

2015

**ТЕХНИЧЕСКИ КАТАЛОГ**  
**TECHNICAL CATALOGUE**

**VIVA**<sup>®</sup>  
**ALUMINIUM**  
**SYSTEMS**





## Алуминиеви системи „VIVA ALUMINIUM SYSTEMS”

Идеята при алуминиевите системи „VIVA ALUMINIUM SYSTEMS” е с минимум профили да се реализират максимум решения. По този начин се облекчава логистиката на производителя, на складовете и на клиента, което гарантира конкурентна цена. Геометрията на профилите е изчистена с цел намаляване на относителното тегло. Отделните системи са проектирани така, че да са максимално съвместими, използват се малко сглобки, които могат да се комбинират в една преса. В системите могат да се поставят голям набор от различни нивелиращи ъгли, които изравняват профилите в критичните точки. Отваряемите системи „VIVA ALUMINIUM SYSTEMS” използват универсални аксесоари за евро канал.

## Aluminium systems “VIVA ALUMINIUM SYSTEMS”

The idea behind “VIVAALUMINIUM SYSTEMS” is a minimum amount of profiles for optimum number of solutions. This is a way to facilitate the logistics of the manufacturer, the warehouses and the clients, which is a guarantee for a competitive price. The profile' geometry is simple in order for the specific gravity to be reduced. The systems are designed in a way to be compatible to a maximum degree, just a few assemblies to be used and if needed to be combined in just one press. A large number of different leveling angles may be placed to achieve alignment of the profiles in the critical points. The opening systems “VIVA ALUMINIUM SYSTEMS” are equipped with universal accessories for euro groove.

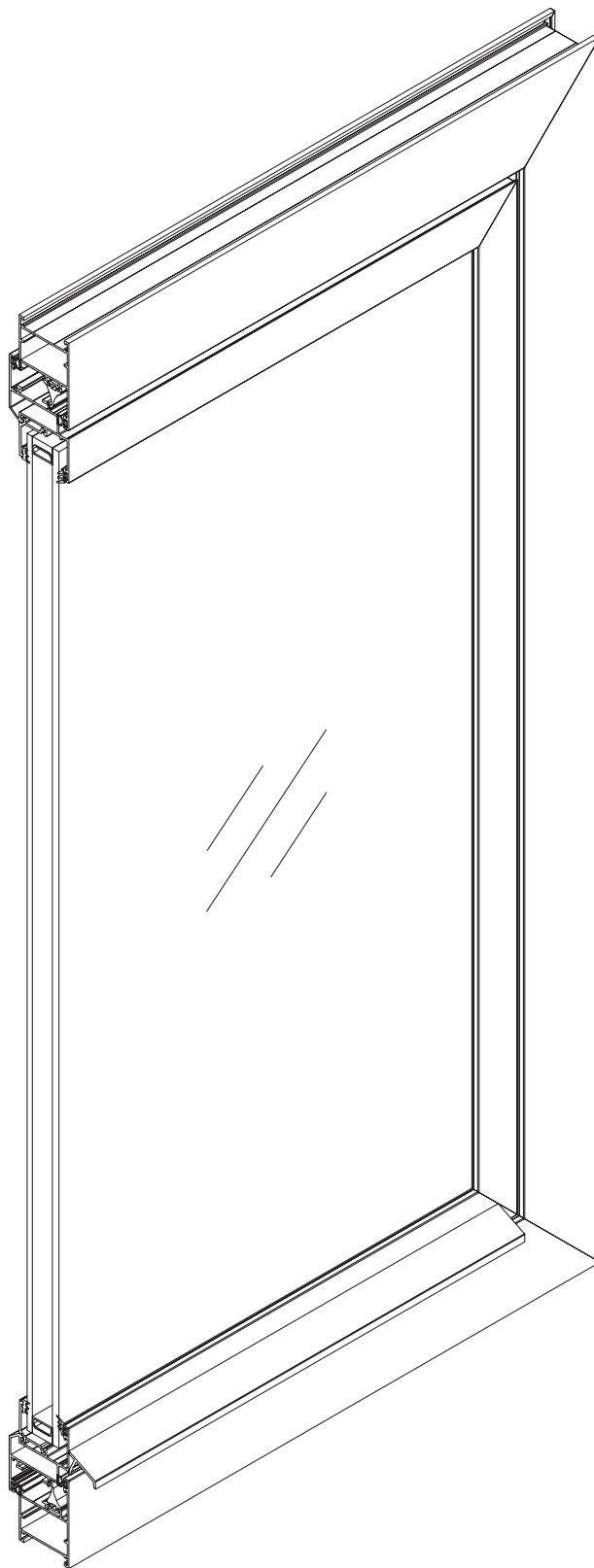


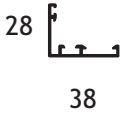
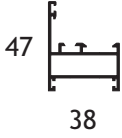
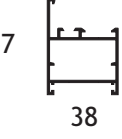
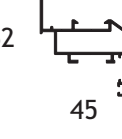
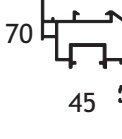
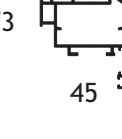

### Отваряема система 38 мм ( O38 )


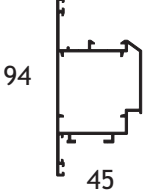
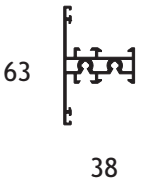
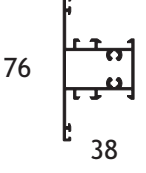
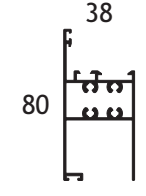
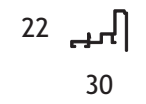
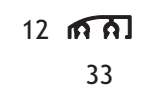
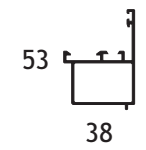
Системата има каси с височина 28, 47 мм и 57 мм, малко, средно и голямо крило, крило за врата отваряема навън и крило за врата отваряема навътре, малък и голям делител, подов профил, добавящ профил за крило врата, праг, обръщащ профил за отваряне навън, летящ кемпфер, стъклодържател за стъклопакет 24 мм (3816), стъклодържател за стъклопакет 20 мм (3817), стъклодържател за стъклопакет 10 мм (3818), стъклодържател за стъклопакет 6 мм (3819), „нулев“ стъклодържател и водобран. Част от тези профили се използват и в другите системи. Универсалната сглобка за касите и крилата на системата е 0484S, изравнителните ъгли са Fuji 2000, Ac01(14x1) или 5x1, навсякъде скрити под уплътнителите. Уплътнителите са универсални. Предвиден е профил за стационарен ъгъл 90 о, както и профили за произволни ъгли.


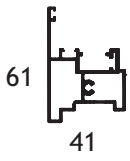
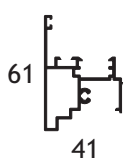
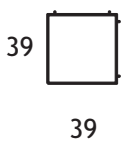

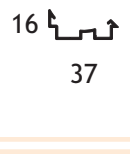
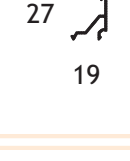
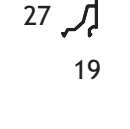
### Opening system 38 mm ( O38 )









The system consists of a frames to the height of 28, 47 mm and 57 mm, small, middle and large sash, door sash opening outside, door sash opening inside, small and large T- profile, kick-plate, additional profile for sash profile, threshold, additional profile for opening outside, adjoining profile, glazing bead for insulating glass unit 24 mm (3816), glazing bead for insulating glass unit 20 mm (3817), glazing bead for insulating glass unit 10 mm (3818), glazing bead for insulating glass unit 6 mm (3819), “zero” glazing bead and water protection unit (water cap). Part of these profiles is used for other systems as well. The universal corner of the system's frames and the sashes is - 0484S, alignment corner - Fuji 2000, Ac01(14x1) or 5x1 entirely hidden under gaskets. All the gaskets are universal.

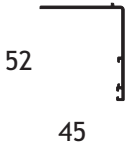

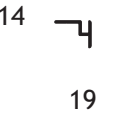


ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE MORE (page)
3830 	319			191	KACA FRAME	10
3822 	572	2,91	4,28	261	KACA FRAME	10
3801 	666	5,61	5,27	280	KACA FRAME	10
3802 	688	4,77	6,86	308	КРИЛО SASH	11
3823 	853	7,21	8,33	330	КРИЛО С ЕВРО КАНАЛ SASH	11
3803 	825	8,48	8,77	329	КРИЛО SASH	12
3804 	946	20,95	11,10	371	КРИЛО ВРАТА НАВЪТРЕ SASH	12

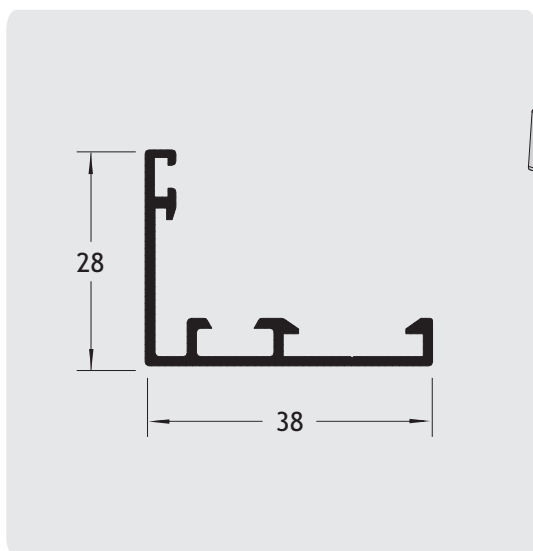
ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
		$I_x$	$J_y$			
3805 	947	20,97	10,07	371	КРИЛО ВРАТА НАВЪН  SASH OP. OUTSIDE	13
3806 	816	4,51	4,81	348	МАЛЪК ДЕЛИТЕЛ  T-PROFILE	13
3807 	889	9,27	6,18	347	ГОЛЯМ ДЕЛИТЕЛ  T-PROFILE	14
3808 	1062	13,82	7,48	385	ПОДОВ ПРОФИЛ  KICK-PLATE	14
3809 	280	0,36	0,90	167	ПРОФИЛ КЪМ ВРАТА С ПРАГ  SUPLEMENT. PROFILE	15
3810 	413	0,19	1,62	178	ПРАГ ЗА ВРАТА  THRESHOLD	15
3811 	556	3,93	3,60	239	ОБРЪЩАЩ ПРОФИЛ  ADDITIONAL PROFILE OP. INSIDE	16

ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
3824 	900	6,60	6,60	276	ЛЕТЯЩ КЕМПФЕР С ЕВРО КАНАЛ  ADJOINING PROFILE	16
3812 	771	5,71	5,36	341	ЛЕТЯЩ КЕМПФЕР  ADJOINING PROFILE	17
3813 	507	4,15	4,15	158	КОЛОНА 90 ГРАДУСА  ADJOINING PROFILE	17
3814 	427	2,96	2,96	126	ТРЪБА  ADJOINING PROFILE	18
3815 	244	0,15	1,40	143	АДАПТЕР  ADJOINING PROFILE	18
3816 	178	0,43	0,21	93	СТЪКЛО- ДЪРЖАТЕЛ 24 мм  GLAZING BEAD	19
3817 	236	0,61	0,23	128	СТЪКЛО- ДЪРЖАТЕЛ 20 мм  GLAZING BEAD	19

ПРОФИЛ PROFILE		Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
3818	27  19	261	0,71	0,43	146	СТЪКЛО- ДЪРЖАТЕЛ 10 мм  GLAZING BEAD	20
3819	27  20	273	0,75	0,56	151	СТЪКЛО- ДЪРЖАТЕЛ 6 мм  GLAZING BEAD	20
3820	27  35	339	0,91	1,48	182	НУЛЕВ СТЪКЛО- ДЪРЖАТЕЛ  GLAZING BEAD	21
3821	15  20	152	0,08	0,25	79	ВОДОБРАН WATER CAP	21
3825	4  19	129	0,00	0,14	50	РИГЛА ADJOINING PROFILE	22
3826	25  35	431	1,18	2,30	152	ДОБАВКА КЪМ КАСА И ДЕЛИТЕЛ ЗА ЛЕТЯЩА ВРАТА  ADJOINING PROFILE	22
3827	32  45	294	1,07	2,14	174	ПЕРВАЗ TRIMING PROFILE	23

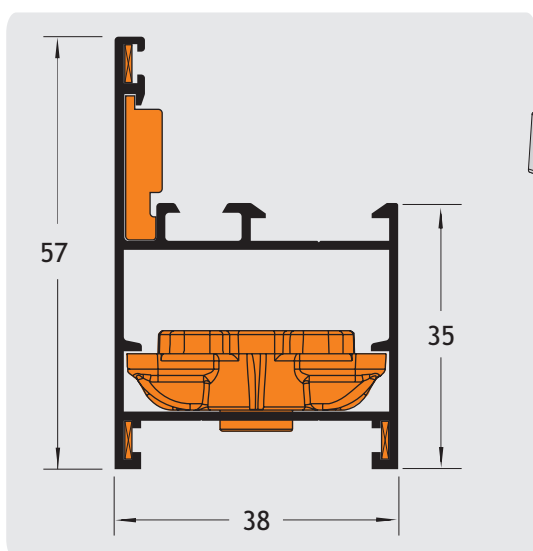
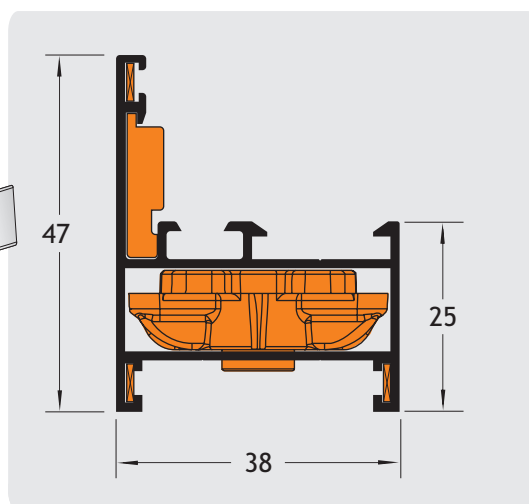
ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE 👁️ (page)
3828 	365	4,06	2,43	214	ПЕРВАЗ TRIMING PROFILE	23
3829 	452	11,56	2,67	264	ПЕРВАЗ TRIMING PROFILE	24
3831 	121			76	СЪЧЕТАВАЩ ПРОФИЛ ADJOINING PROFILE	24



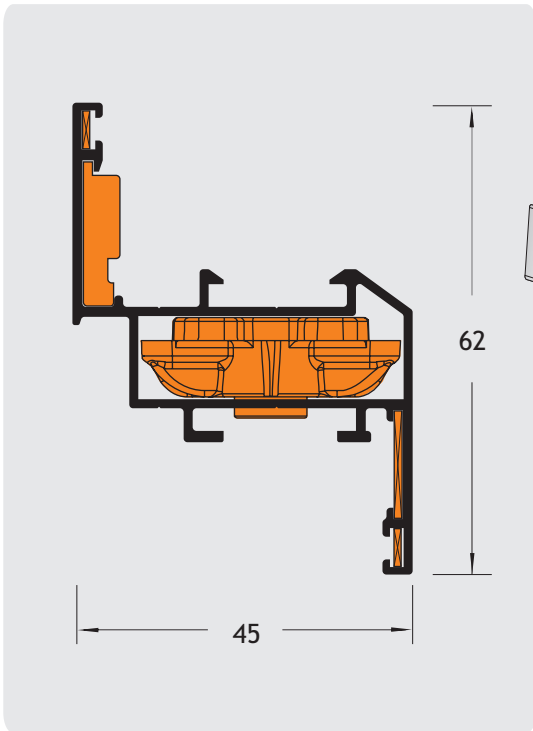


КАСА / FRAME		3830
ТЕГЛО / WEIGHT (gr/m)	W=319	
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )		
Периметър / Perimeter (mm)	P=191	
<b>Акcesoари / Accessories</b>		
сглобка / corner		
израв. ъгъл/сглобка alignment corner	Fuji2000	

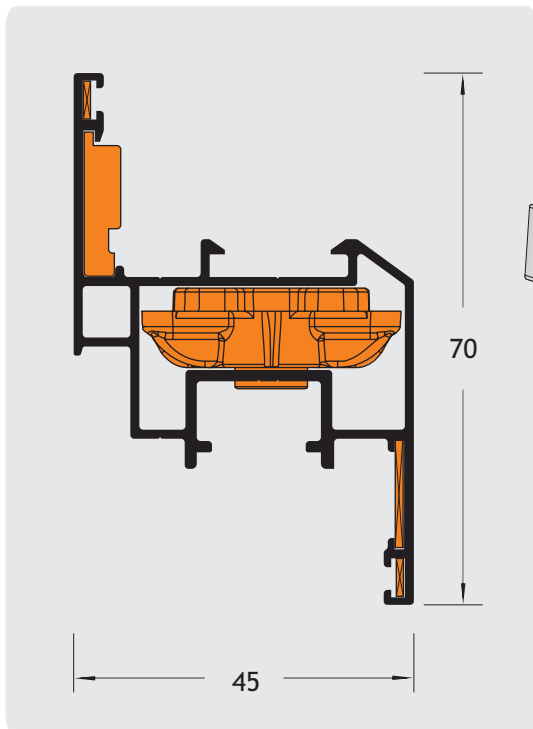
КАСА / FRAME		3822
ТЕГЛО / WEIGHT (gr/m)	W=572	
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=2,91	Jy=4,28
Периметър / Perimeter (mm)	P=261	
<b>Акcesoари / Accessories</b>		
сглобка / corner	04845	
израв. ъгъл/сглобка alignment corner	5x1, Fuji2000	



