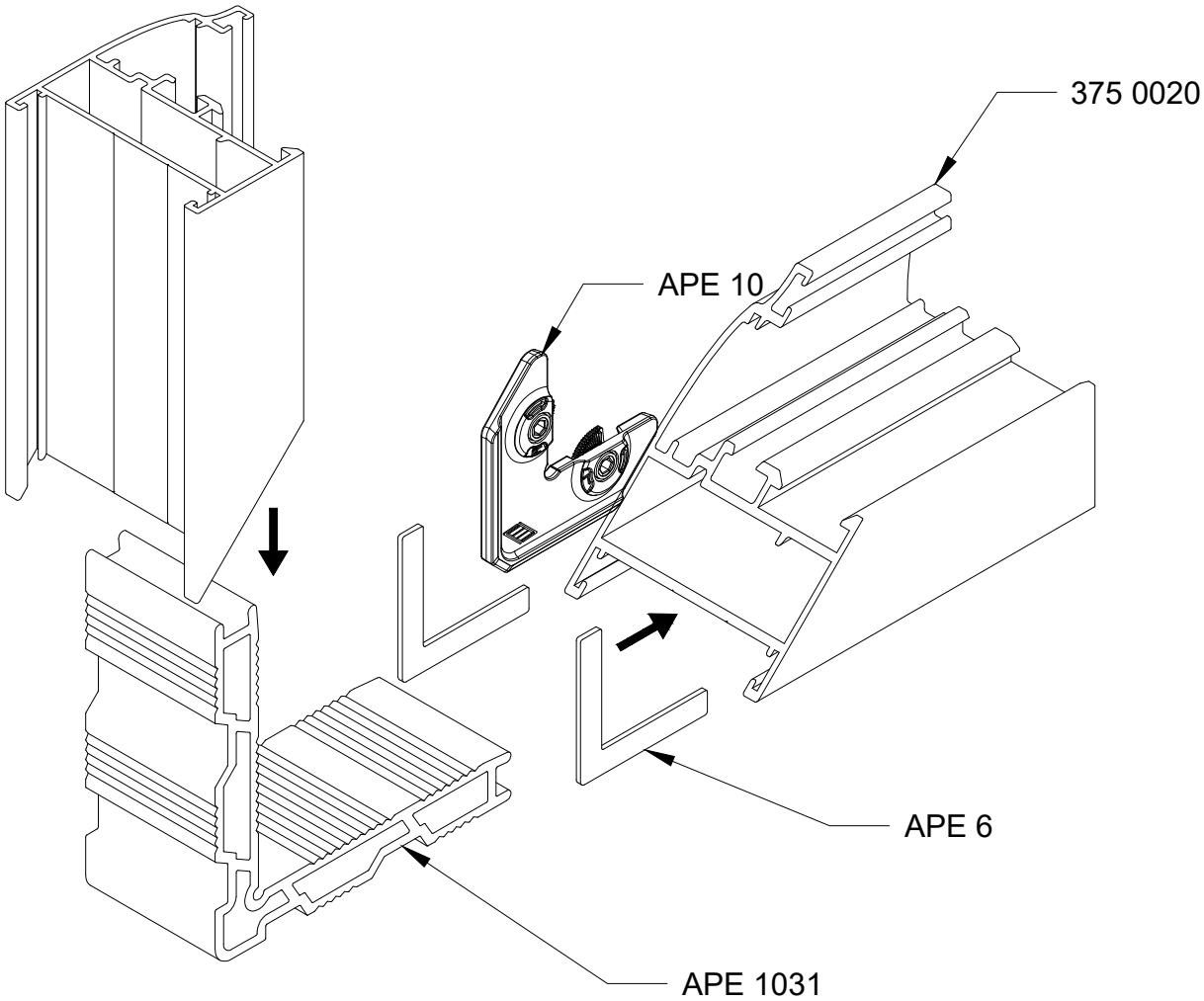
corner connection 375 0005 frame with press corner



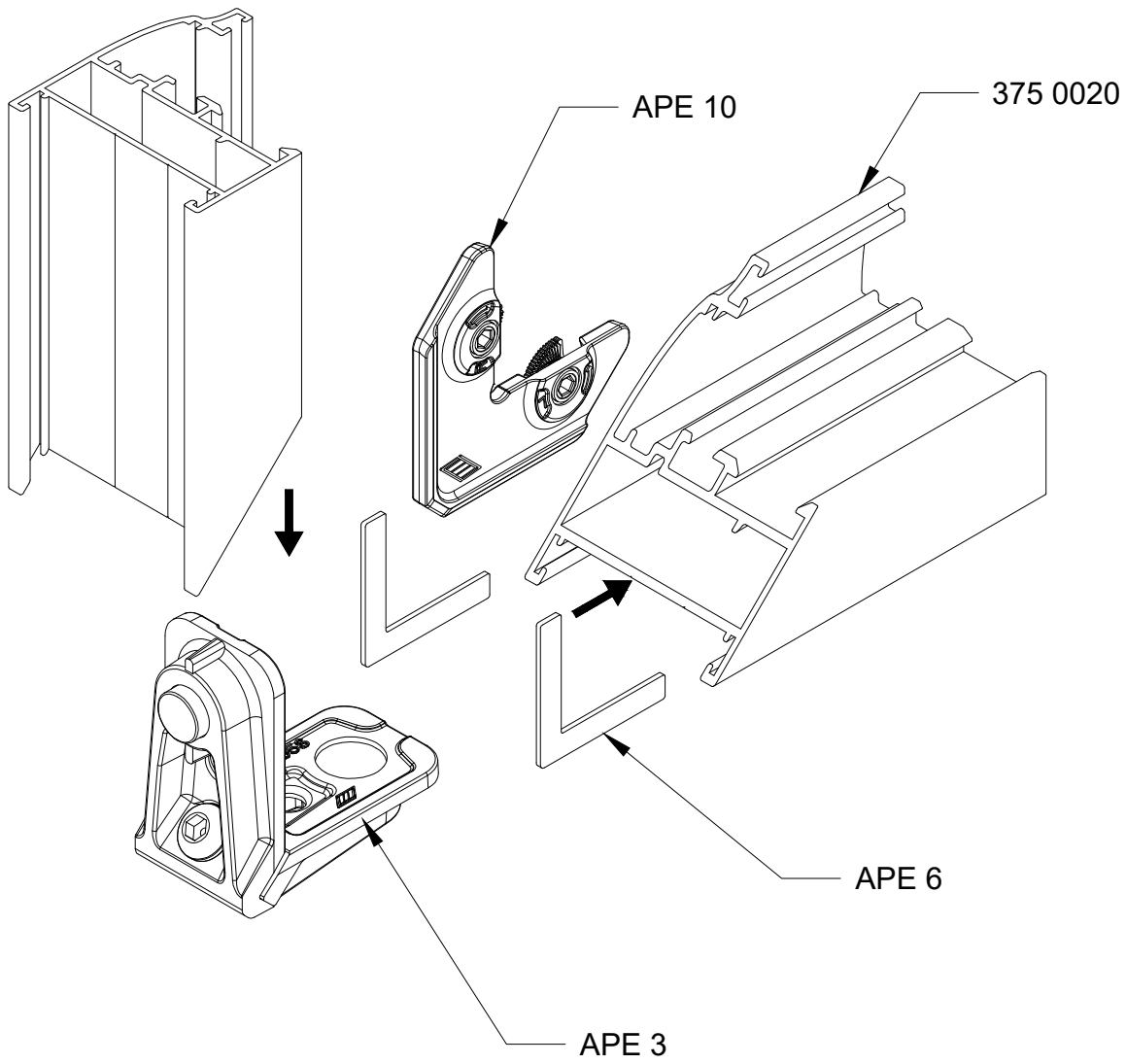
corner connection 375 0005 frame with mechanical corner



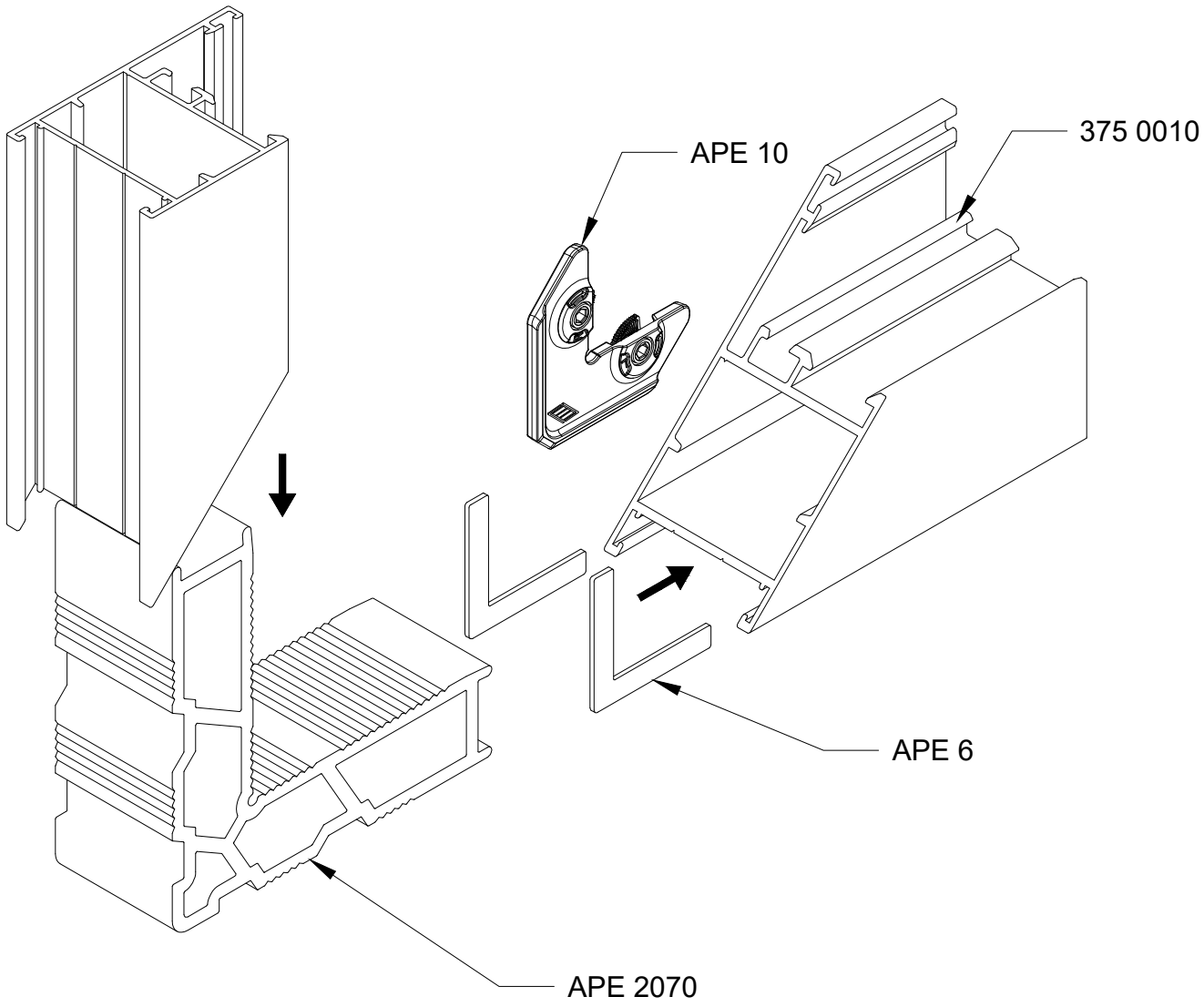
corner connection 375 0020 frame with press corner