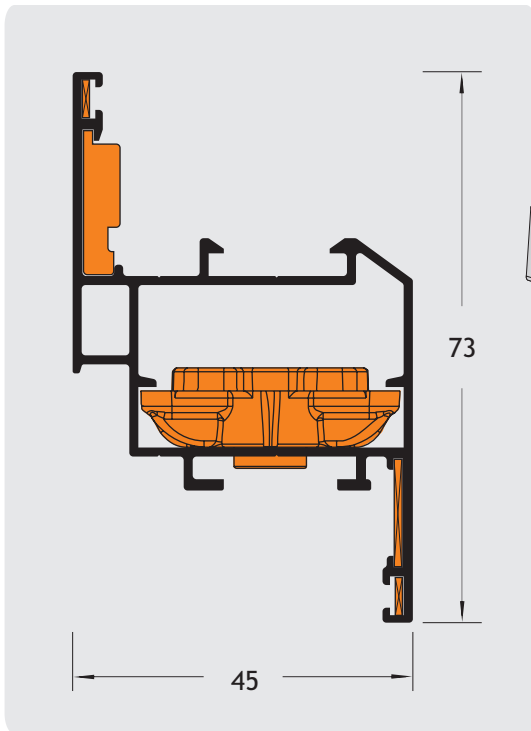
КАСА / FRAME		3801
ТЕГЛО / WEIGHT (gr/m)	W=666	
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=5,61	Jy=5,27
Периметър / Perimeter (mm)	P=280	
<b>Акcesoари / Accessories</b>		
сглобка / corner	04845	
израв. ъгъл/сглобка alignment corner	5x1, Fuji2000	



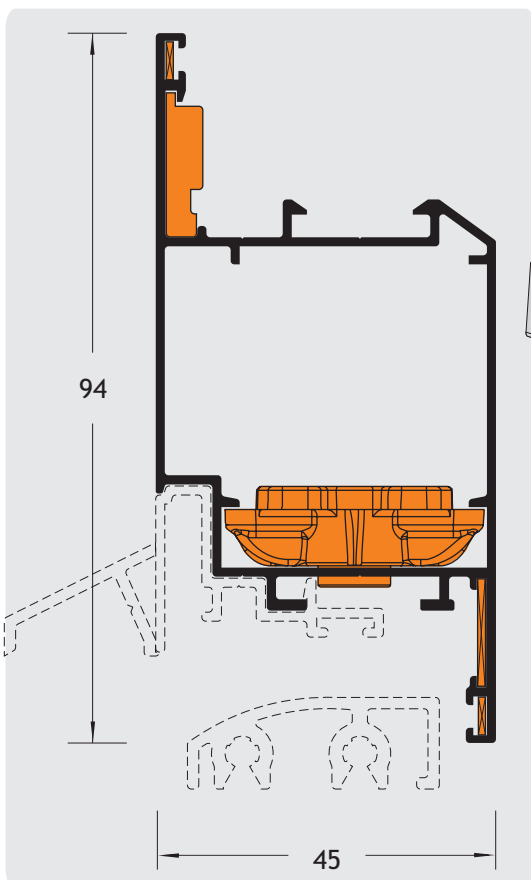
<b>КРИЛО / SASH</b>	<b>3802</b>
ТЕГЛО / WEIGHT (gr/m)	W=688
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =4,77
	J <sub>y</sub> =6,86
Периметър / Perimeter (mm)	P=308
<b>Акcesoари / Accessories</b>	
сглобка / corner	0484S
израв. ъгъл/сглобка alignment corner	5x1,Fuji2000,Ac01



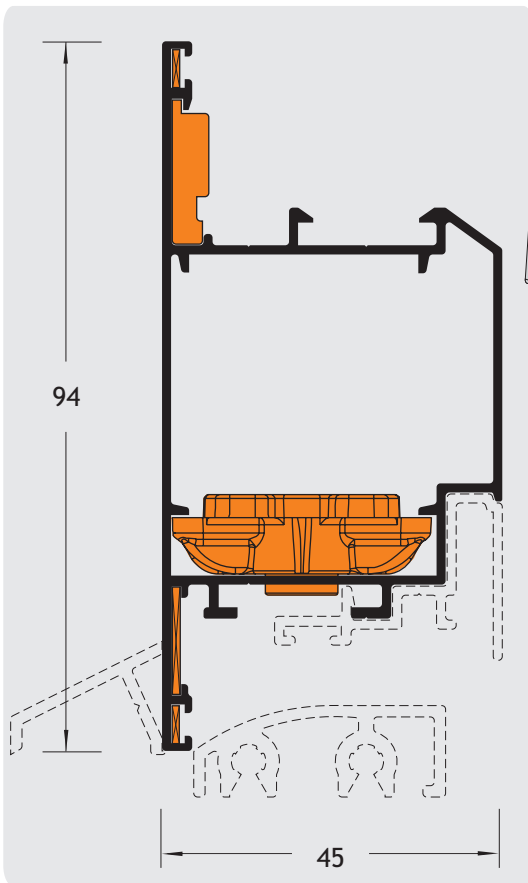
<b>КРИЛО С ЕВРО КАНАЛ SASH</b>	<b>3823</b>
ТЕГЛО / WEIGHT (gr/m)	W=853
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =7,21
	J <sub>y</sub> =8,33
Периметър / Perimeter (mm)	P=330
<b>Акcesoари / Accessories</b>	
сглобка / corner	0484S
израв. ъгъл/сглобка alignment corner	5x1,Fuji2000,Ac01



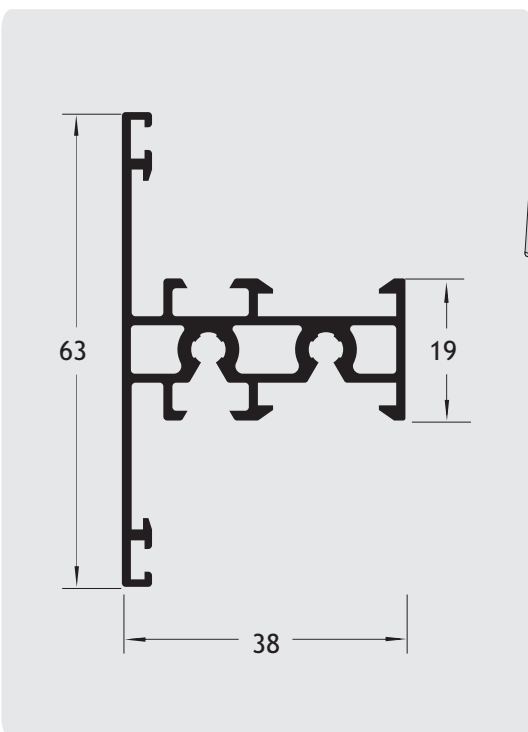
КРИЛО / SASH		3803
ТЕГЛО / WEIGHT (gr/m)	W=825	
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=8,48	
	Jy=8,77	
Периметър / Perimeter (mm)	P=329	
Акcesoари / Accessories		
сглобка / corner	0484S	
израв. ъгъл/сглобка alignment corner	5x1,Fuji2000,Ac01	



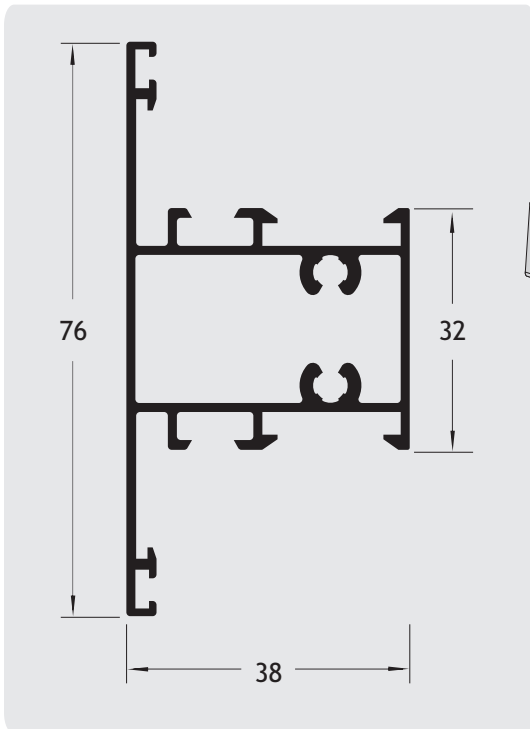
КРИЛО ВРАТА НАВЪТРЕ SASH		3804
ТЕГЛО / WEIGHT (gr/m)	W=946	
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=20,95	
	Jy=11,10	
Периметър / Perimeter (mm)	P=371	
Акcesoари / Accessories		
сглобка / corner	0484S	
израв. ъгъл/сглобка alignment corner	5x1,Fuji2000,Ac01	



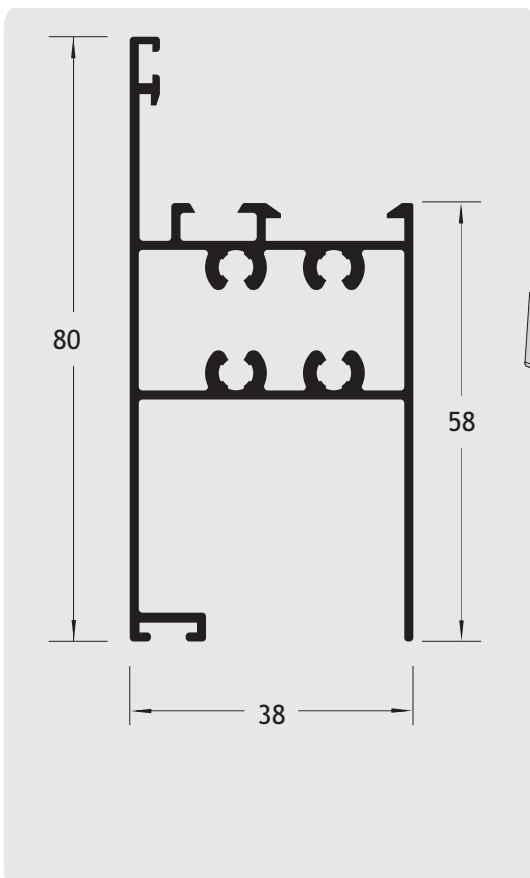
<b>КРИЛО ВРАТА НАВЪН</b> <b>SASH OP. OUTSIDE</b>	<b>3805</b>
ТЕГЛО / WEIGHT (gr/m)	W=947
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=20,97
	Jy=10,07
Периметър / Perimeter (mm)	P=371
<b>Акcesoари / Accessories</b>	
сглобка / corner	0484S
израв. ъгъл/сглобка alignment corner	5x1,Fuji2000,Ac01



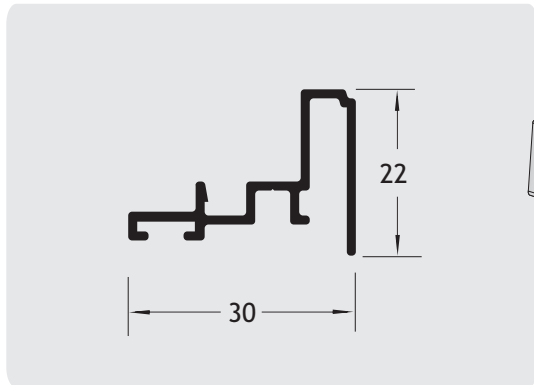
<b>МАЛЪК ДЕЛИТЕЛ</b> <b>T-PROFILE</b>	<b>3806</b>
ТЕГЛО / WEIGHT (gr/m)	W=816
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=4,51
	Jy=4,81
Периметър / Perimeter (mm)	P=348
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>ГОЛЯМ ДЕЛИТЕЛ T-PROFILE</b>	<b>3807</b>
ТЕГЛО / WEIGHT (gr/m)	W=889
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =9,27
	J <sub>y</sub> =6,18
Периметър / Perimeter (mm)	P=347
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>ПОДОВ ПРОФИЛ KICK PLATE</b>	<b>3808</b>
ТЕГЛО / WEIGHT (gr/m)	W=1062
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =13,82
	J <sub>y</sub> =7,48
Периметър / Perimeter (mm)	P=385
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



**ПРОФИЛ КЪМ ВРАТА С ПРАГ**  
**ADDITIONAL PROFILE**

**3809**

ТЕГЛО / WEIGHT (gr/m) W=280

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=0,36

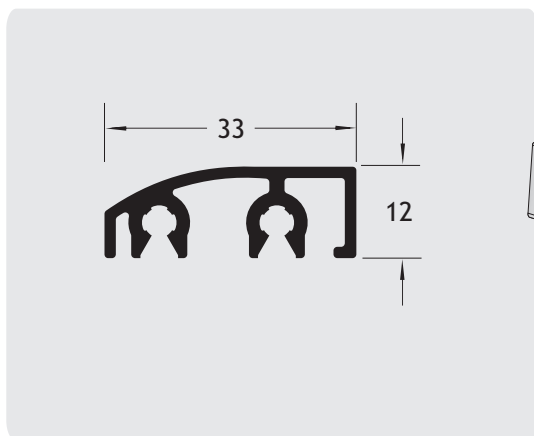
J<sub>y</sub>=0,90

Периметър / Perimeter (mm) P=167

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**ПРАГ ЗА ВРАТА**  
**ADDITIONAL PROFILE**

**3810**

ТЕГЛО / WEIGHT (gr/m) W=413

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=0,19

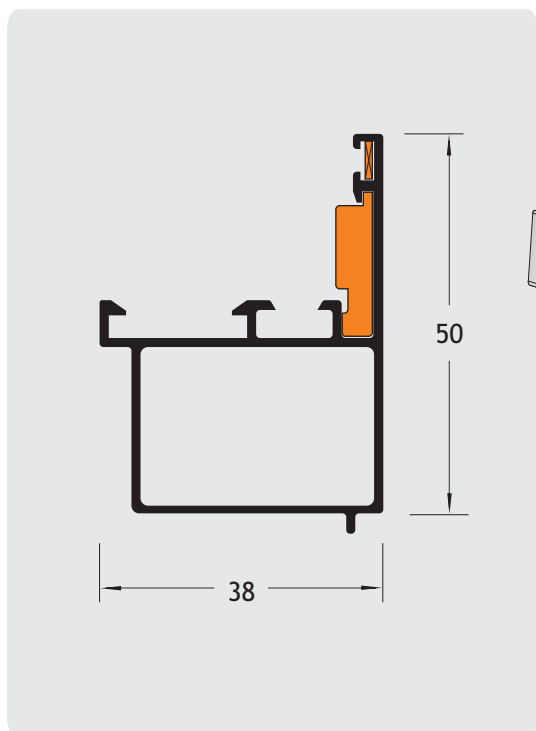
J<sub>y</sub>=1,62

Периметър / Perimeter (mm) P=178

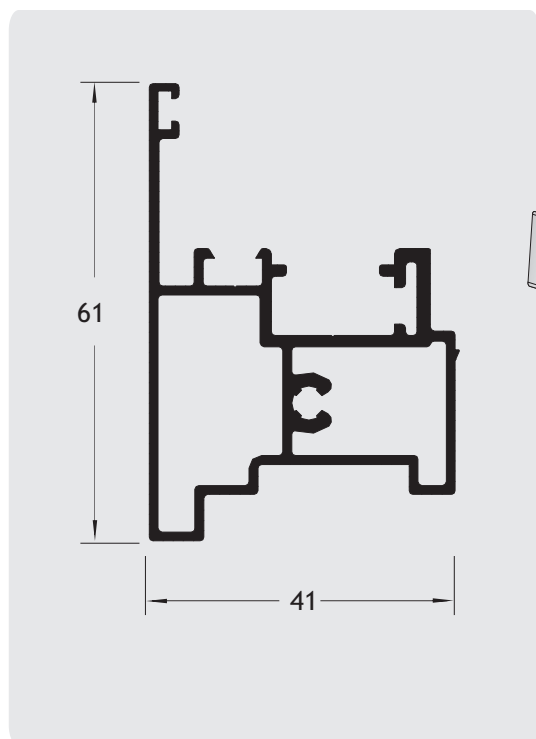
**Акcesoари / Accessories**

сглобка / corner

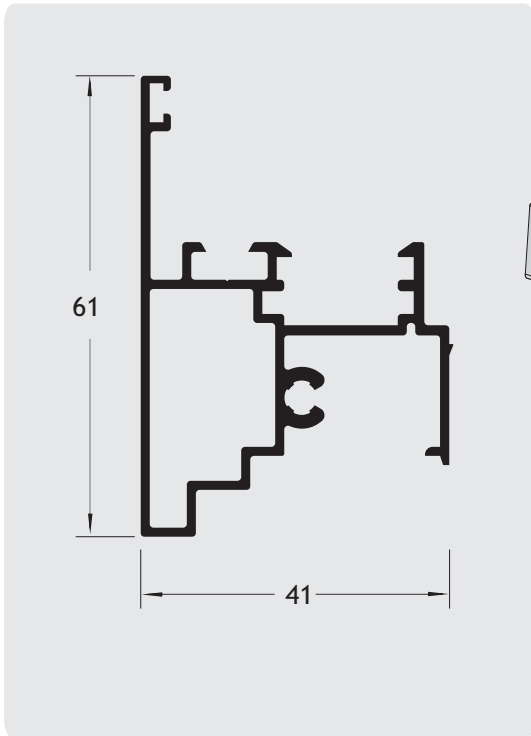
израв. ъгъл/сглобка  
alignment corner



<b>ОБРЪЩАЩ ПРОФИЛ ADDITIONAL PROFILE</b>	<b>3811</b>
ТЕГЛО / WEIGHT (gr/m)	W=556
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =3,93
	J <sub>y</sub> =3,60
Периметър / Perimeter (mm)	P=239
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	5x1,Fuji2000



<b>ЛЕТЯЩ КЕМПФЕР С ЕВРО КАНАЛ ADJOINING PROFILE</b>	<b>3824</b>
ТЕГЛО / WEIGHT (gr/m)	W=900
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =6,60
	J <sub>y</sub> =6,60
Периметър / Perimeter (mm)	P=276
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



**ЛЕТЯЩ КЕМПФЕР  
ADJOINING PROFILE**

**3812**

ТЕГЛО / WEIGHT (gr/m)

W=771

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=5,71

J<sub>y</sub>=5,36

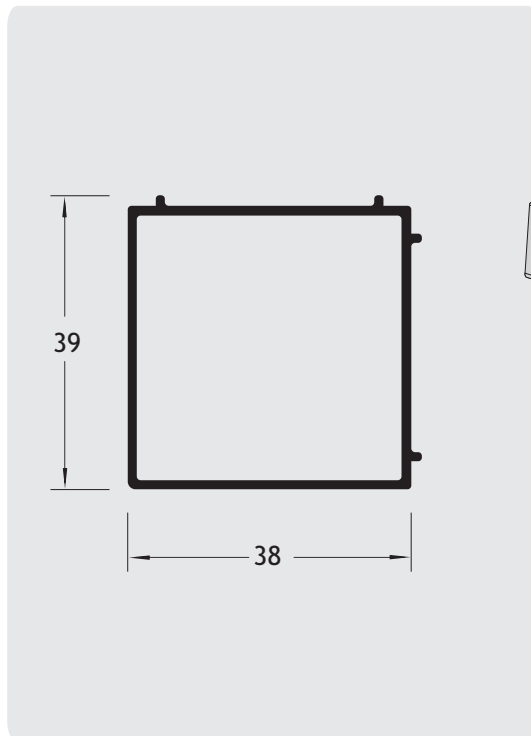
Периметър / Perimeter (mm)

P=341

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**КОЛОНА  
ADJOINING PROFILE**

**3813**

ТЕГЛО / WEIGHT (gr/m)

W=507

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=4,15

J<sub>y</sub>=4,15

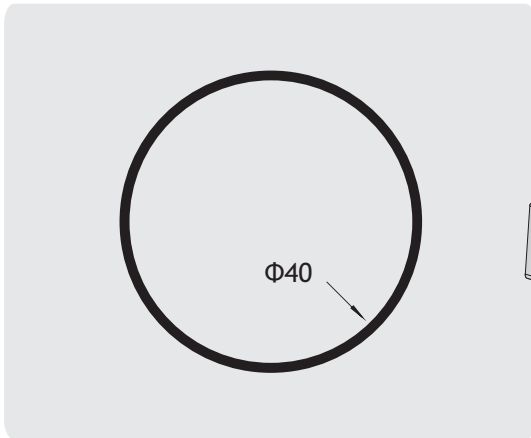
Периметър / Perimeter (mm)

P=158

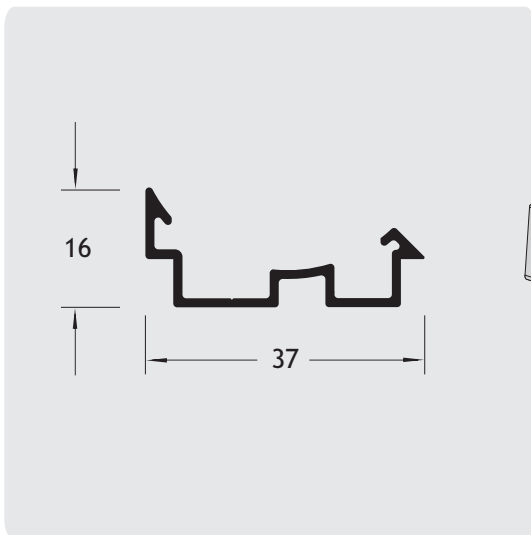
**Акcesoари / Accessories**

сглобка / corner

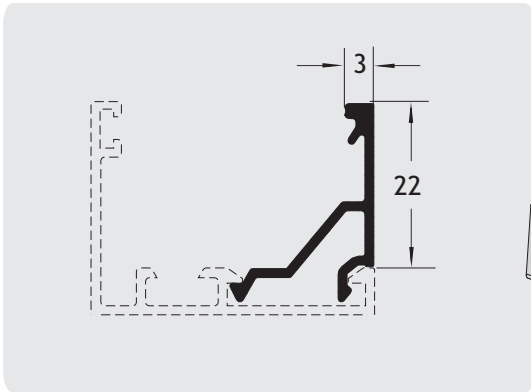
израв. ъгъл/сглобка  
alignment corner



<b>ТРЪБА ADJOINING PROFILE</b>	<b>3814</b>
ТЕГЛО / WEIGHT (gr/m)	W=427
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =2,96
	J <sub>y</sub> =2,96
Периметър / Perimeter (mm)	P=126
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>АДАПТЕР ADJOINING PROFILE</b>	<b>3815</b>
ТЕГЛО / WEIGHT (gr/m)	W=244
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,15
	J <sub>y</sub> =1,40
Периметър / Perimeter (mm)	P=143
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



**СТЪКЛОДЪРЖАТЕЛ 24 мм  
GLAZING BEAD** **3816**

ТЕГЛО / WEIGHT (gr/m) W=178

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

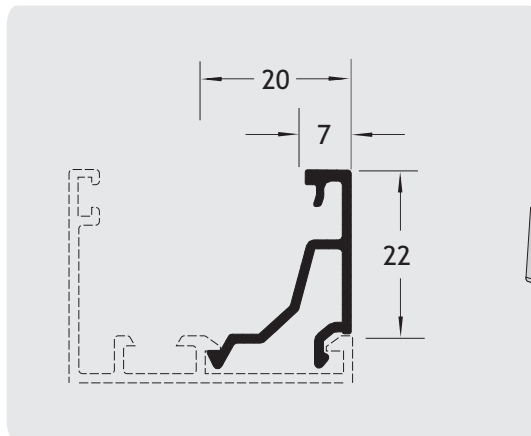
J<sub>y</sub>=0,21

Периметър / Perimeter (mm) P=93

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**СТЪКЛОДЪРЖАТЕЛ 20 мм  
GLAZING BEAD** **3817**

ТЕГЛО / WEIGHT (gr/m) W=236

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

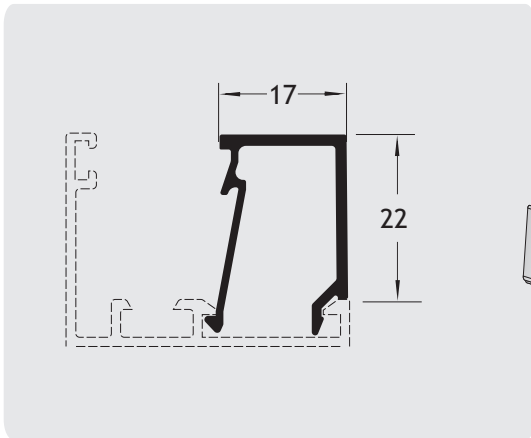
J<sub>y</sub>=0,23

Периметър / Perimeter (mm) P=128

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**СТЪКЛОДЪРЖАТЕЛ 10 мм  
GLAZING BEAD**

**3818**

ТЕГЛО / WEIGHT (gr/m) W=261

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

J<sub>x</sub>=0,71

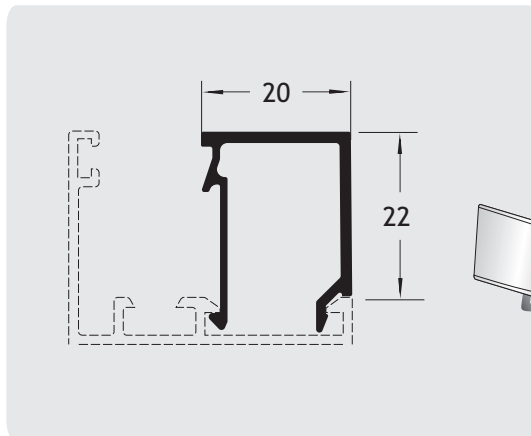
J<sub>y</sub>=0,43

Периметър / Perimeter (mm) P=146

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**СТЪКЛОДЪРЖАТЕЛ 6 мм  
GLAZING BEAD**

**3819**

ТЕГЛО / WEIGHT (gr/m) W=273

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

J<sub>x</sub>=0,75

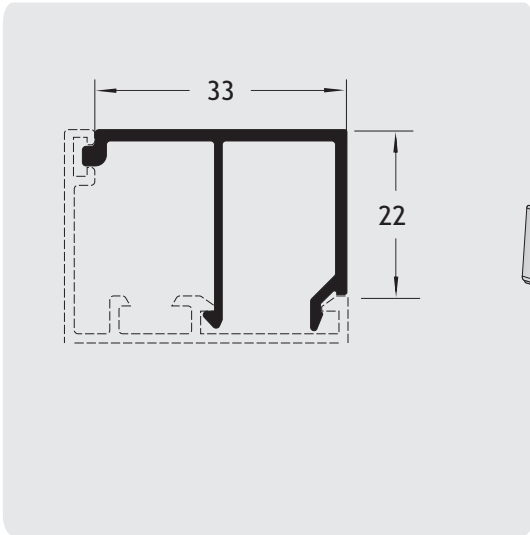
J<sub>y</sub>=0,56

Периметър / Perimeter (mm) P=151

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**НУЛЕВ СЪКЛОДЪРЖАТЕЛ  
GLAZING BEAD** **3820**

ТЕГЛО / WEIGHT (gr/m) W=339

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

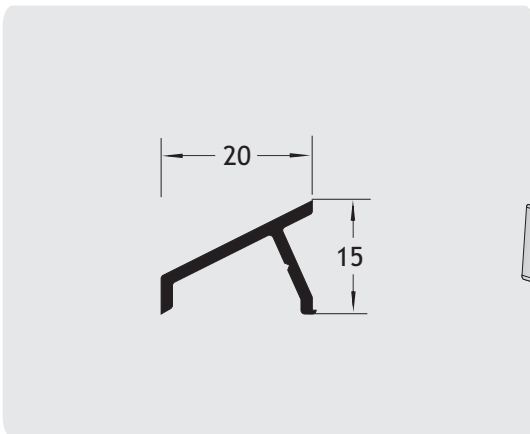
J<sub>x</sub>=0,91  
J<sub>y</sub>=1,48

Периметър / Perimeter (mm) P=182

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**ВОДОБРАН  
WATER CAP** **3821**

ТЕГЛО / WEIGHT (gr/m) W=152

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

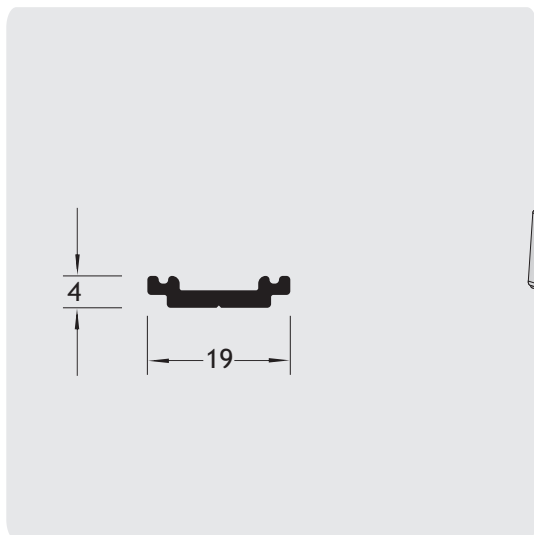
J<sub>x</sub>=0,08  
J<sub>y</sub>=0,25

Периметър / Perimeter (mm) P=79

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**РИГЛА  
DJOINING PROFILE**

**3825**

ТЕГЛО / WEIGHT (gr/m)

W=129

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=0,00

J<sub>y</sub>=0,14

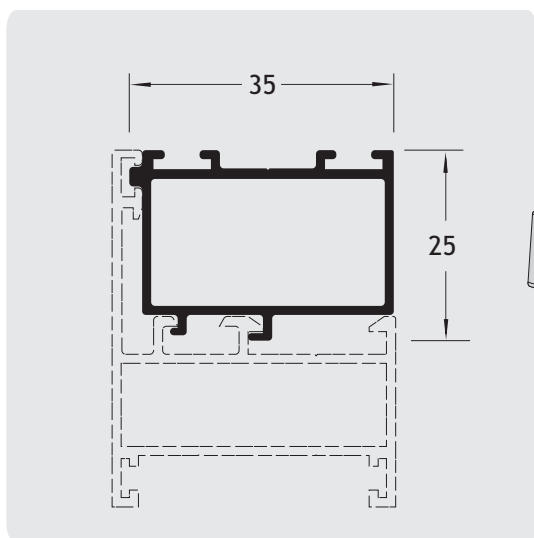
Периметър / Perimeter (mm)

P=50

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**ДОБАВКА КЪМ КАСА  
И ДЕЛИТЕЛ ЗА ЛЕТЯЩА ВРАТА  
ADJOINING PROFILE**

**3826**

ТЕГЛО / WEIGHT (gr/m)

W=431

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=1,18

J<sub>y</sub>=2,30

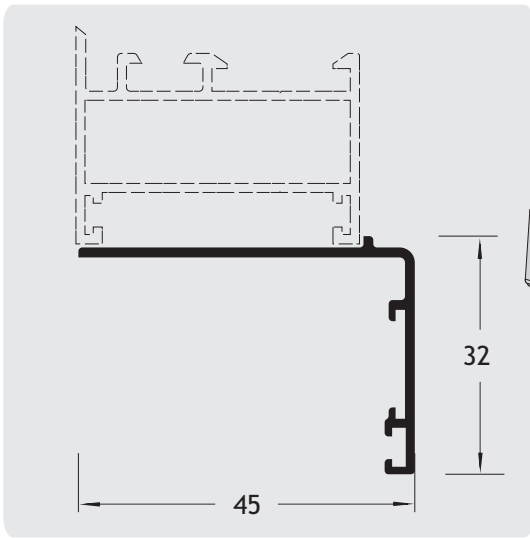
Периметър / Perimeter (mm)

P=152

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**ПЕРВАЗ  
TRIMING PROFILE**

**3827**

ТЕГЛО / WEIGHT (gr/m)

W=294

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=1,07

J<sub>y</sub>=2,14

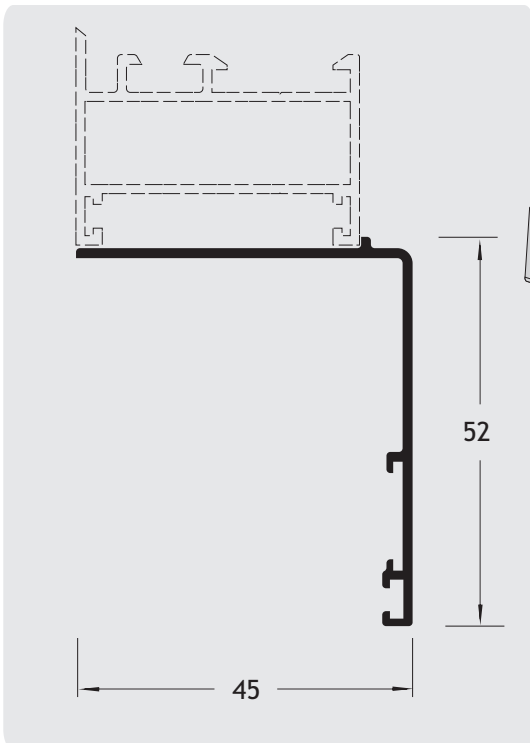
Периметър / Perimeter (mm)

P=174

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**ПЕРВАЗ  
TRIMING PROFILE**

**3828**

ТЕГЛО / WEIGHT (gr/m)

W=365

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=4,06

J<sub>y</sub>=2,43

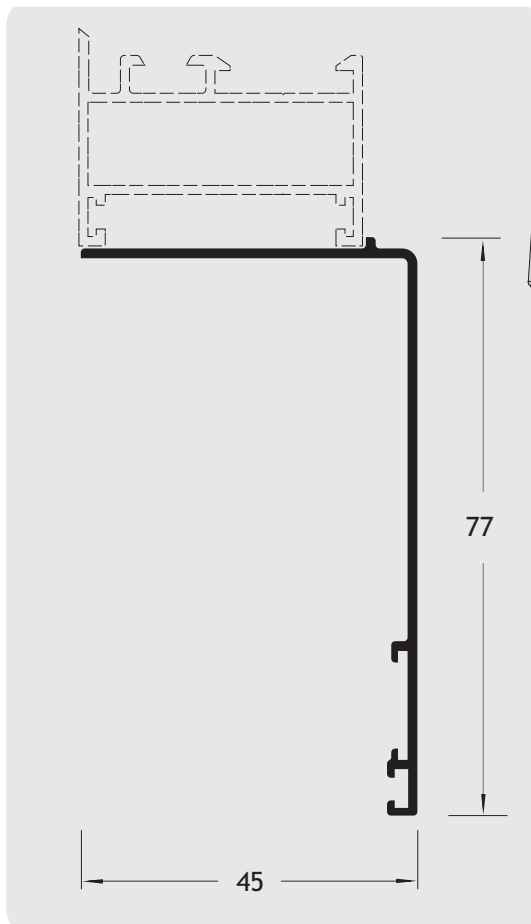
Периметър / Perimeter (mm)

P=214

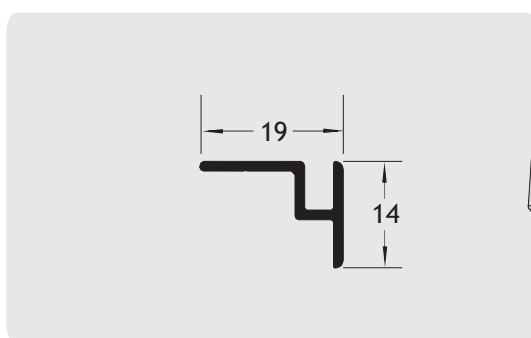
**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner