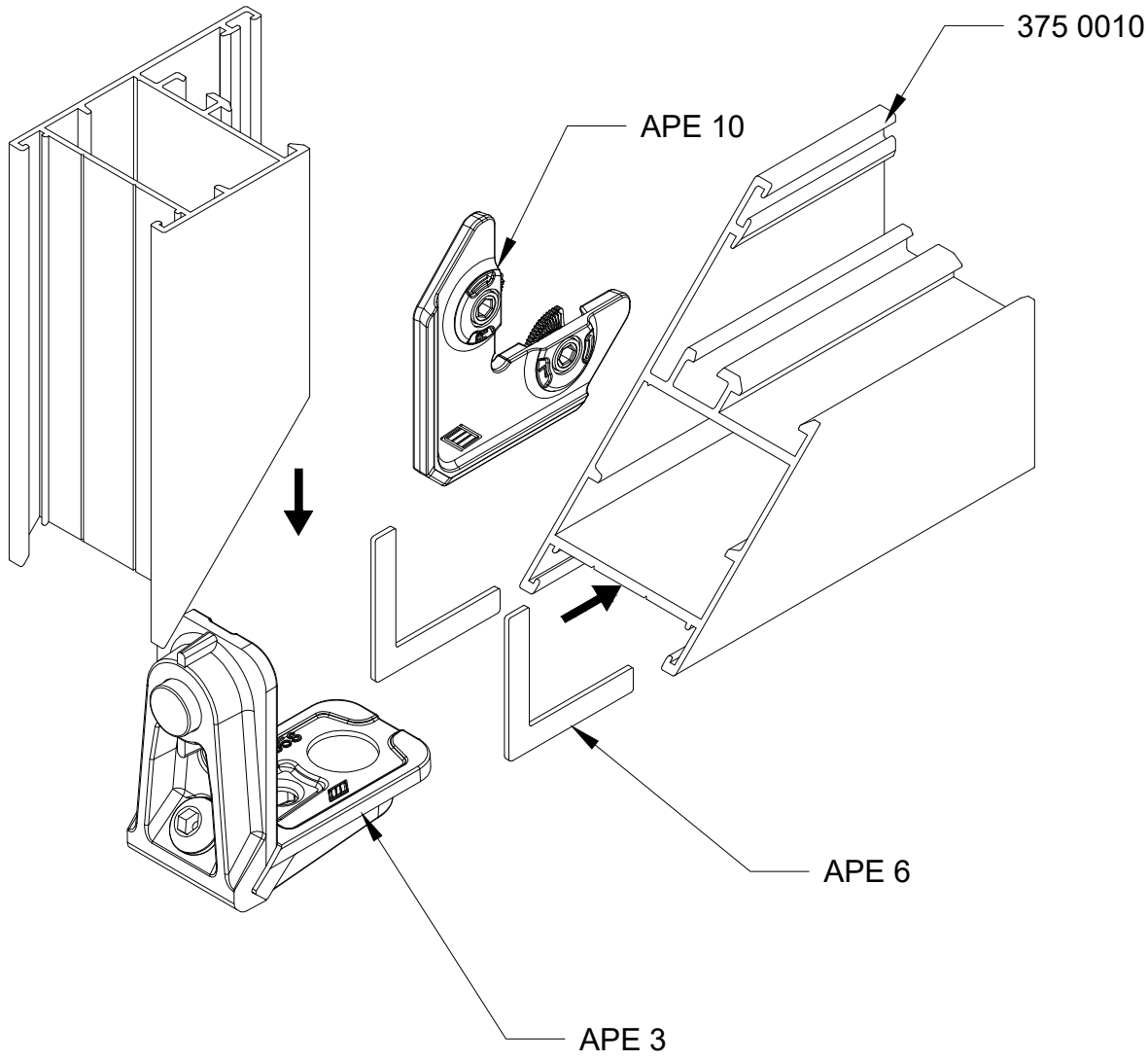
corner connection 375 0020 frame with mechanical corner



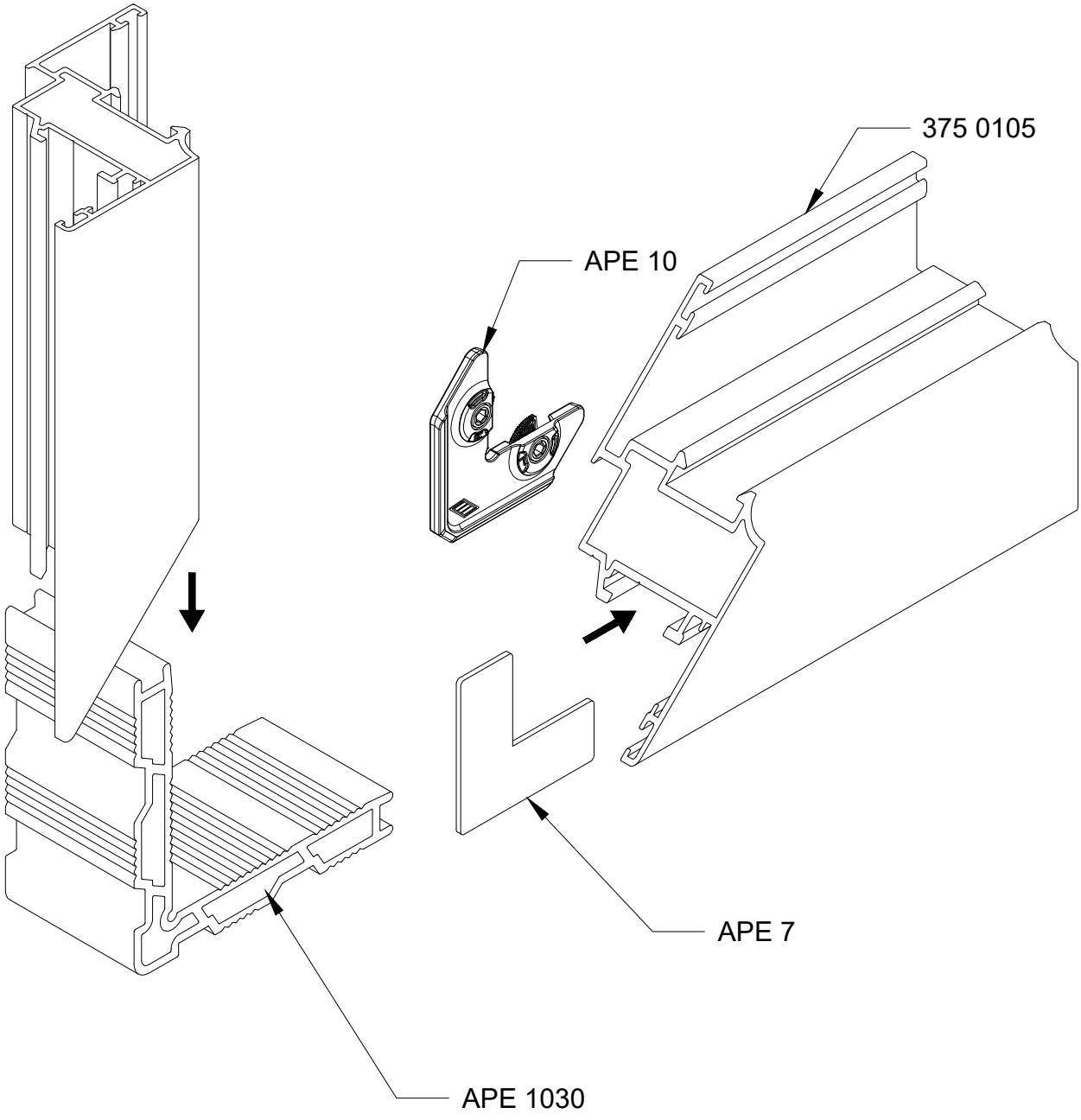
corner connection 375 0010 frame with press corner



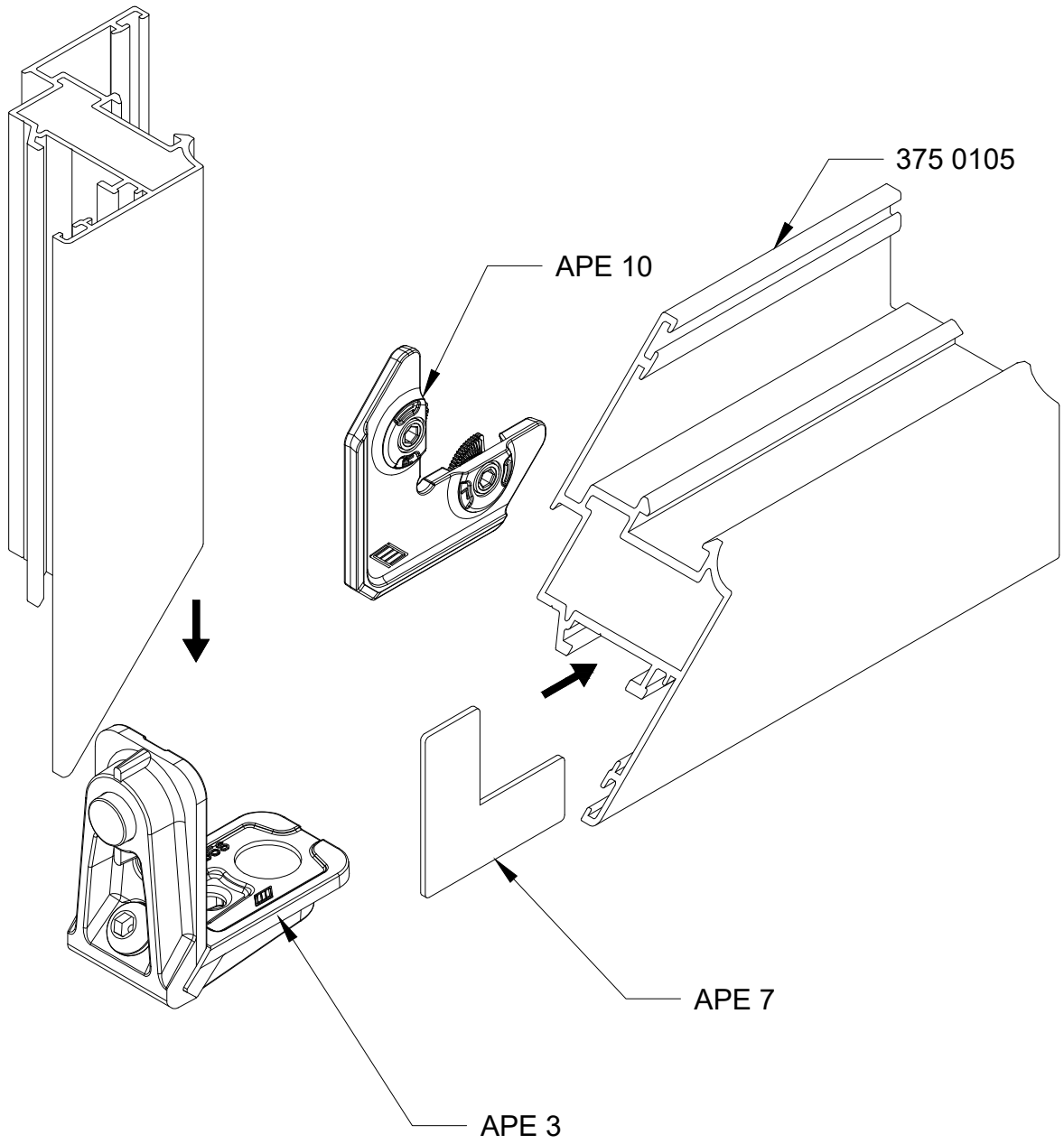
corner connection 375 0010 frame with mechanical corner



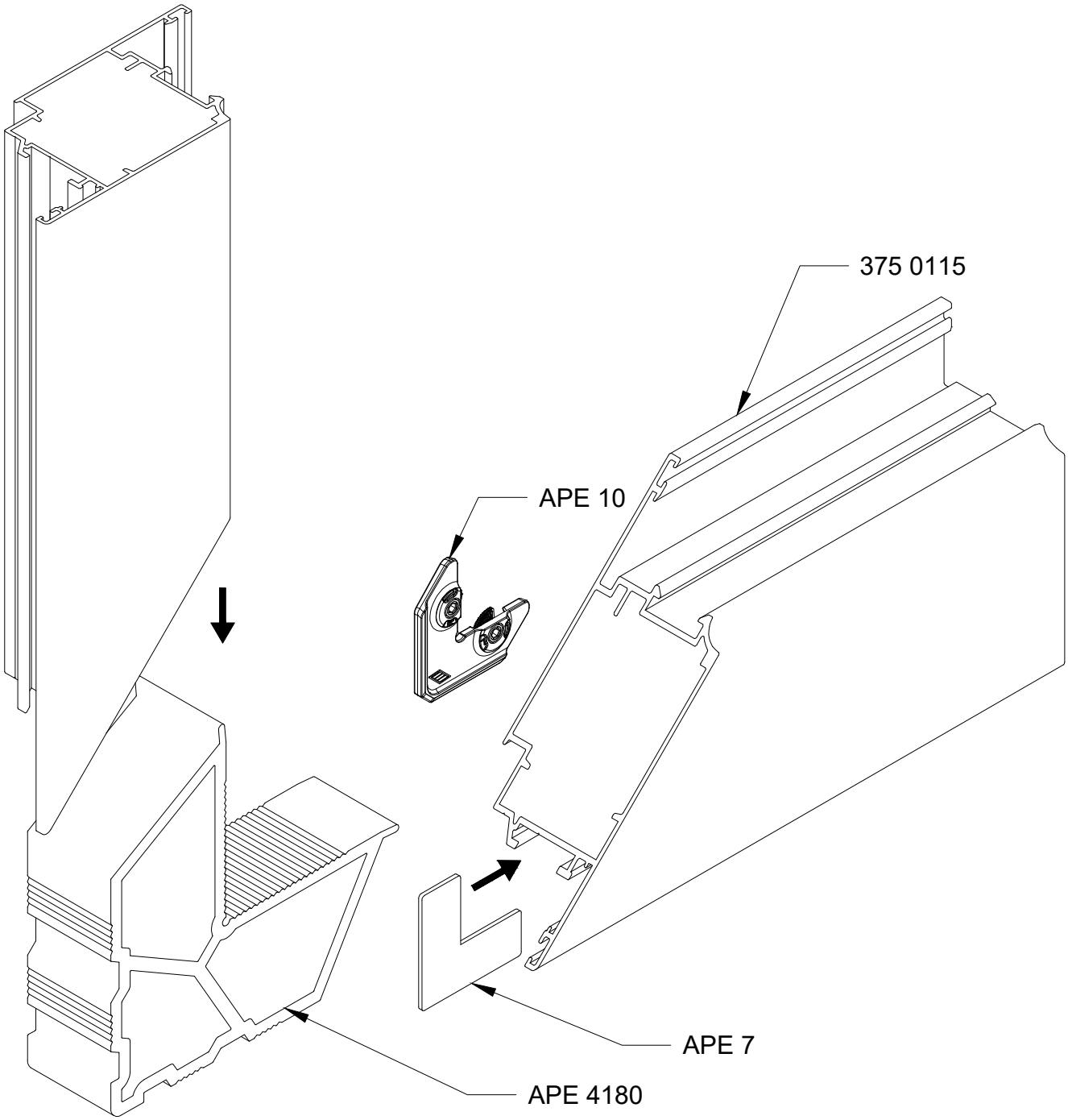
corner connection 375 0105 sash with press corner



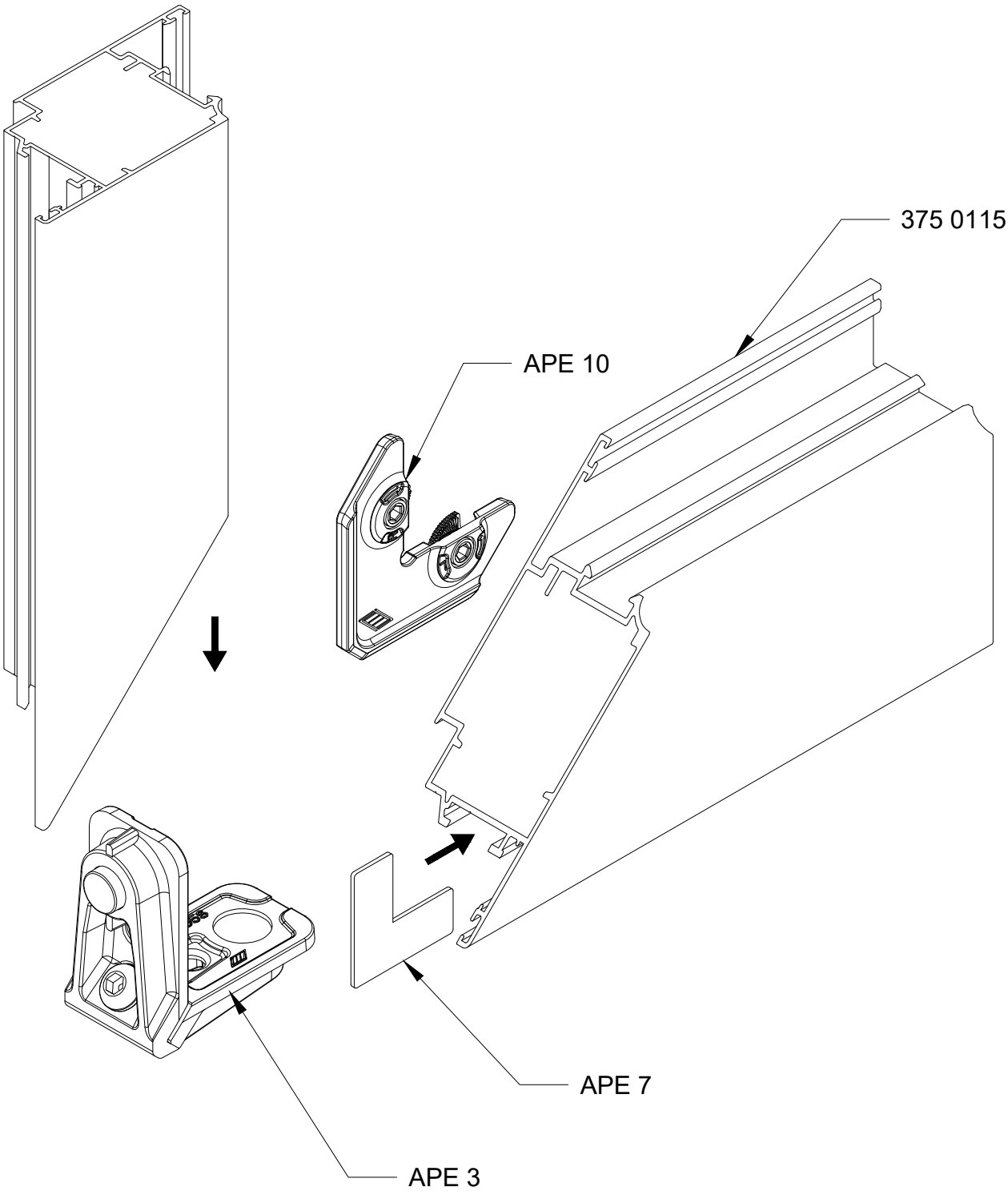
corner connection 375 0105 sash with mechanical corner