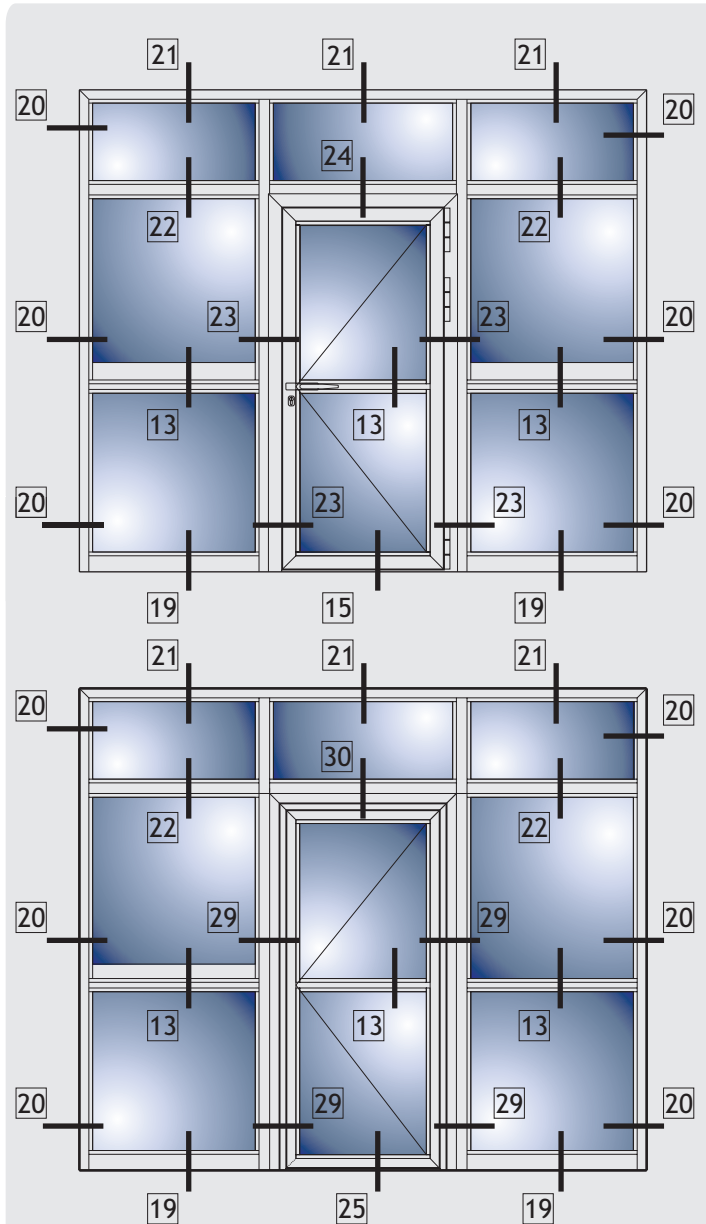
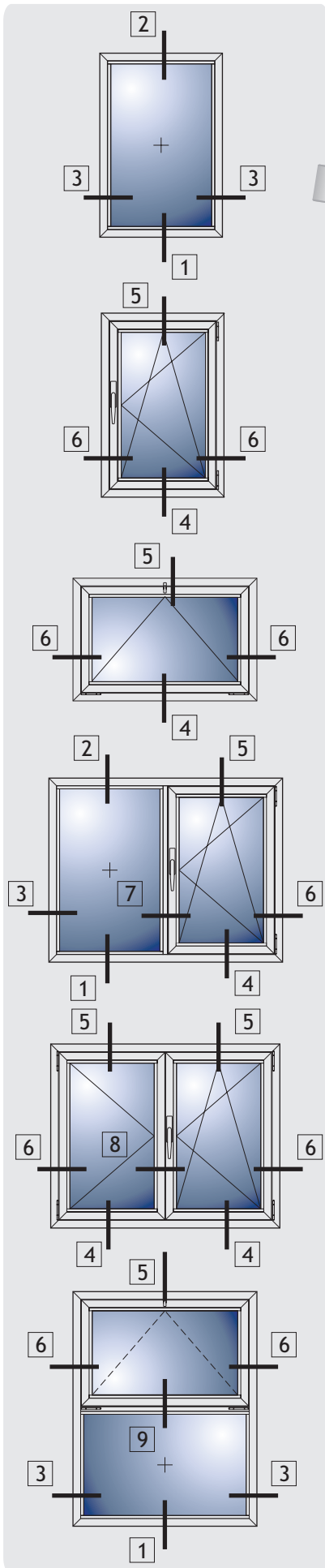


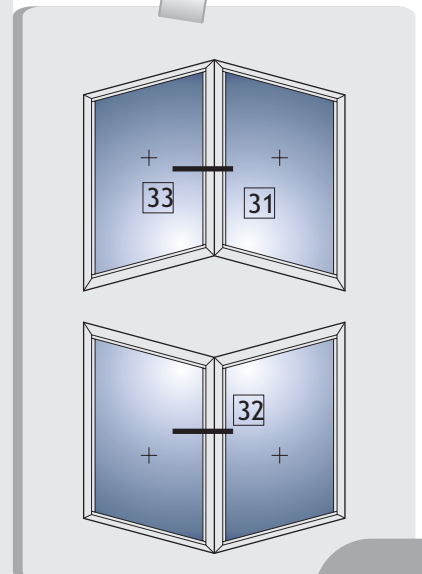
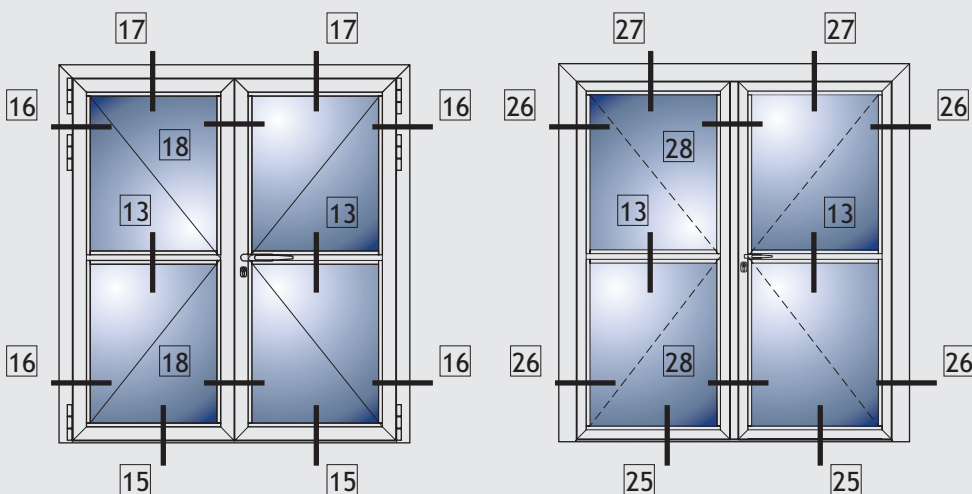
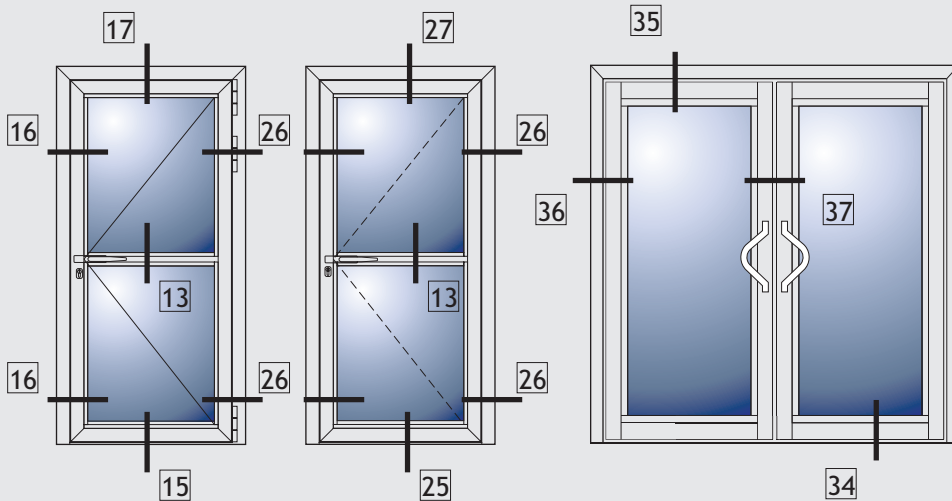
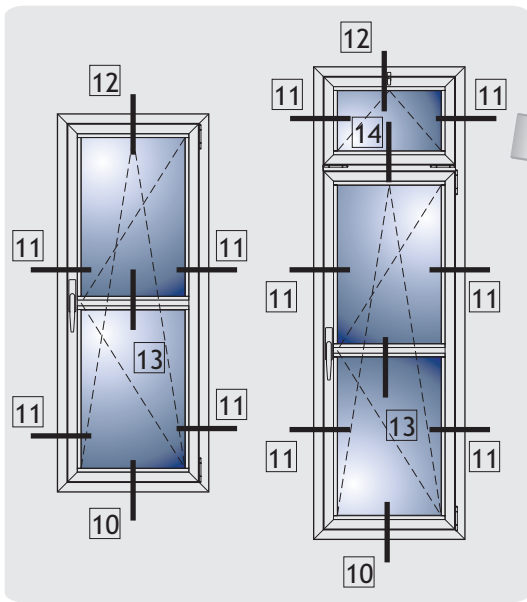
<b>ПЕРВАЗ TRIMING PROFILE</b>	<b>3829</b>
ТЕГЛО / WEIGHT (gr/m)	W=452
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=11,56
	Jy=2,67
Периметър / Perimeter (mm)	P=264
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	

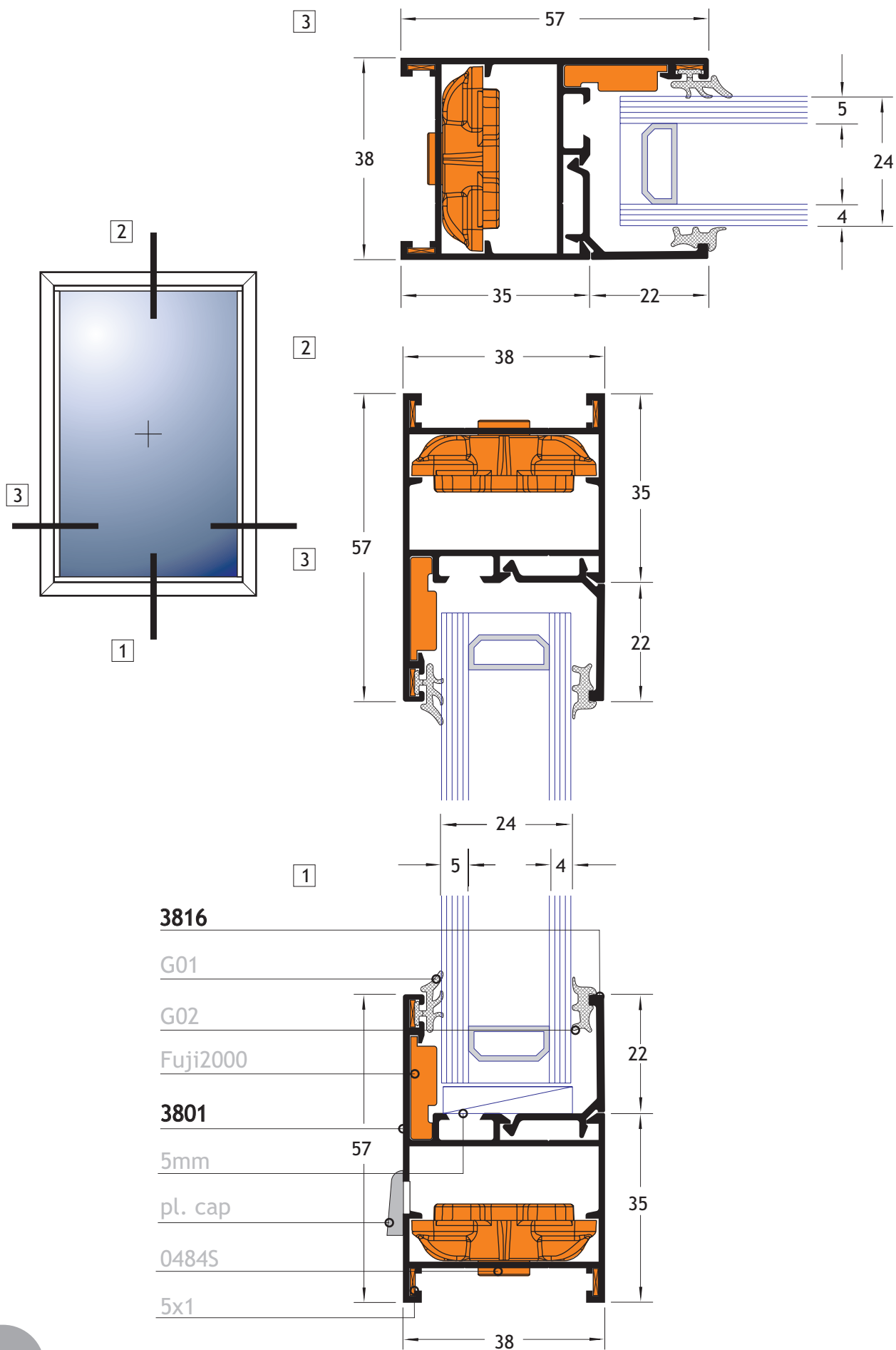


<b>СЪЧЕТАВАЩ ПРОФИЛ ADJOINING PROFILE</b>	<b>3831</b>
ТЕГЛО / WEIGHT (gr/m)	W=121
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	
Периметър / Perimeter (mm)	P=76
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	

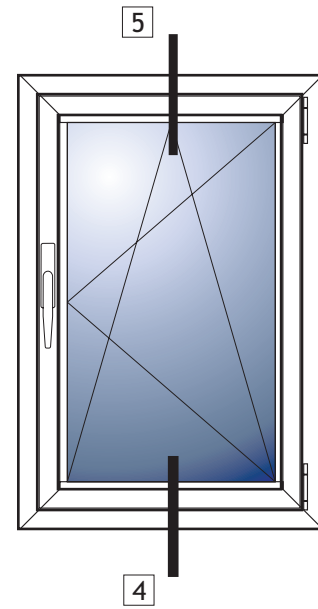
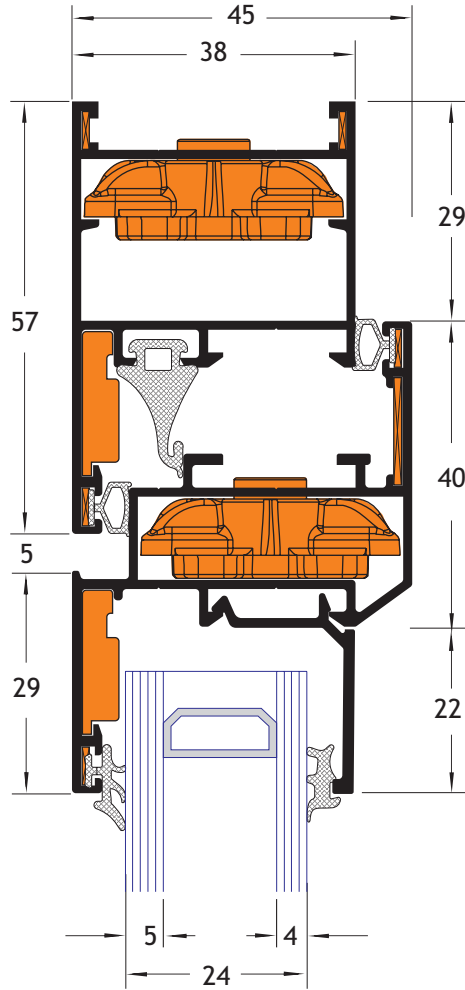








5



4

5x1

**3802**

Fuji2000

4,2x13mm

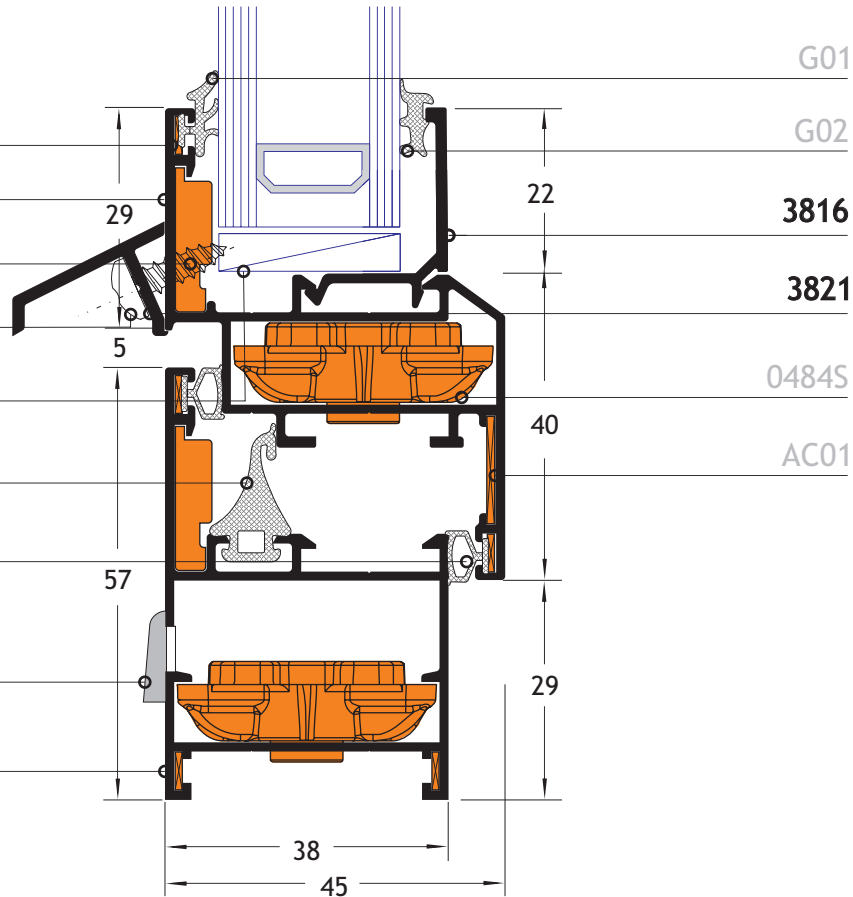
5mm

G03

G04

pl. cap

**3801**



G01

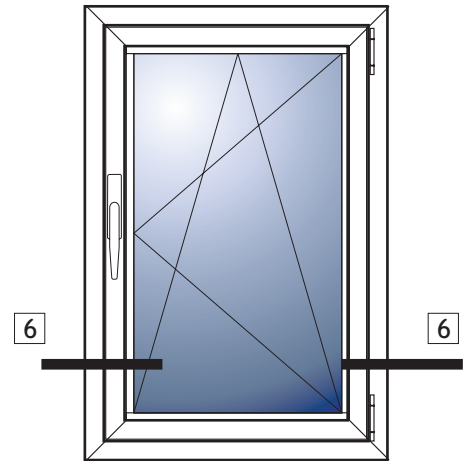
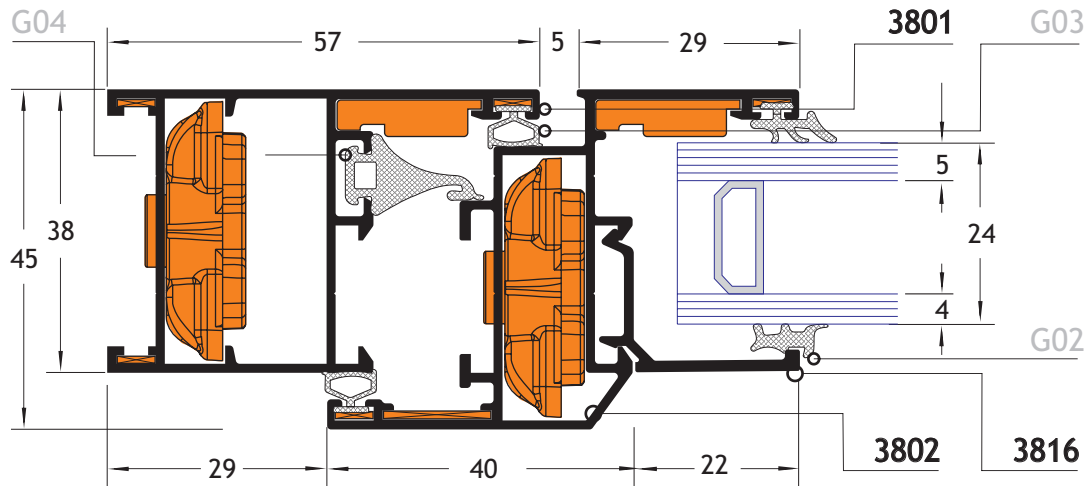
G02

**3816**

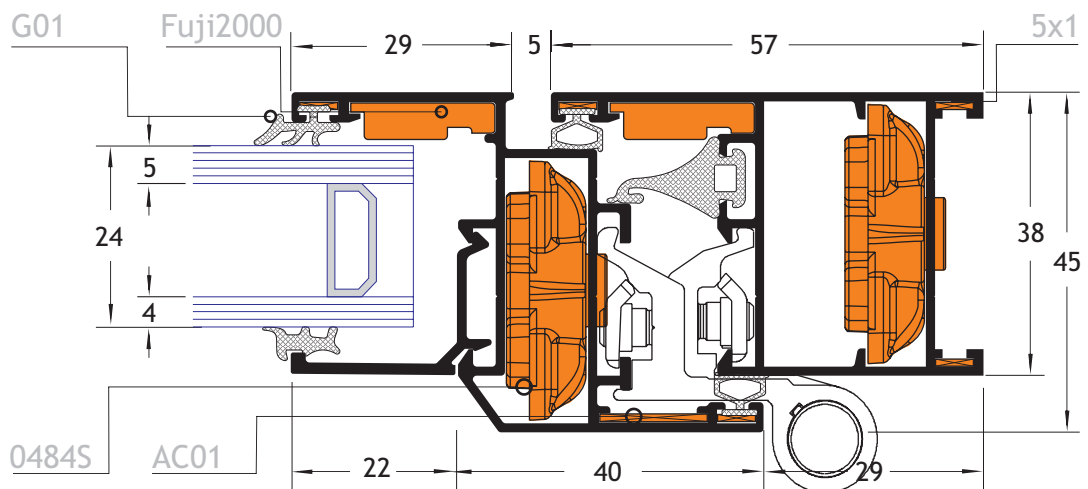
**3821**

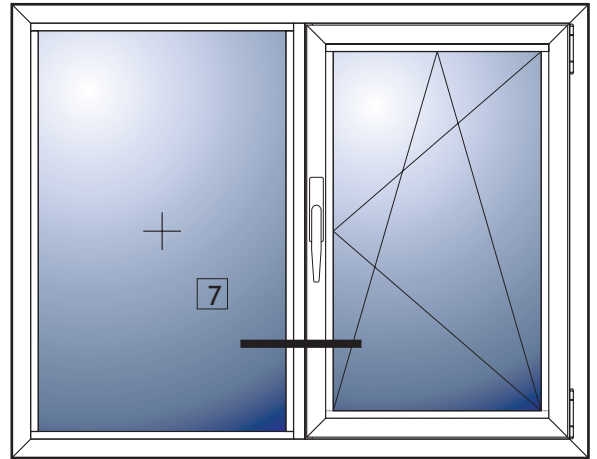
0484S

AC01



6





Fuji2000

0484S

**3807**

5x1

G01

G02

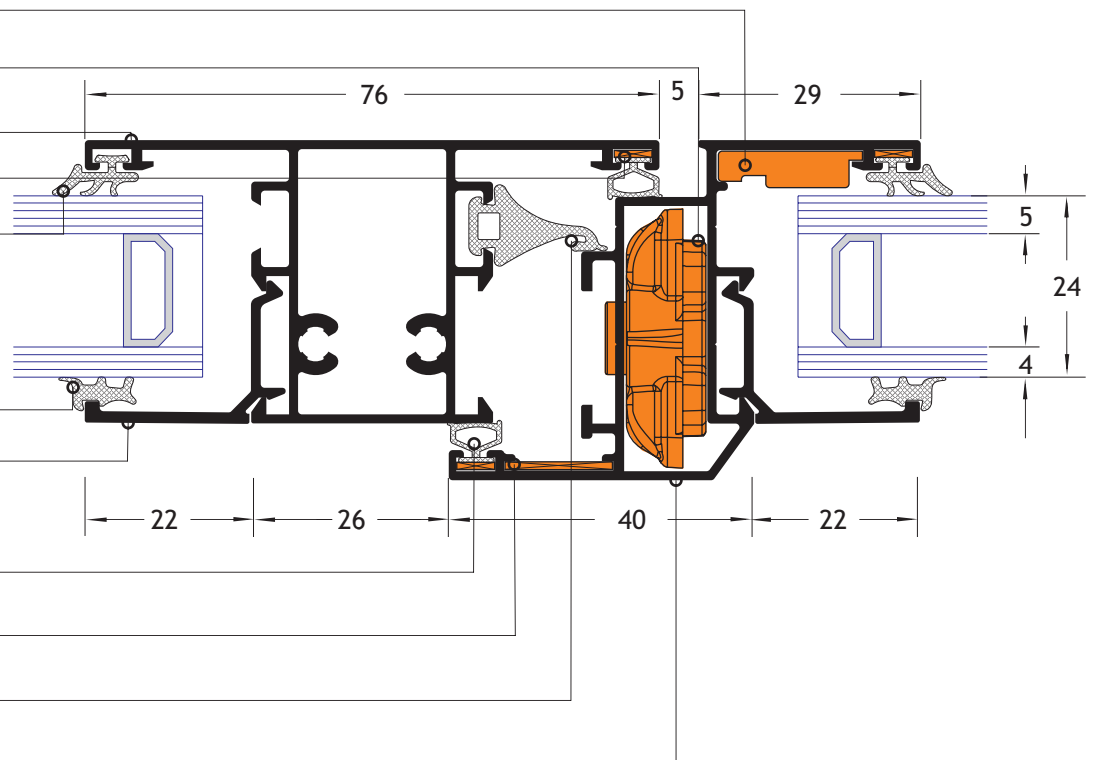
**3816**

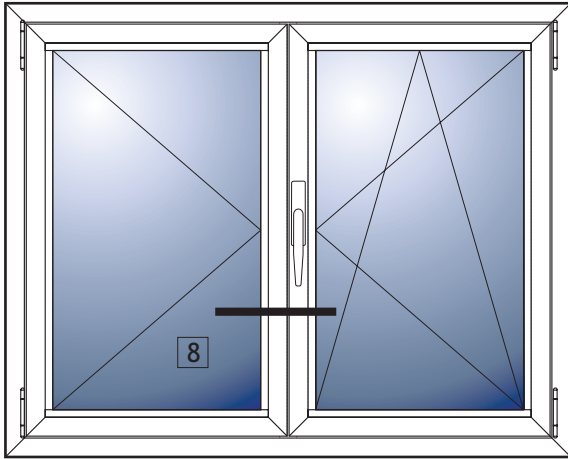
G03

AC01

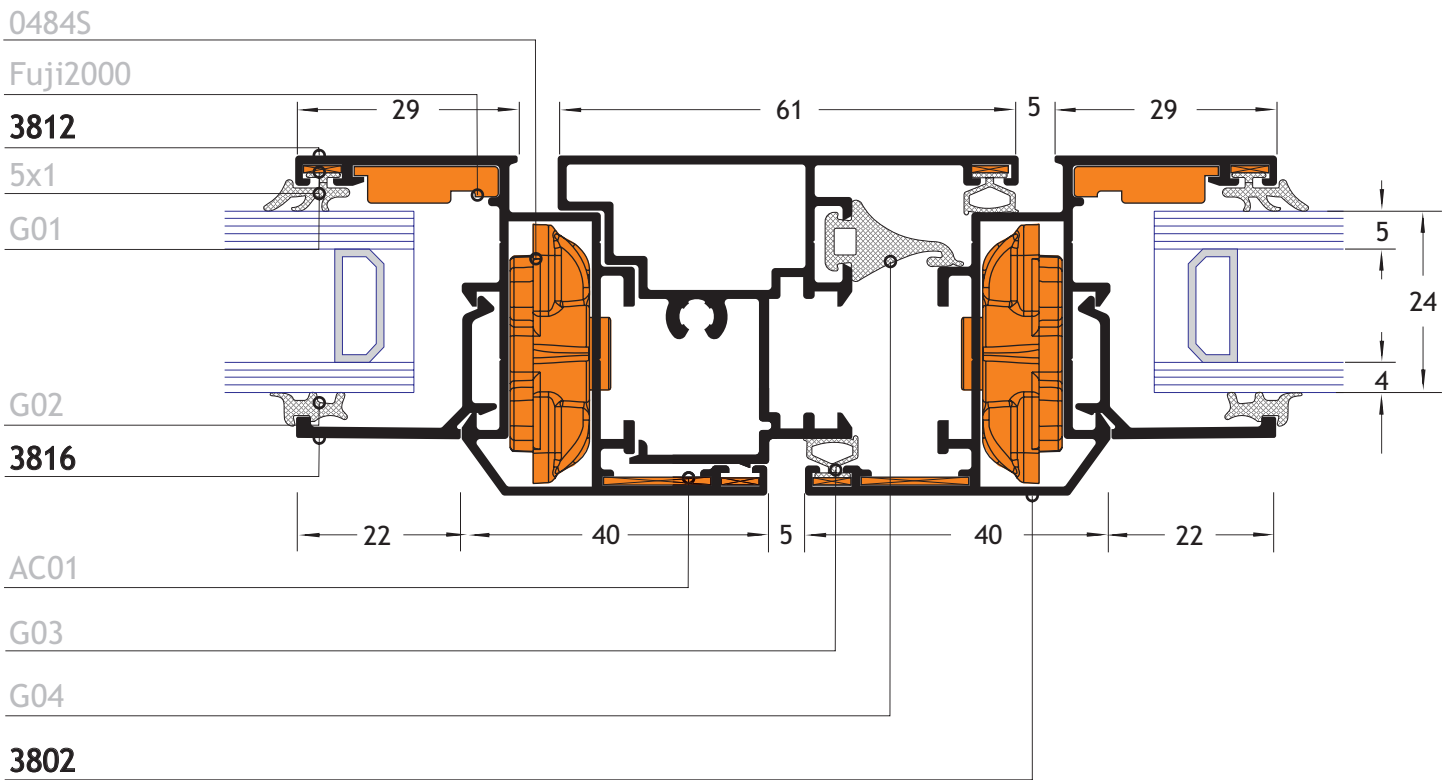
G04

**3802**

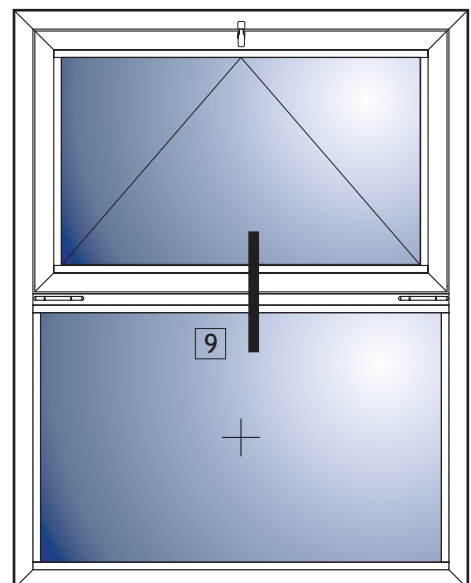
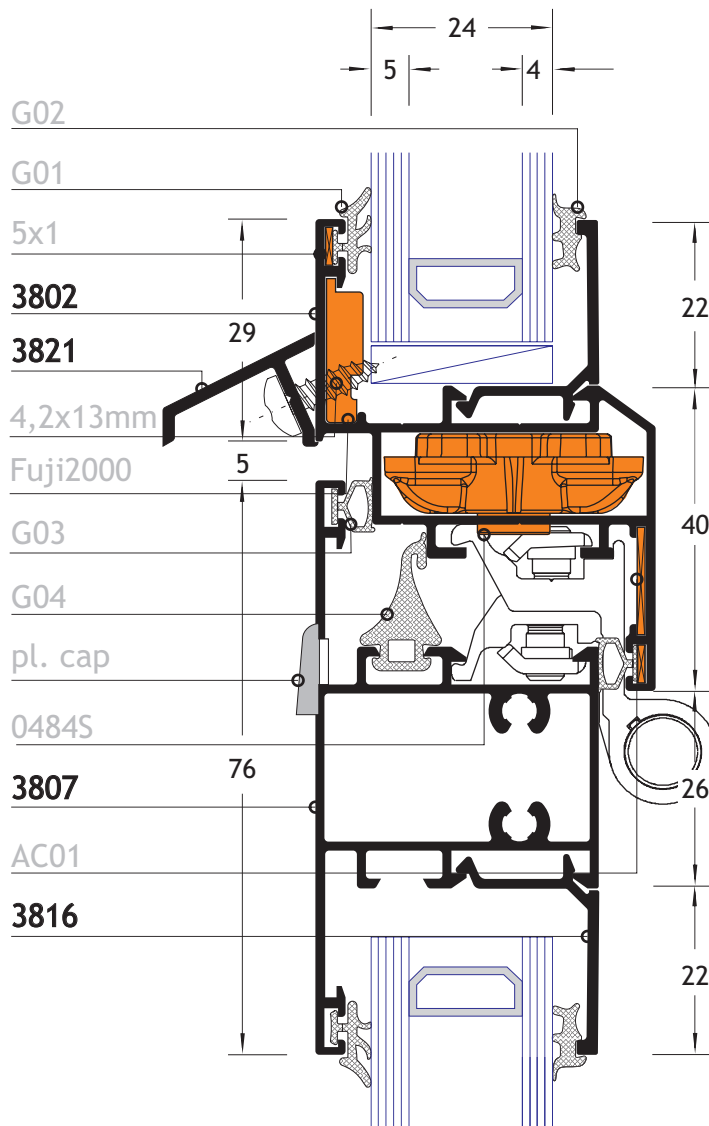


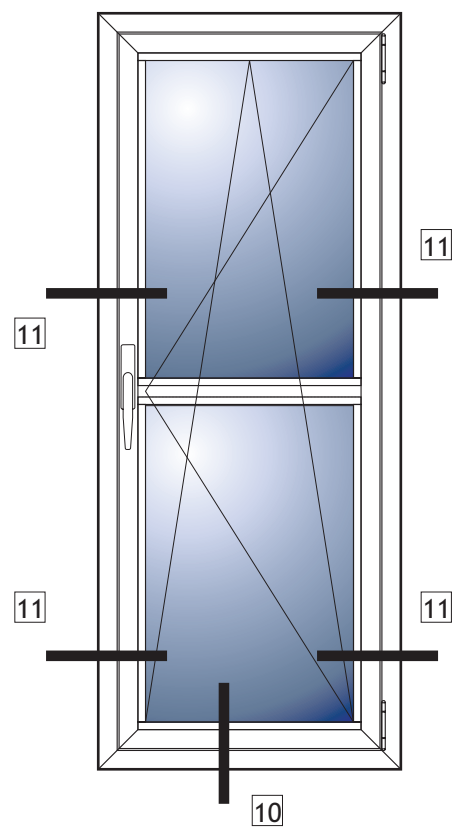
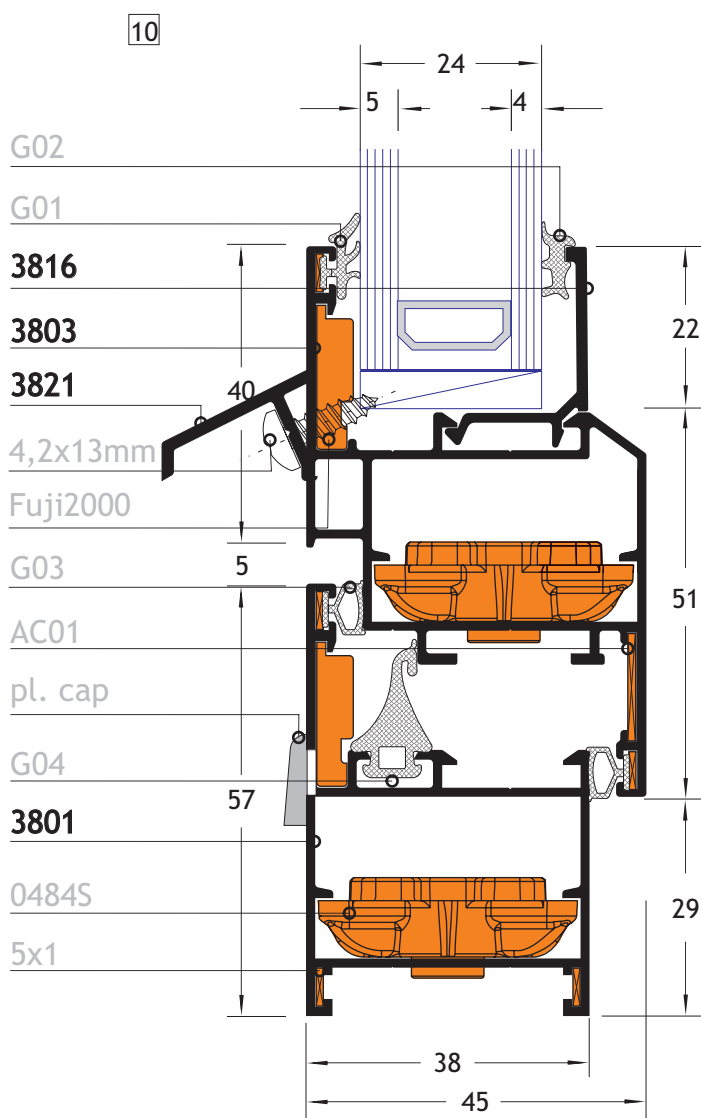
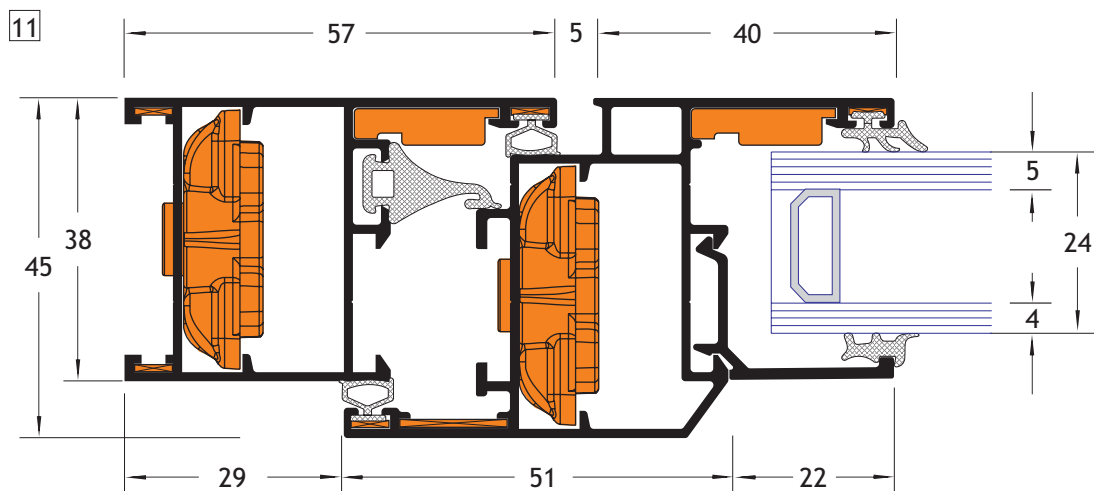