corner connection 375 0115 sash with press corner



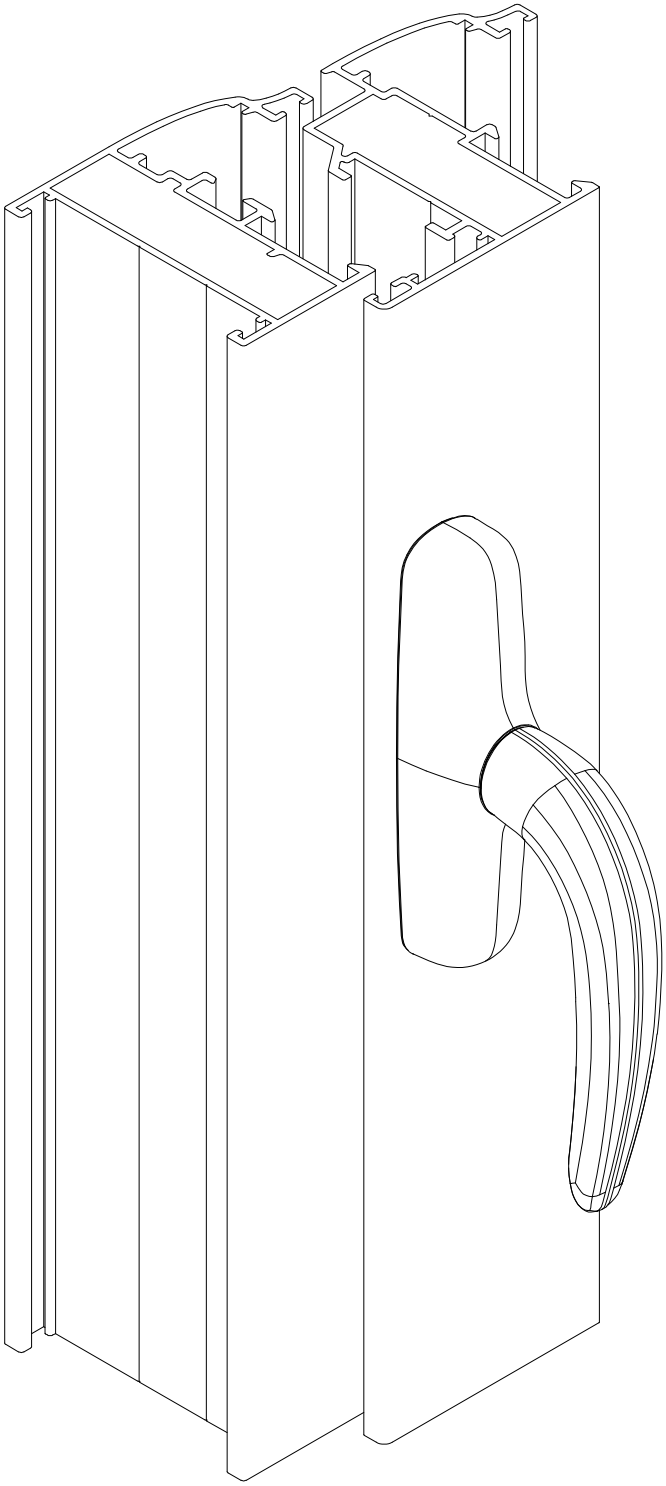
corner connection 375 0115 sash with mechanical corner

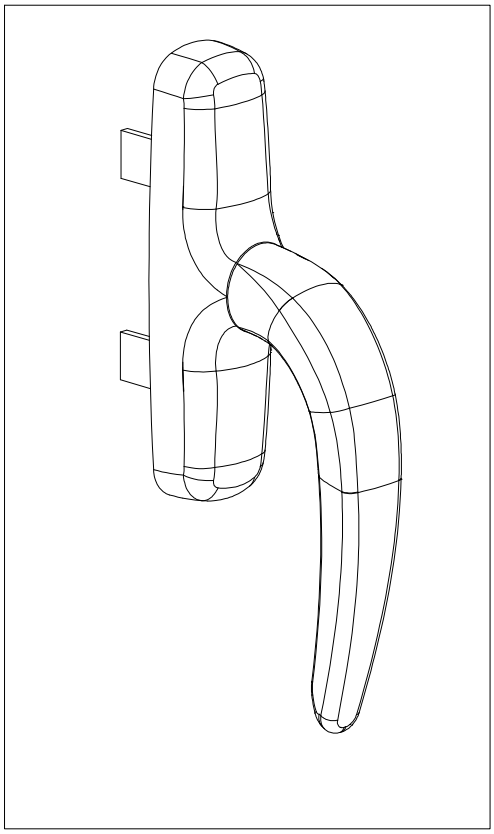


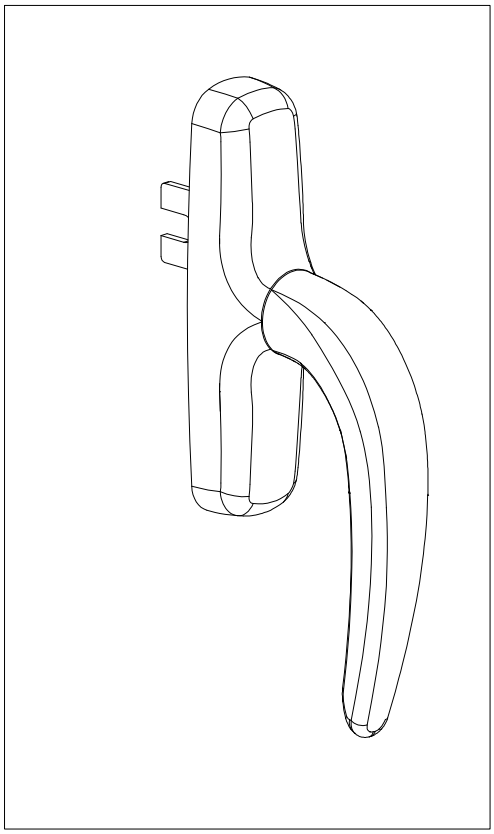
PONY Series

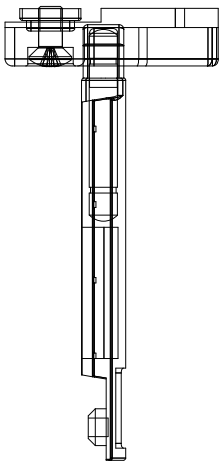
ALTEST ALUMINIUM PROFILES SYSTEM

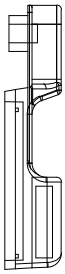
handles for windows

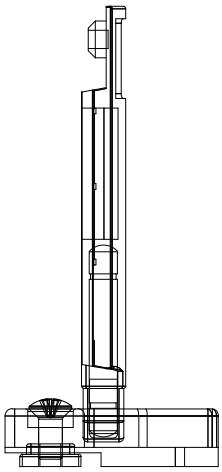


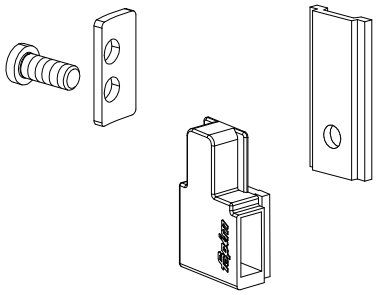


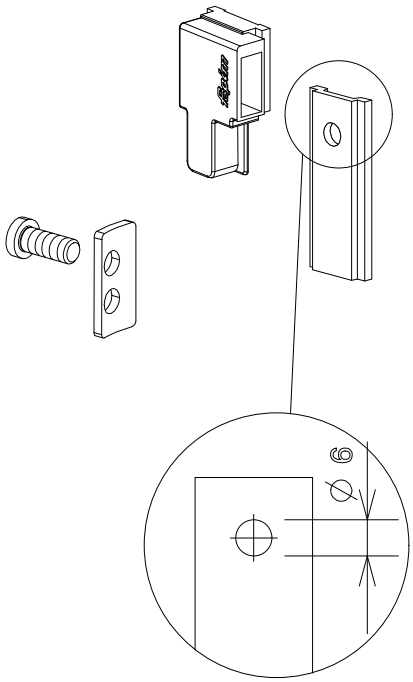








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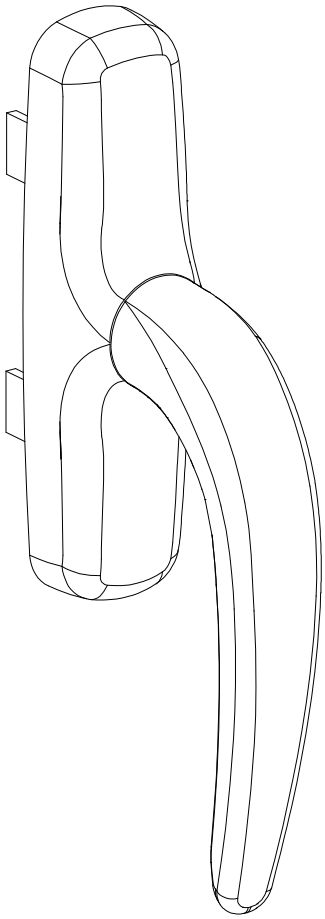
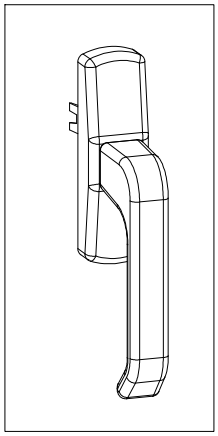
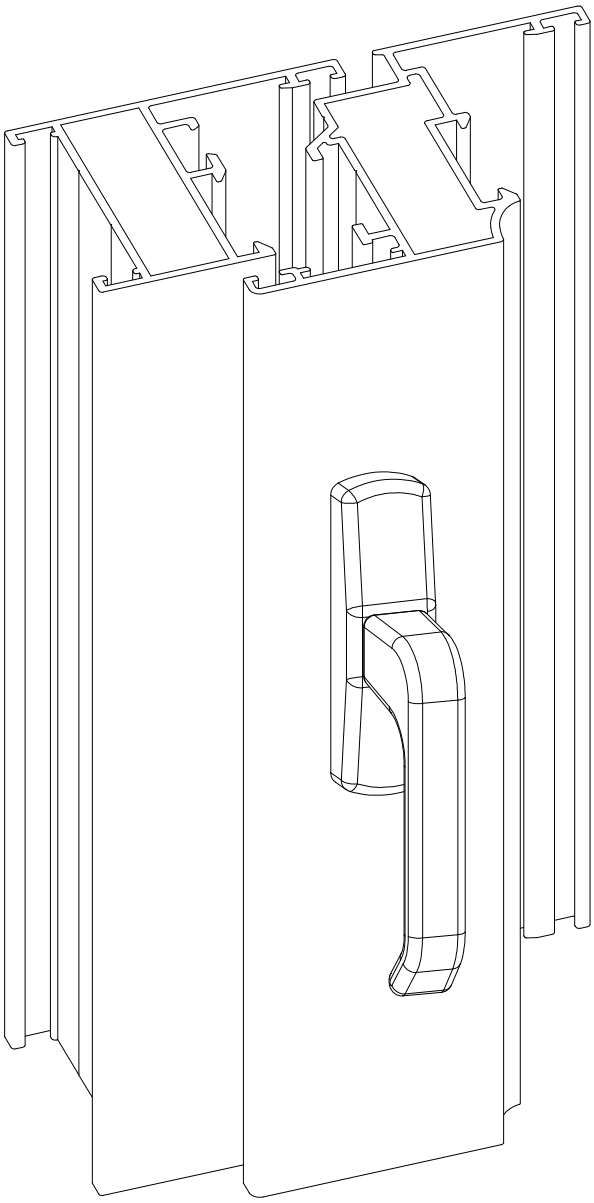
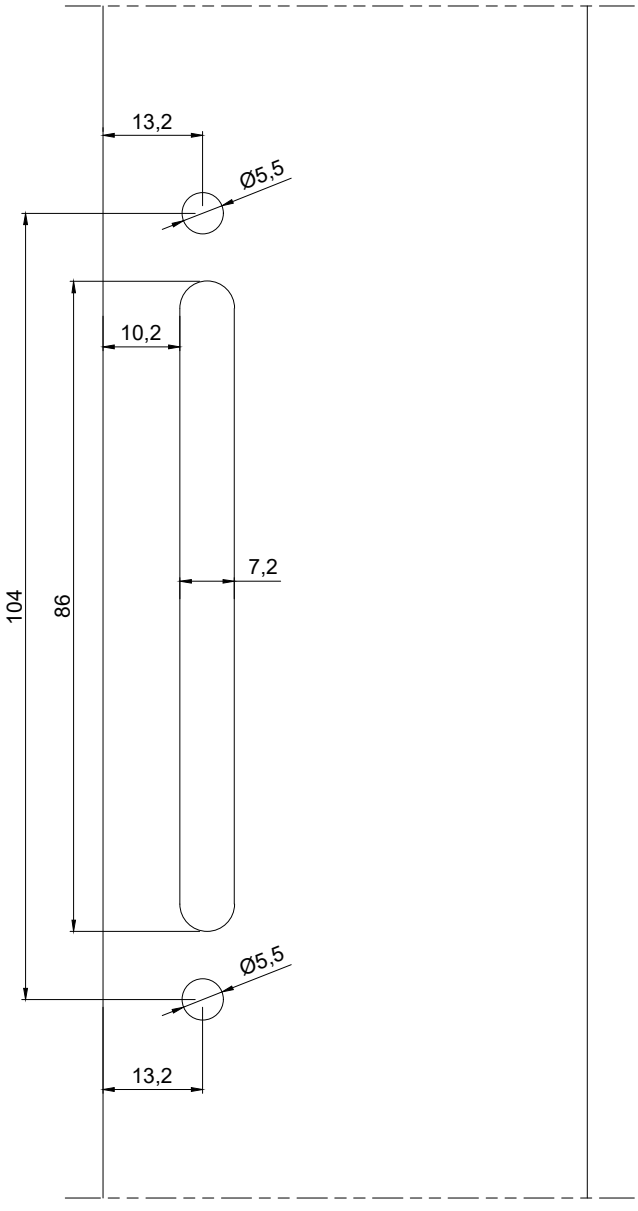