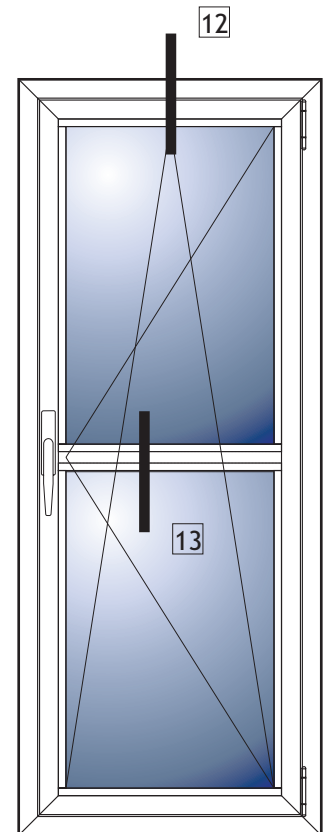
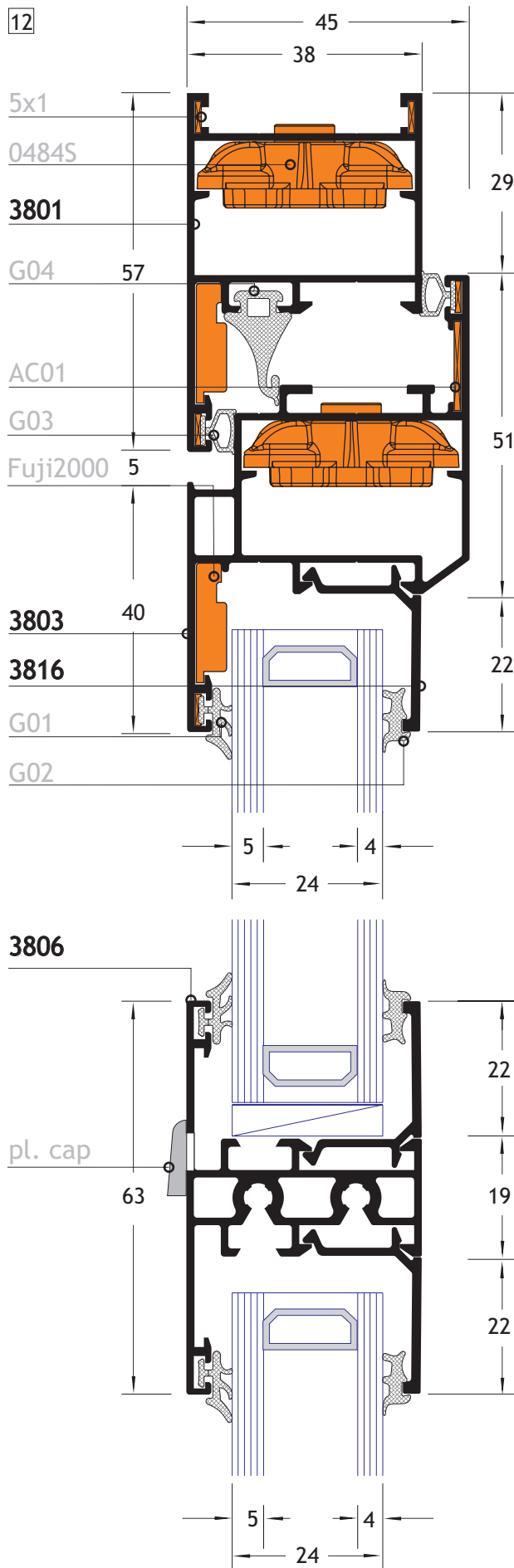
8

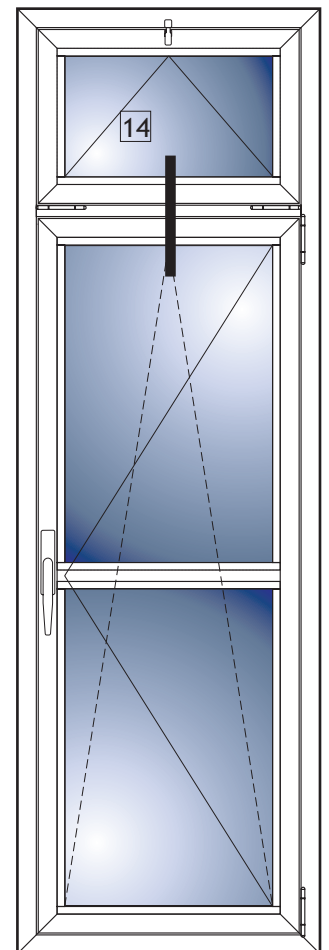
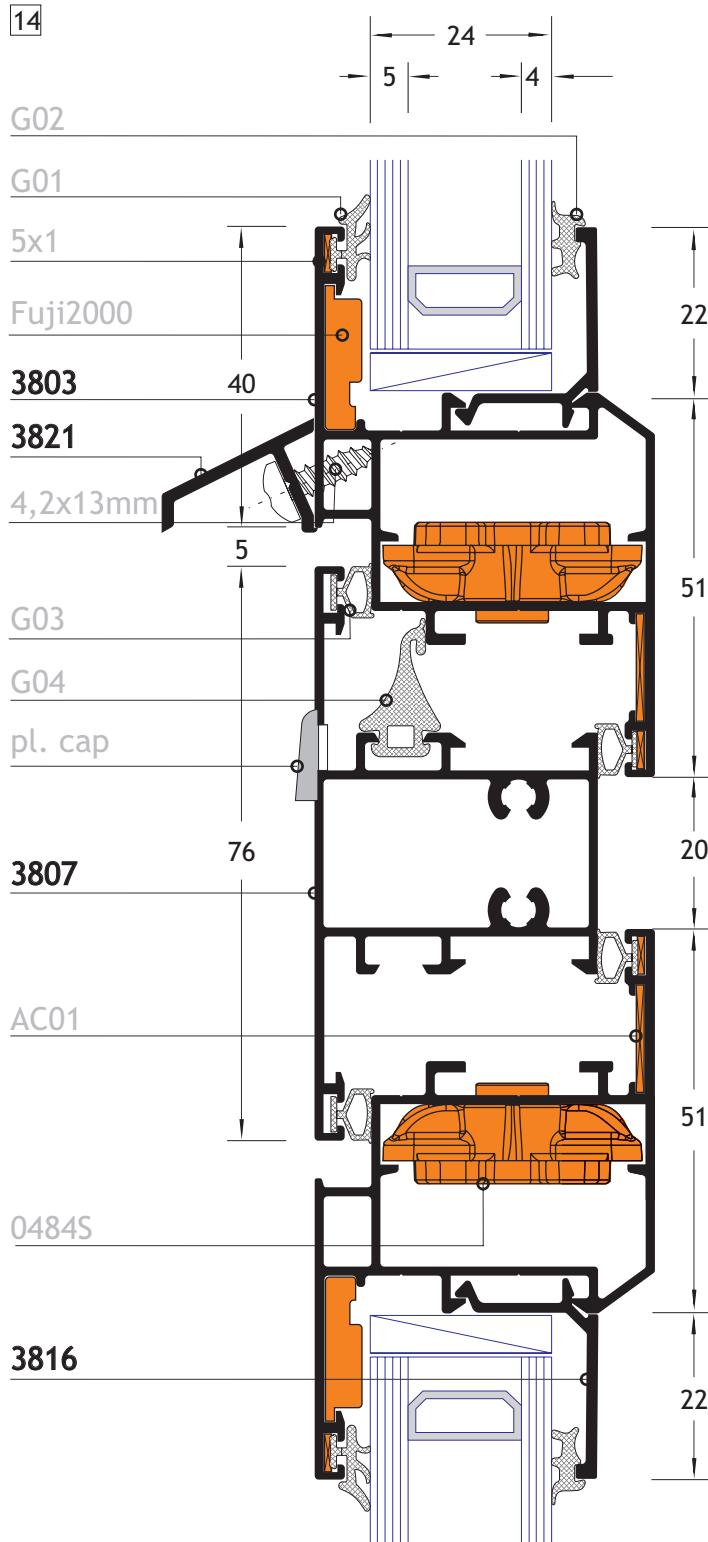


9

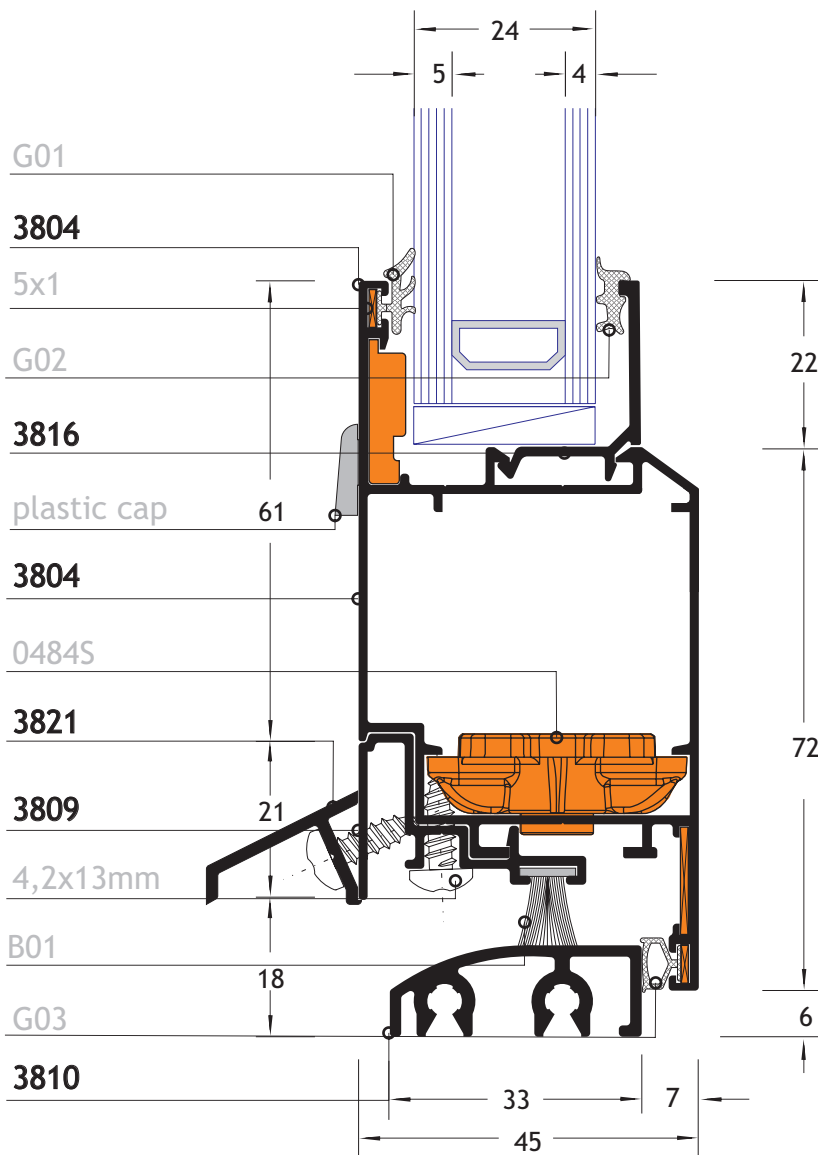
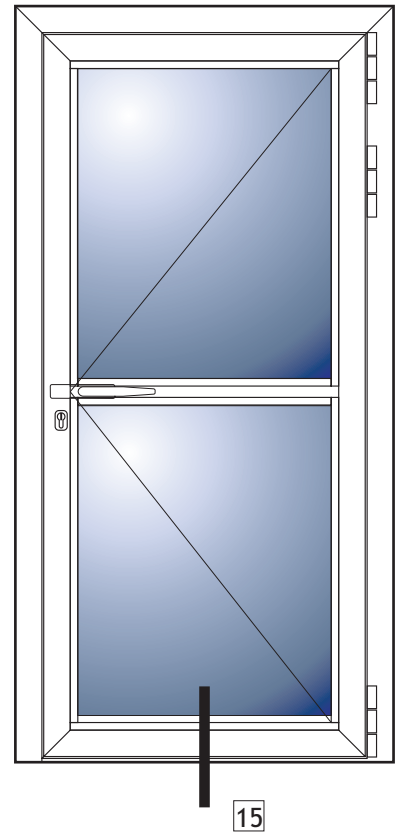








15



16

G01

3804

Fuji2000

5x1

0484S

3801

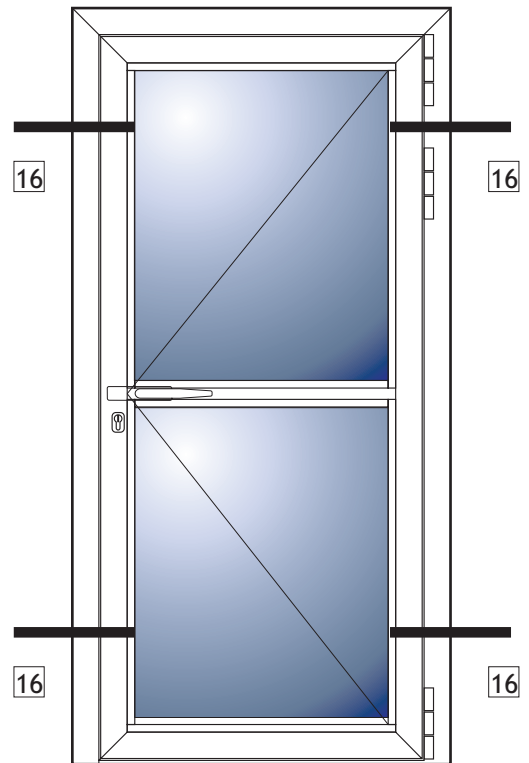
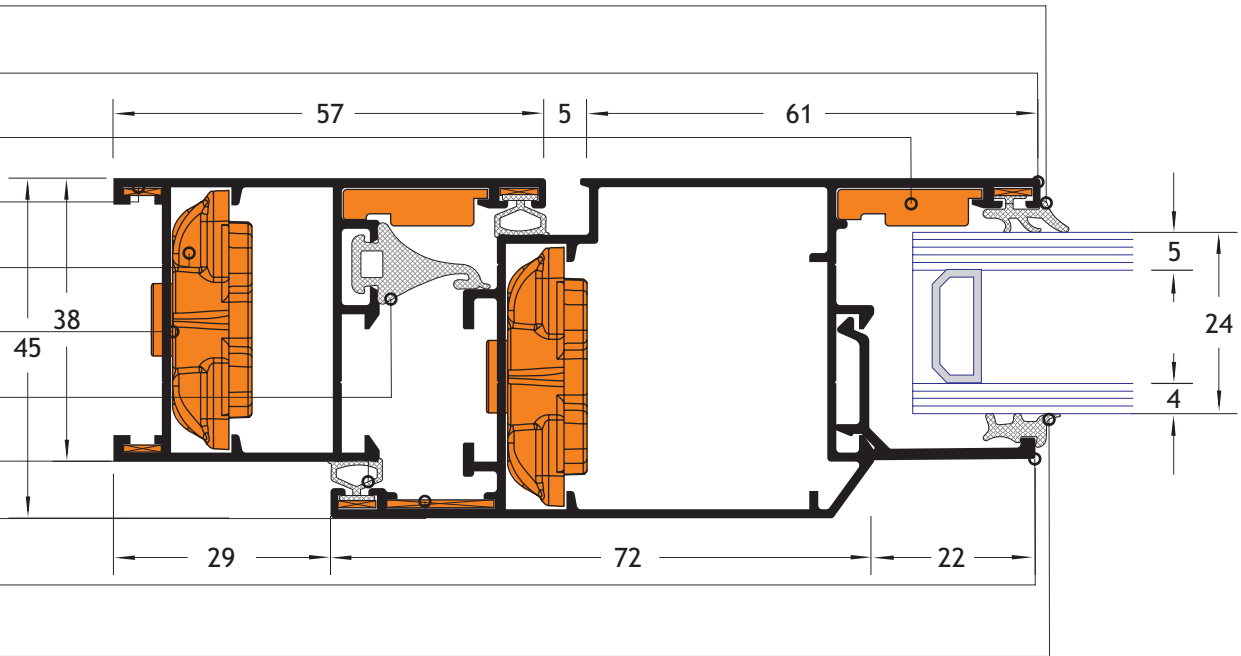
G04