milling & drilling dimensions for geared handle







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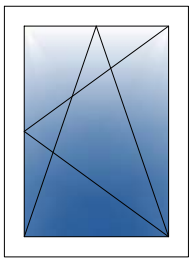
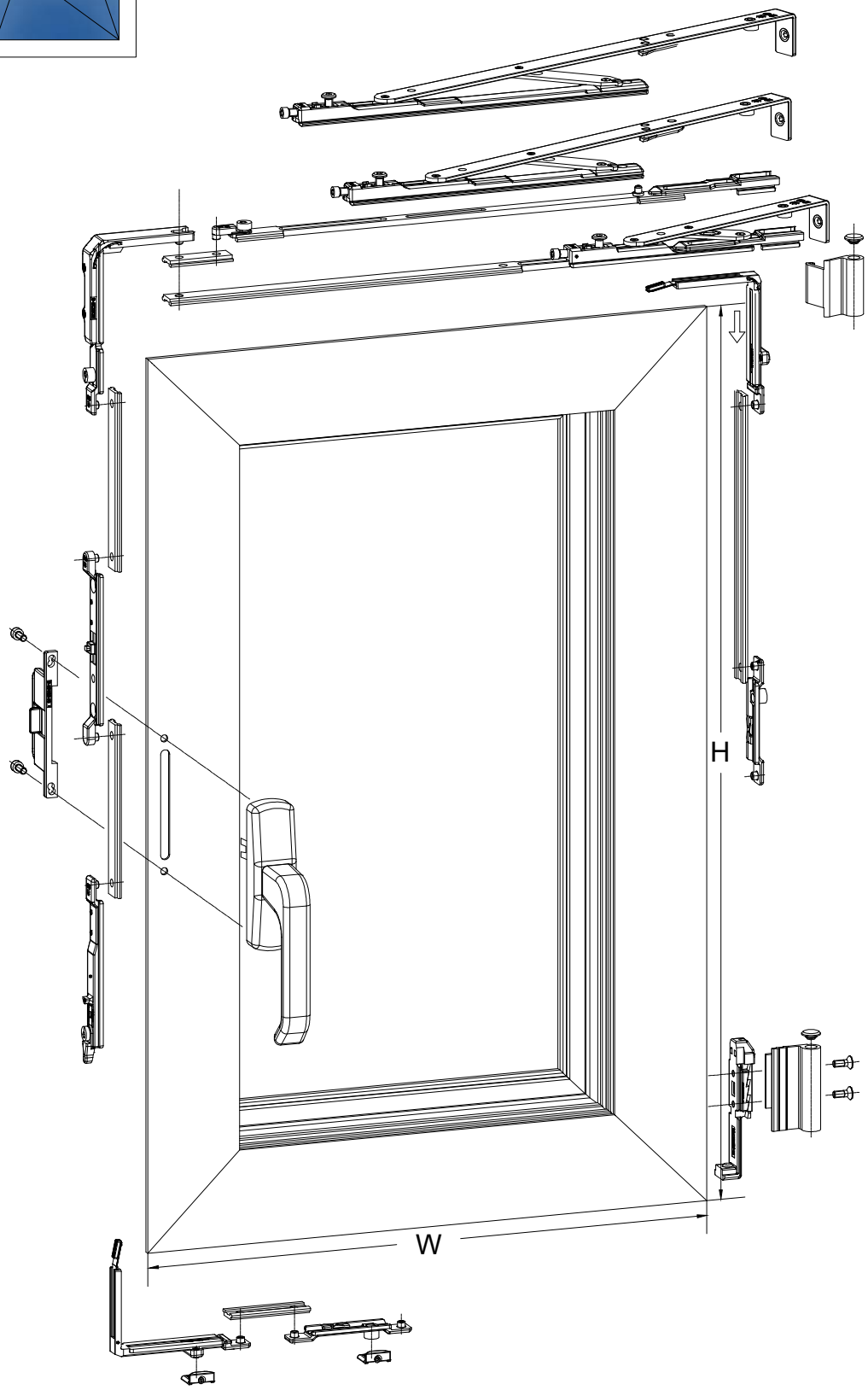
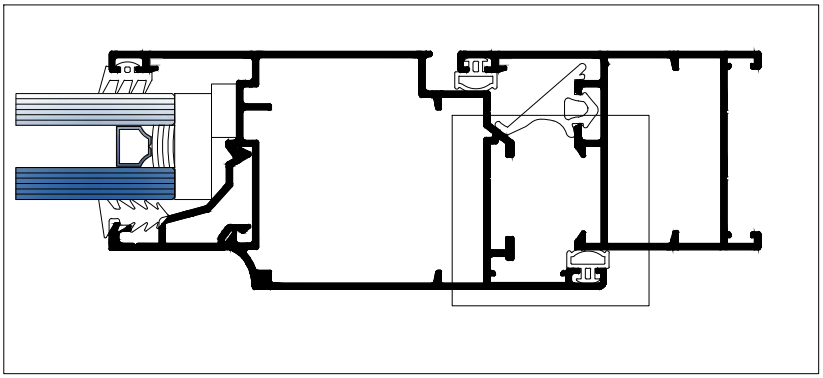
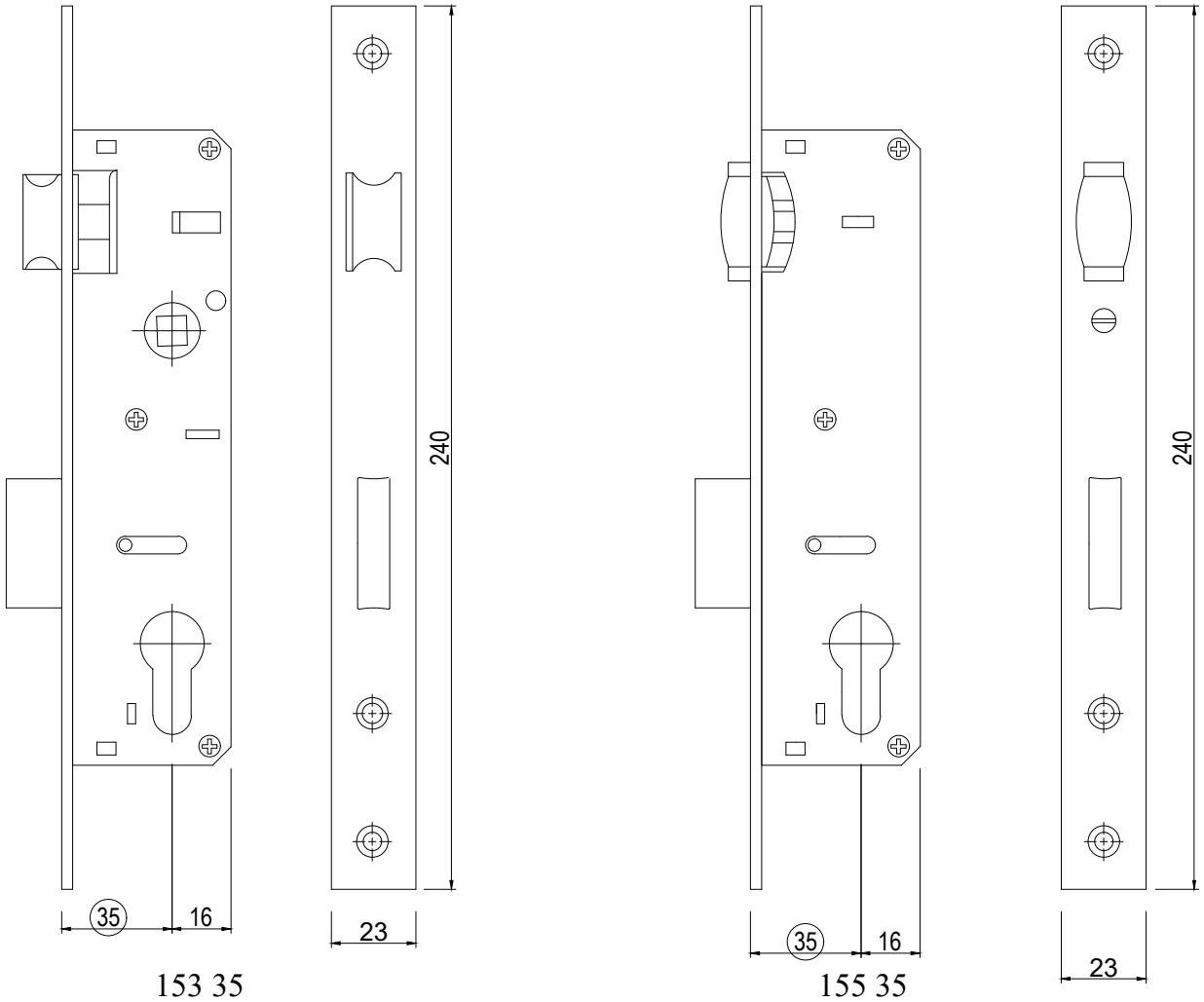
perimetrical lock for windows
tilt & turn sash

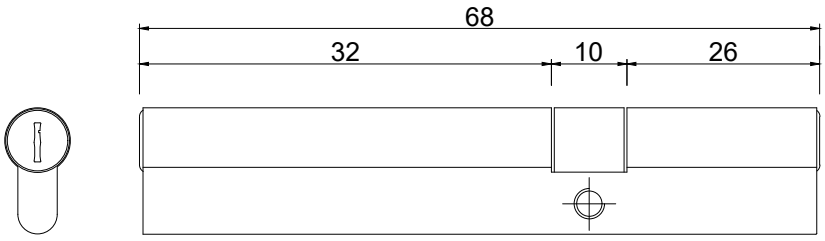




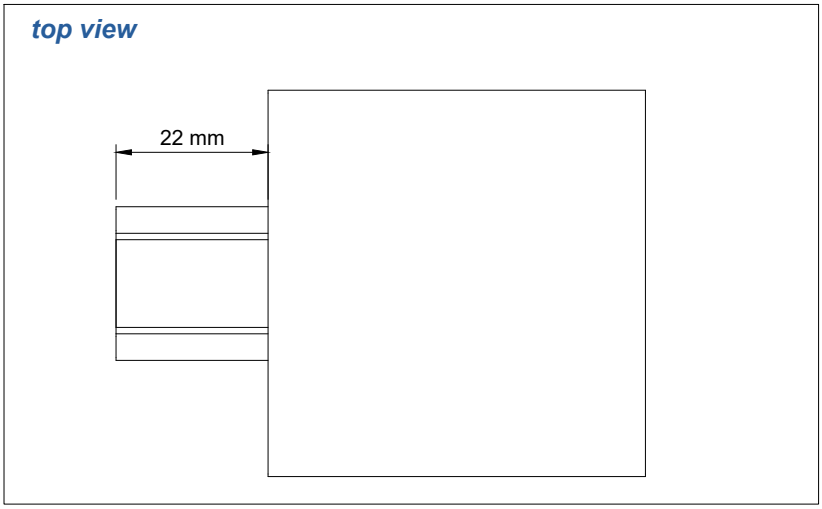
Door lock

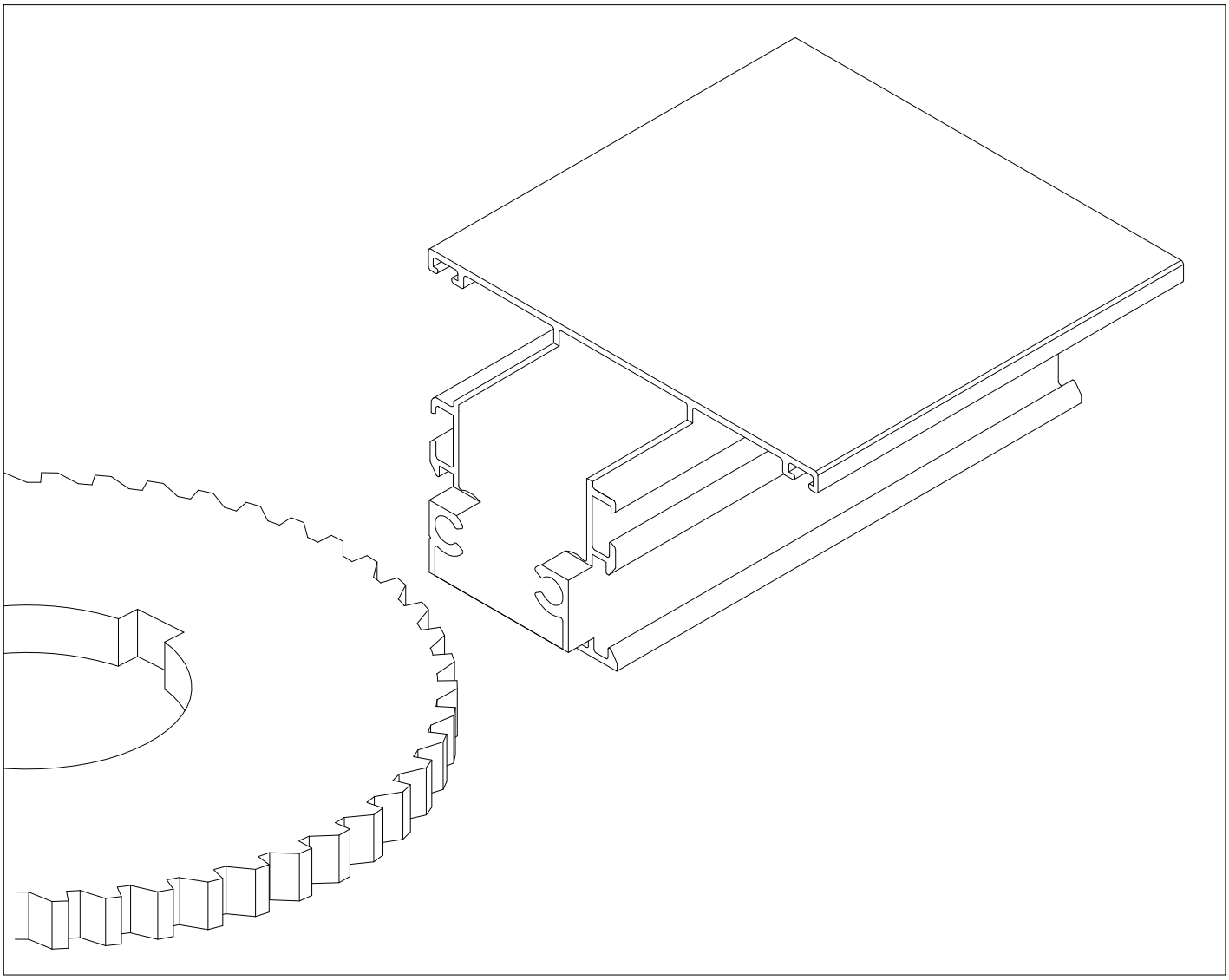




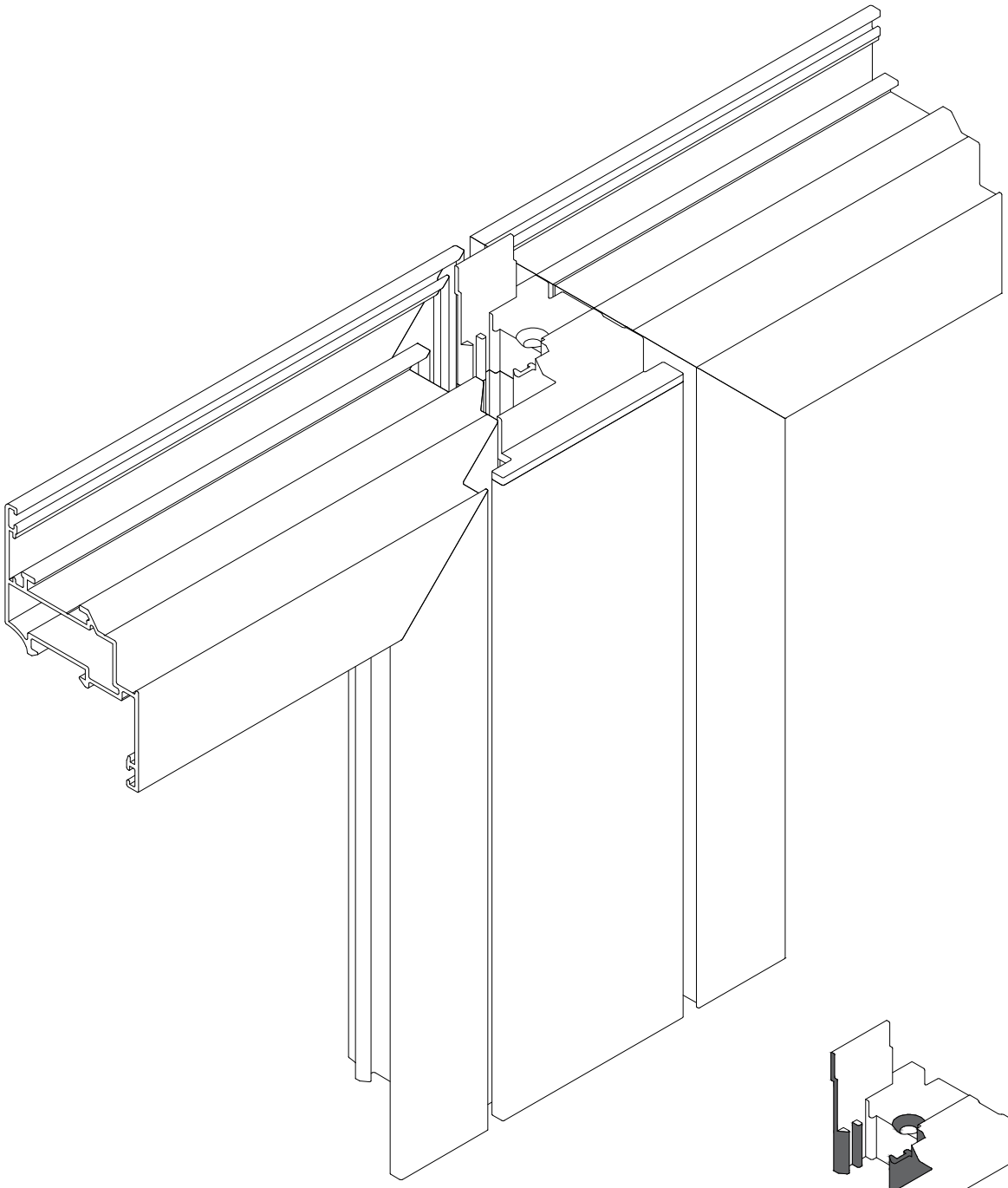


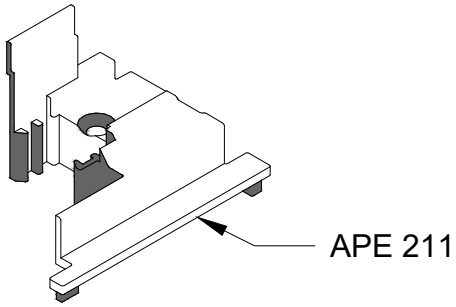
Milling of the mullion



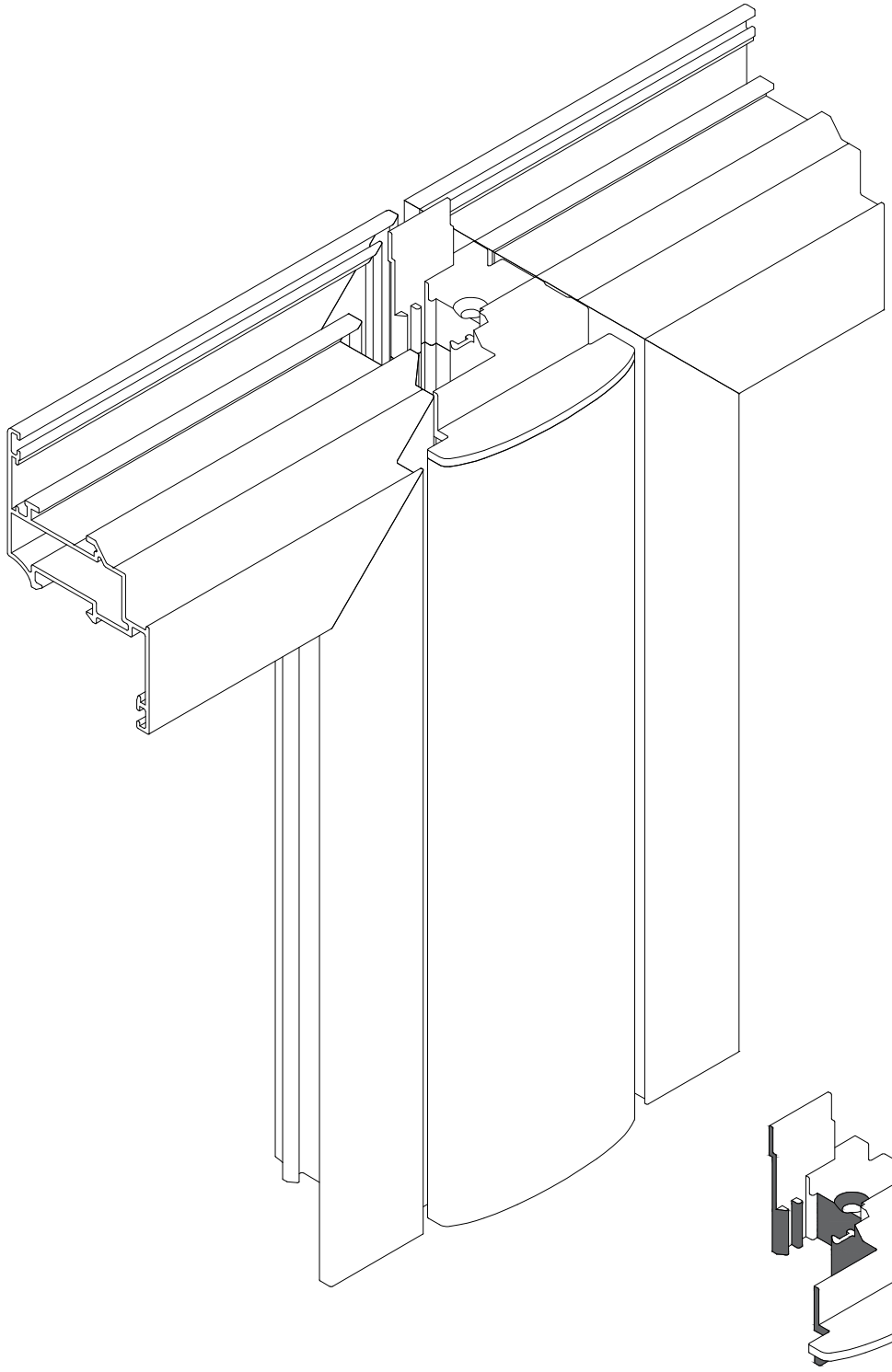


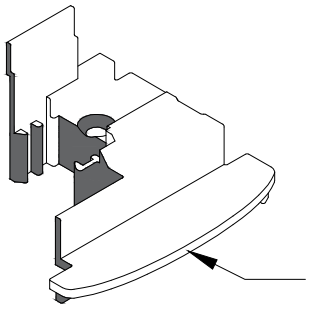
cap for overhung 375 0305





cap for overhung 375 0310