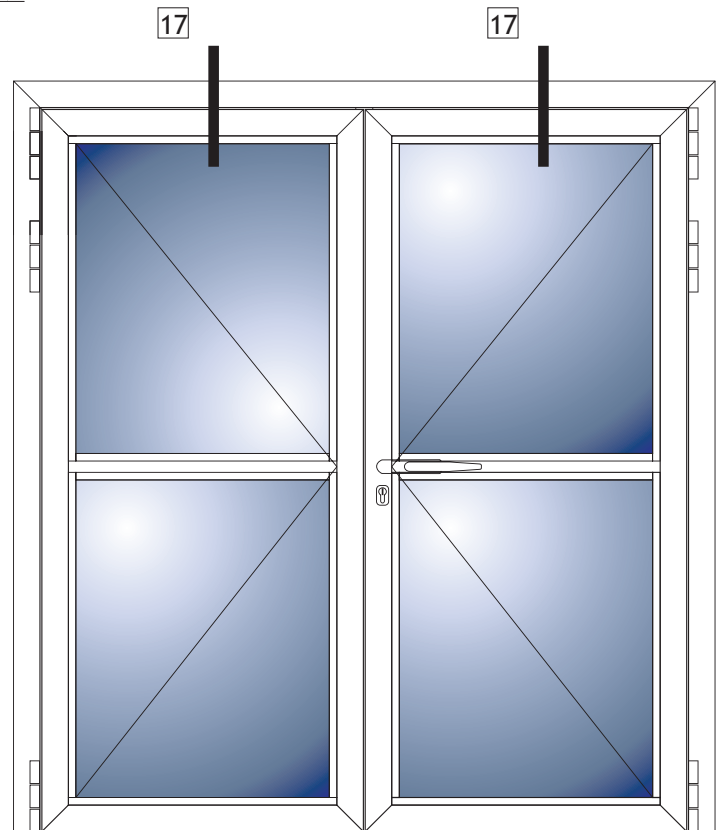
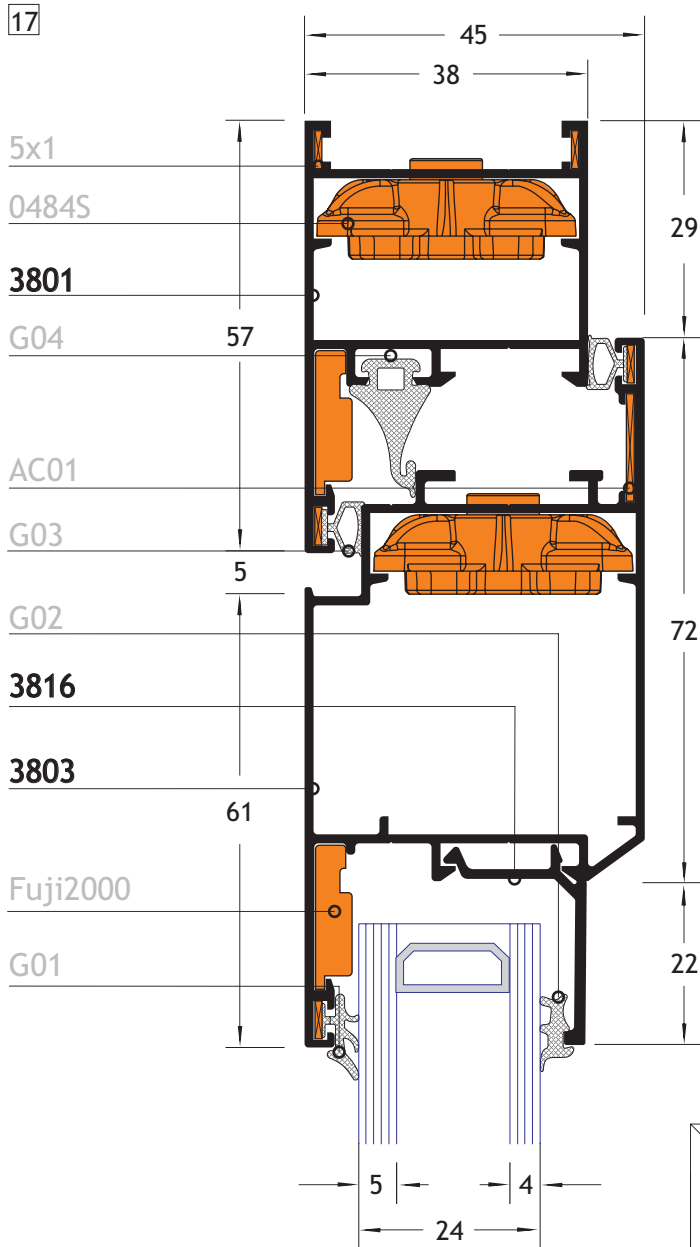
G03

AC01

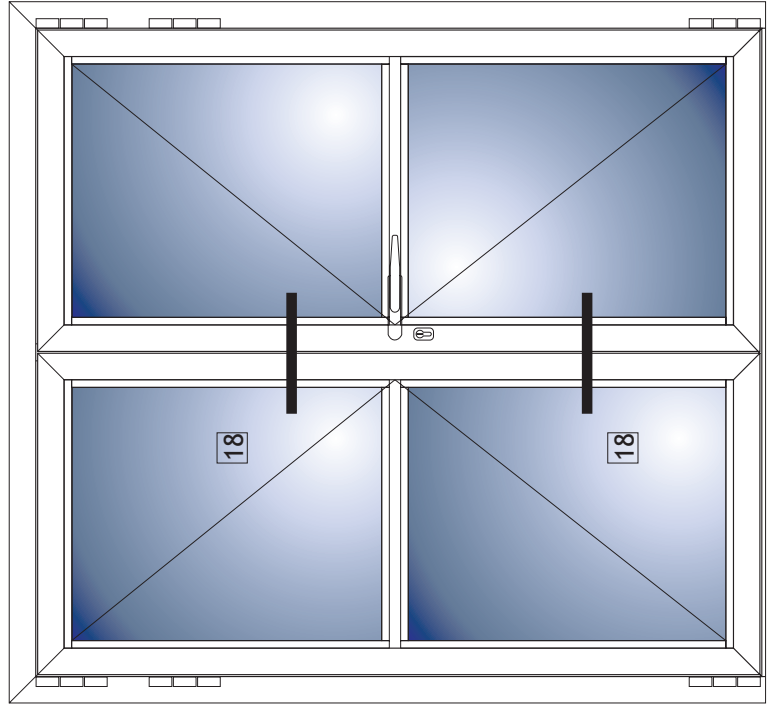
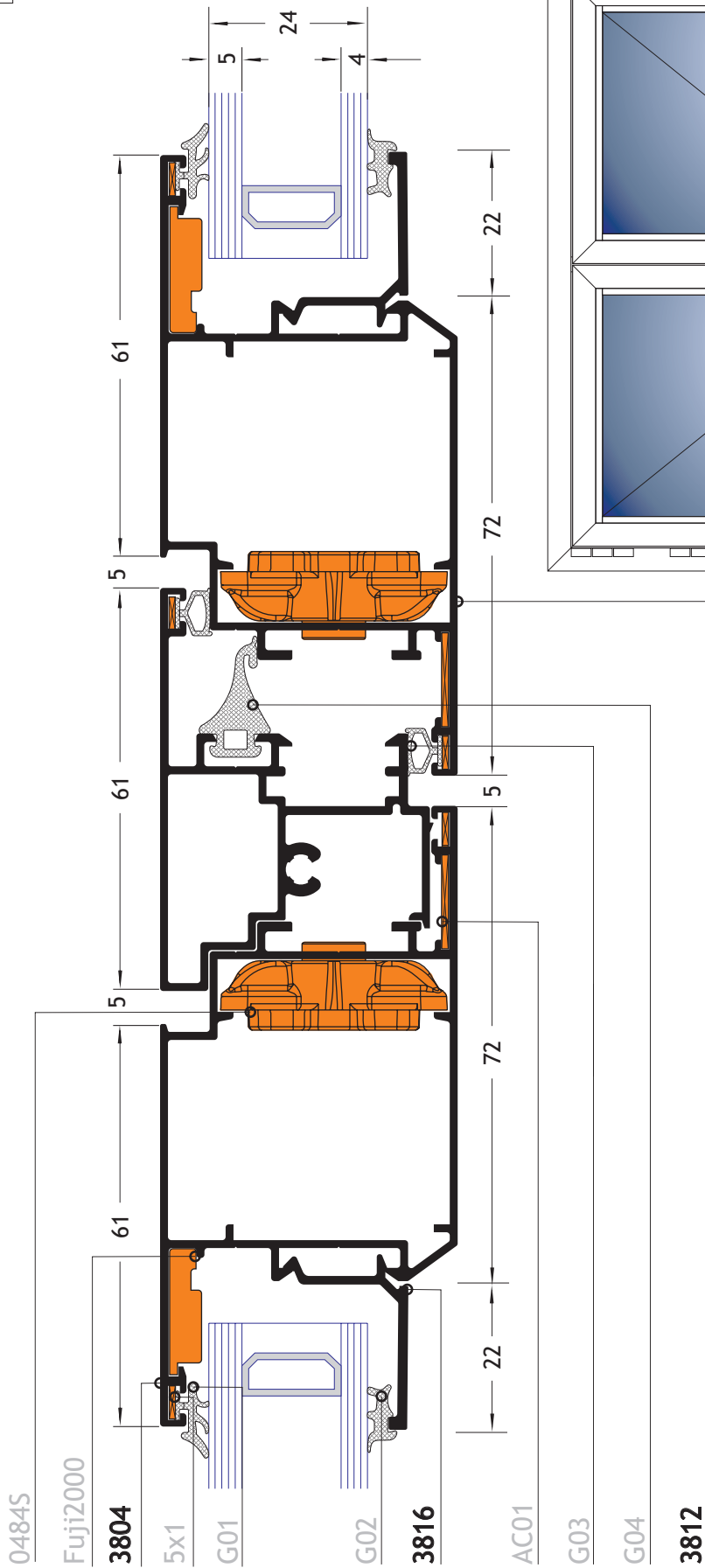
3816

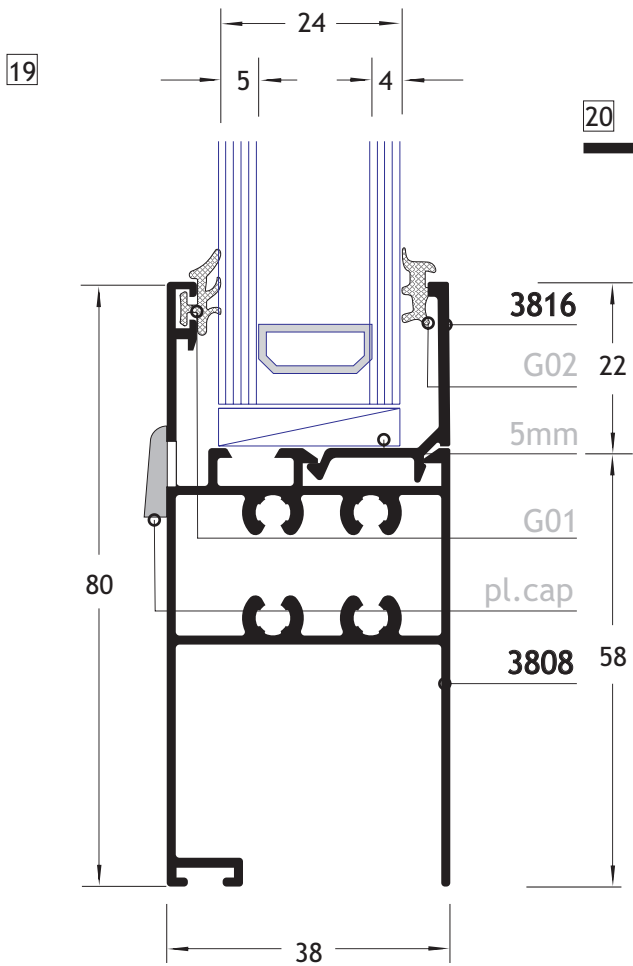
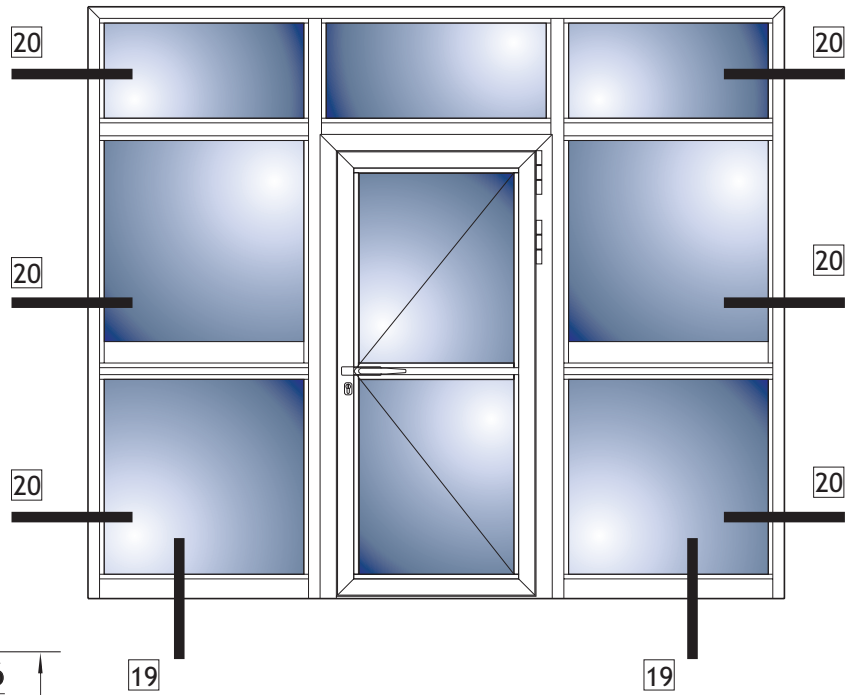
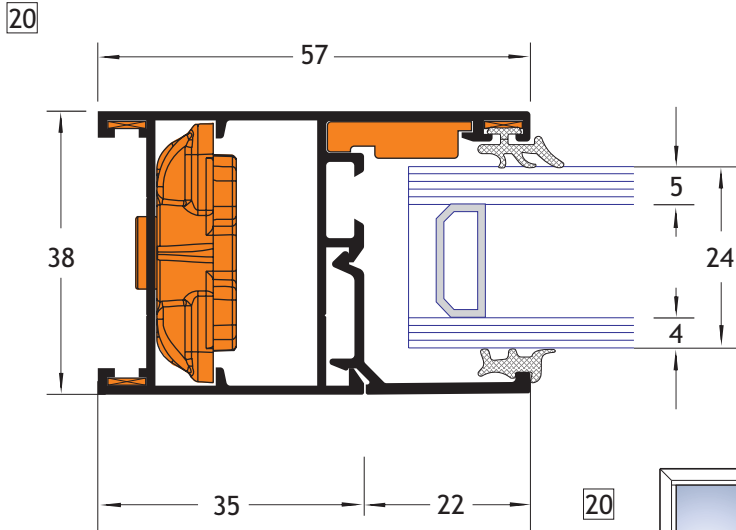
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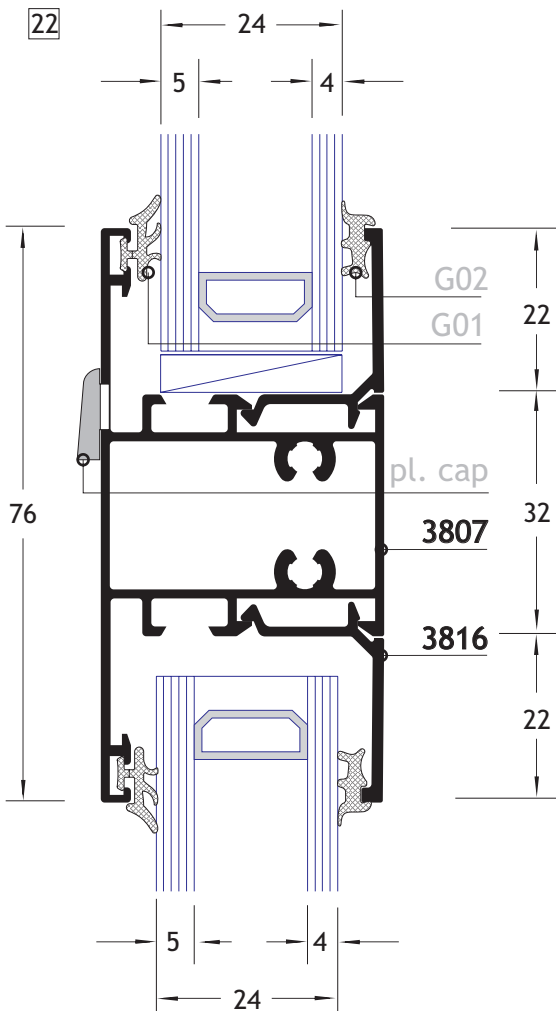
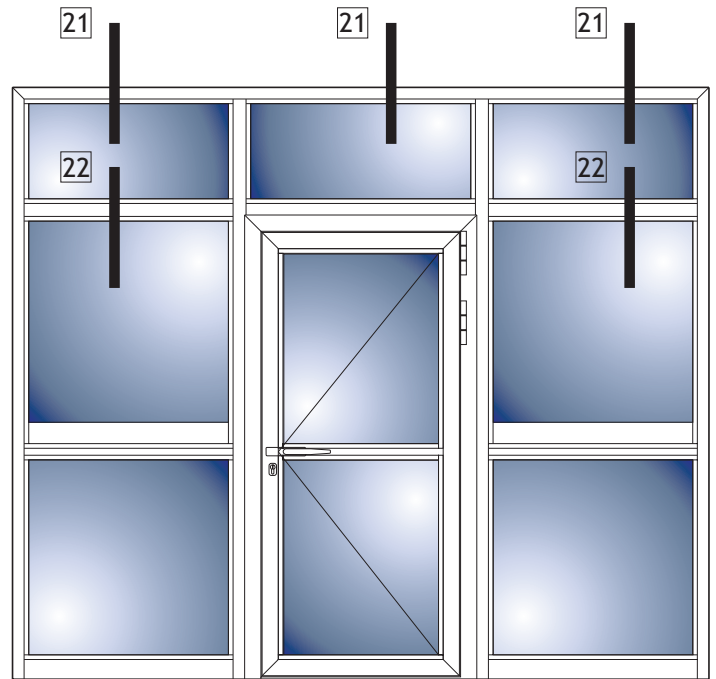
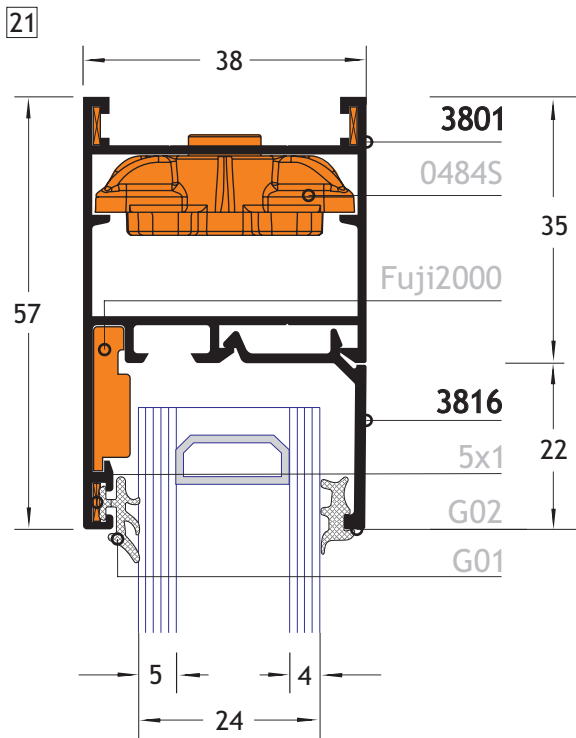