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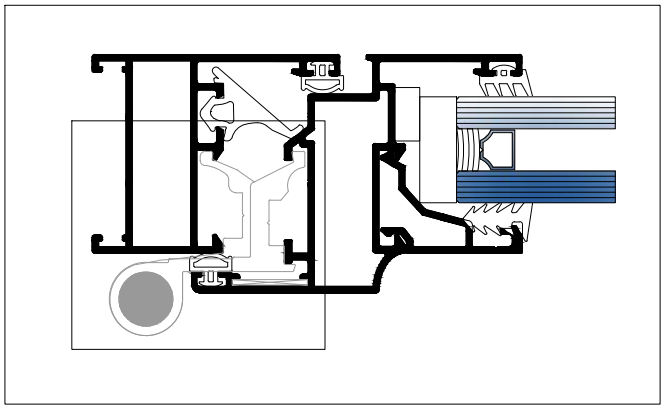
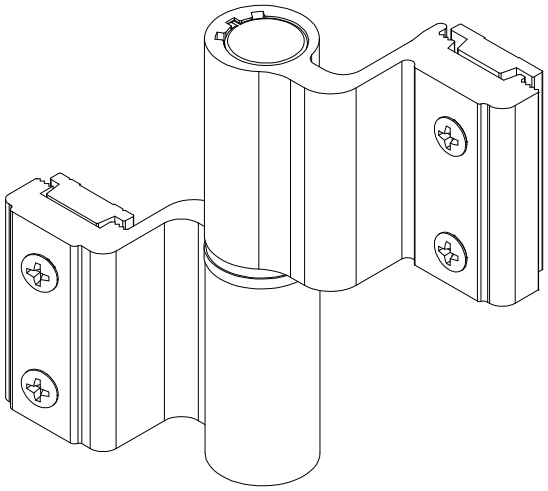
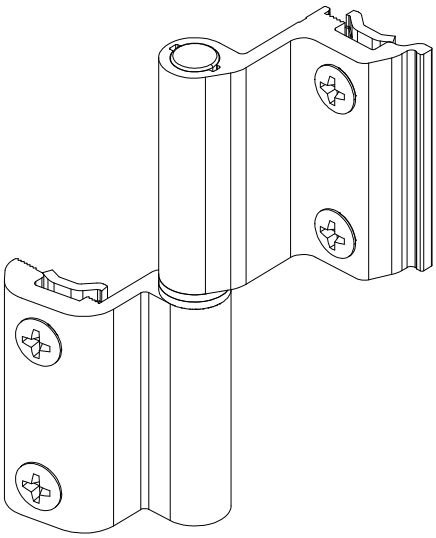
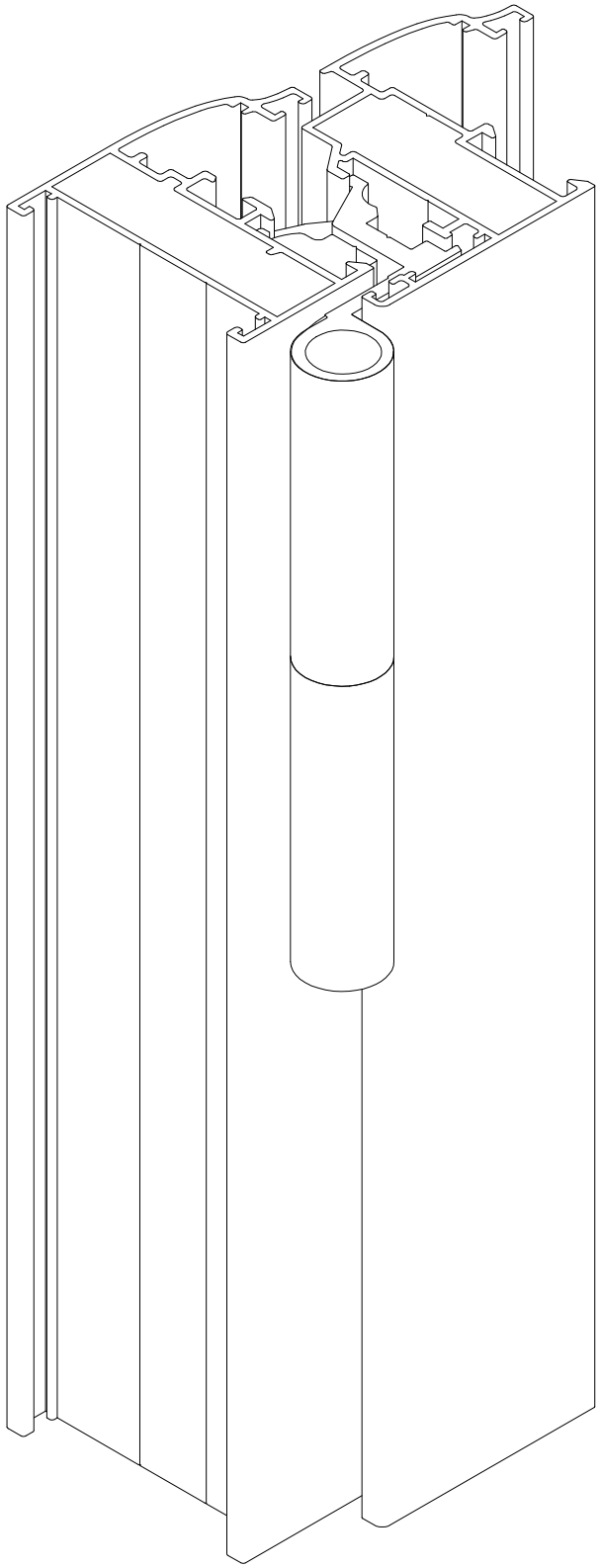
hinges for window







hinges for window



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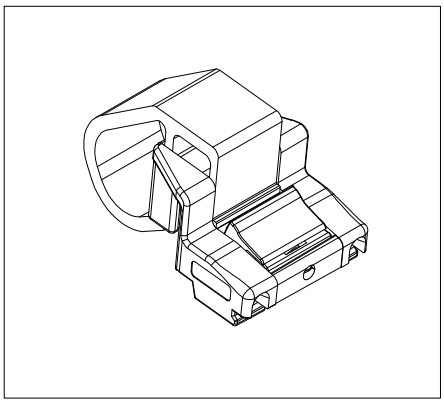
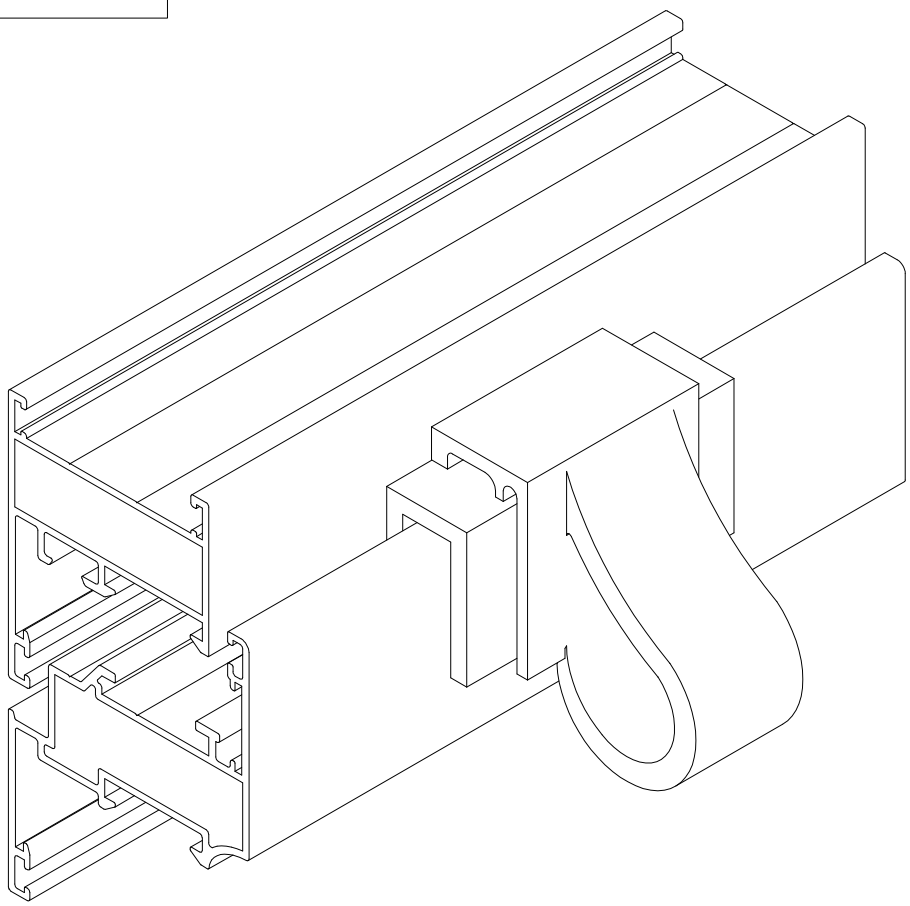
latch for window





hinges for two-side opening