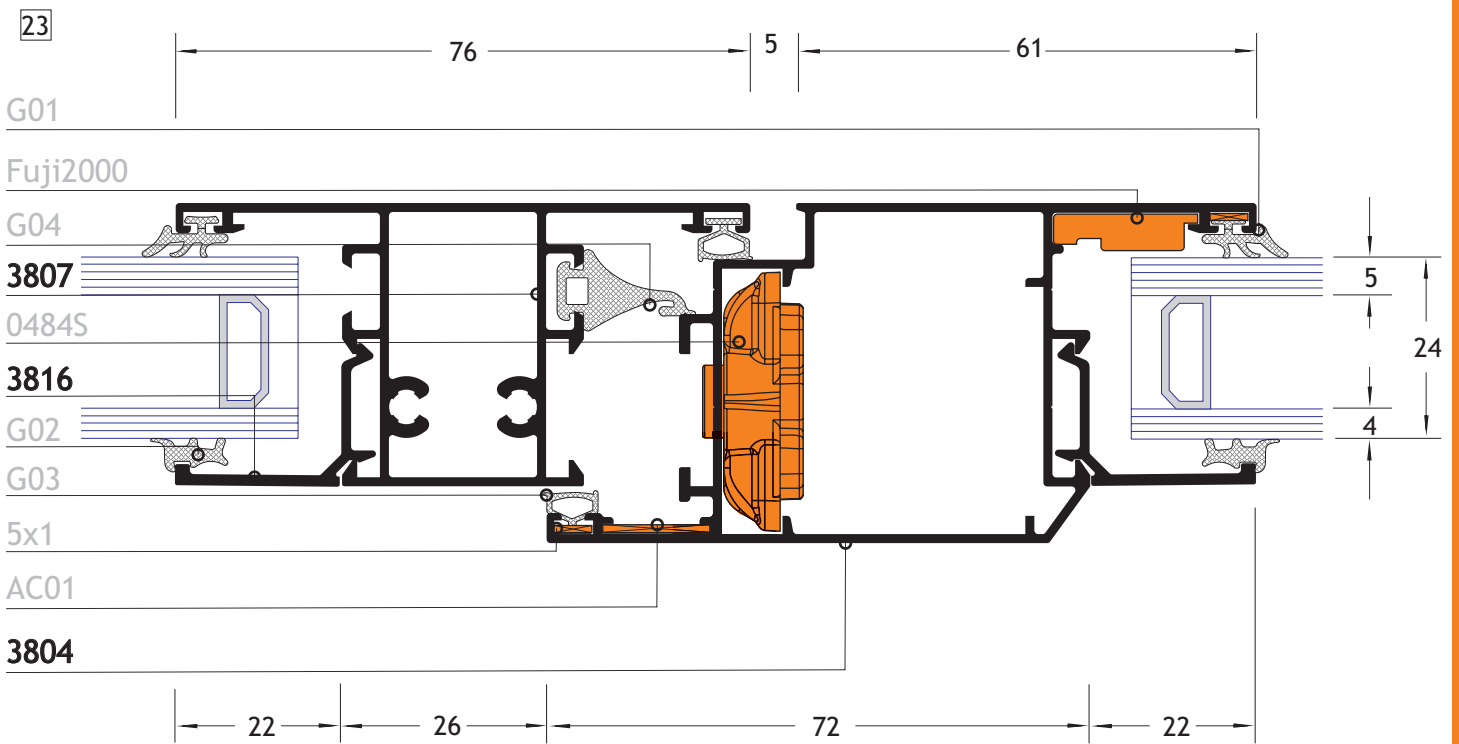
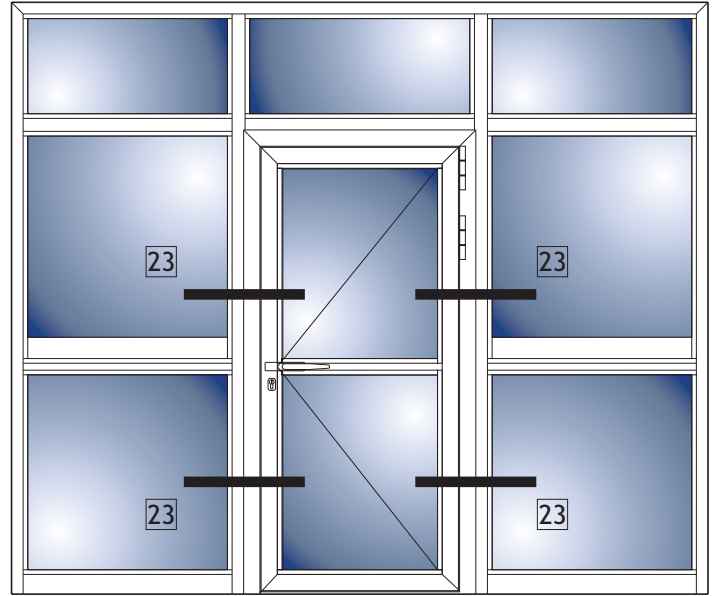


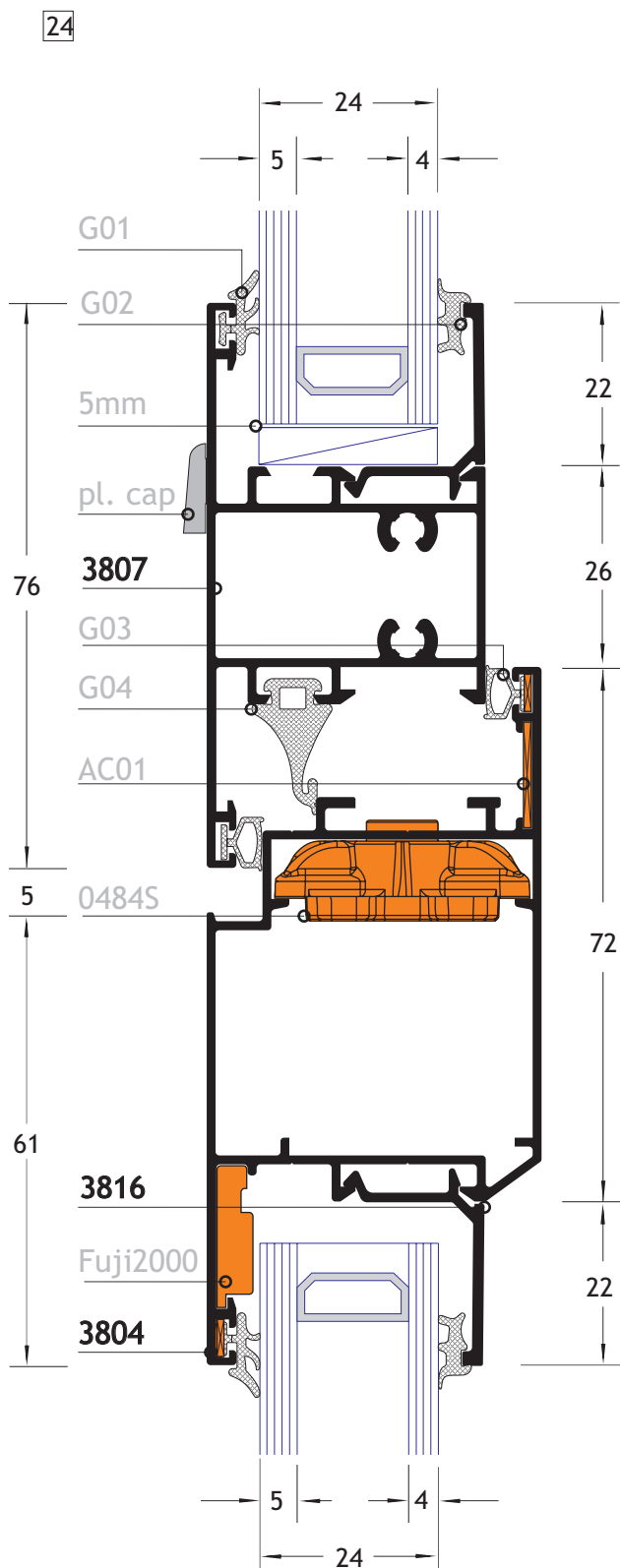
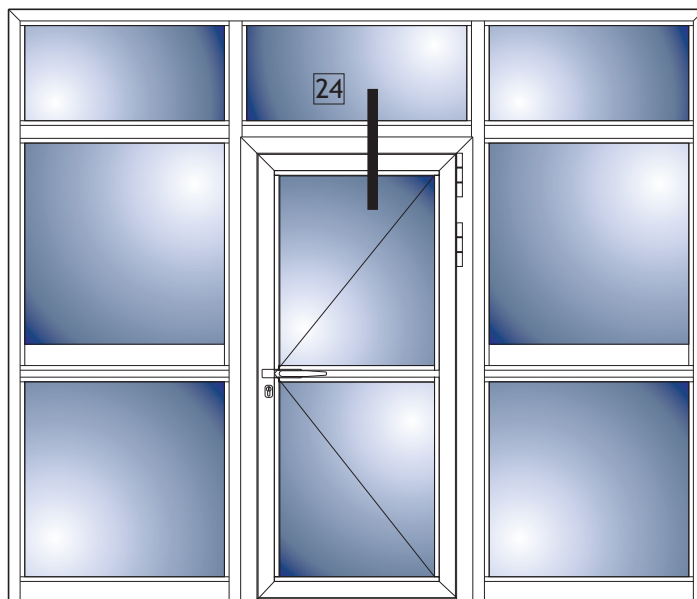
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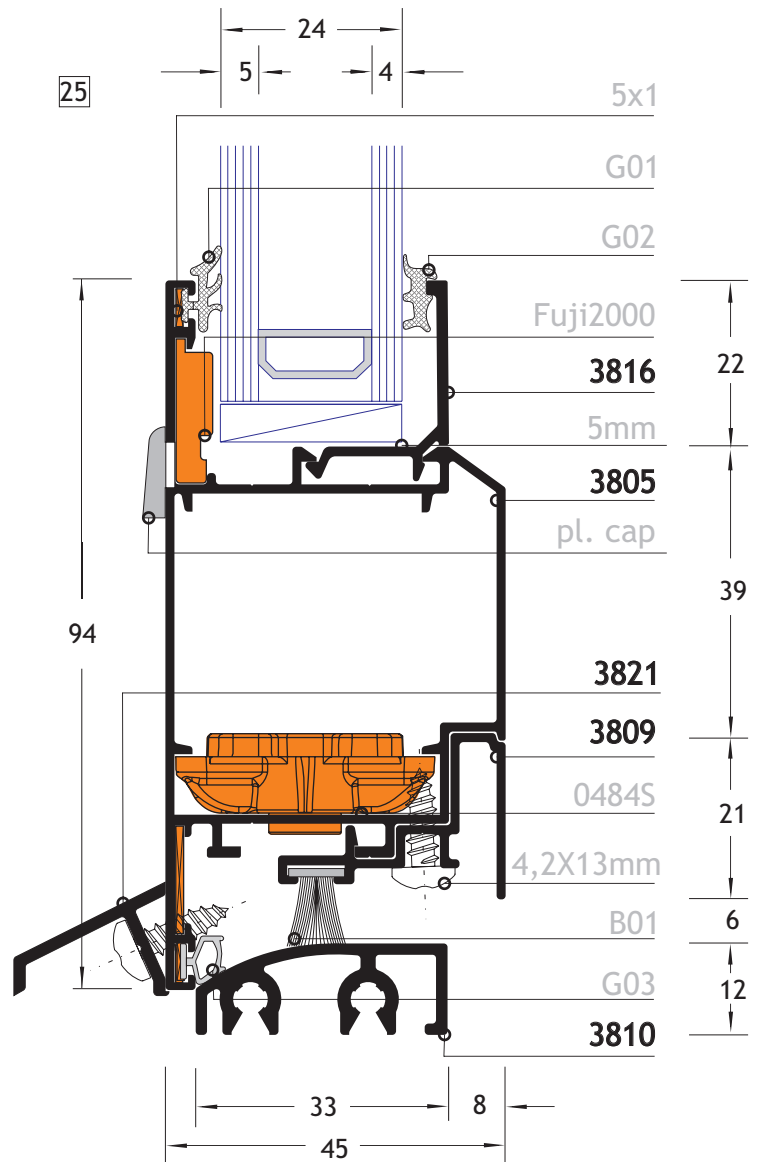
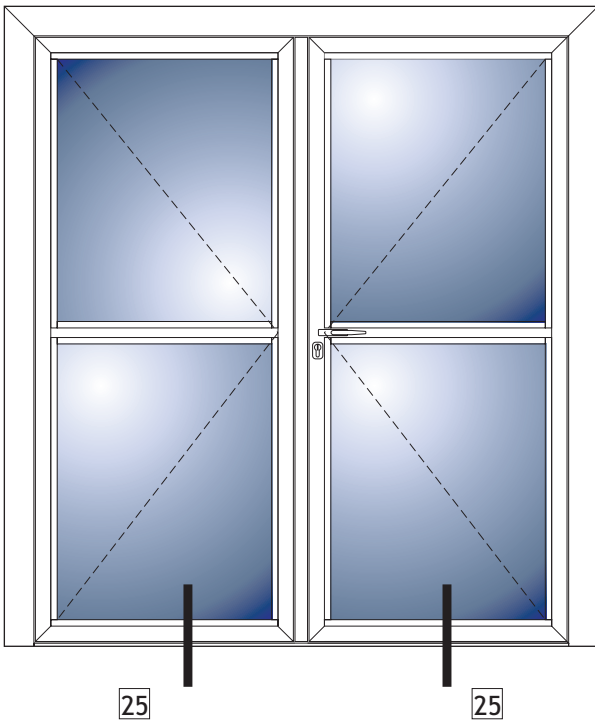


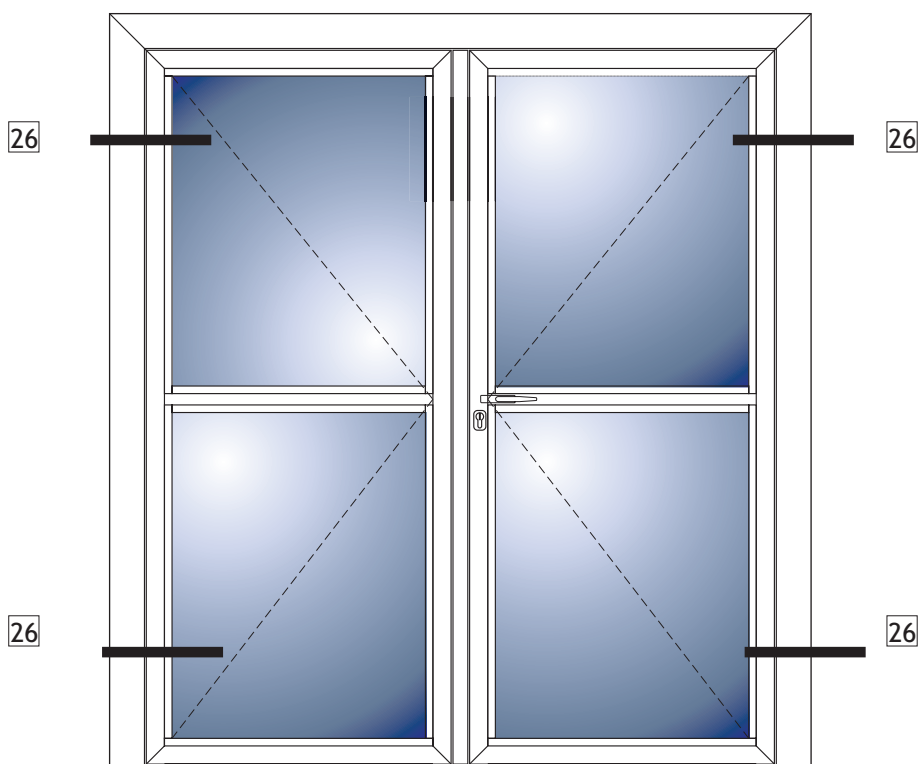
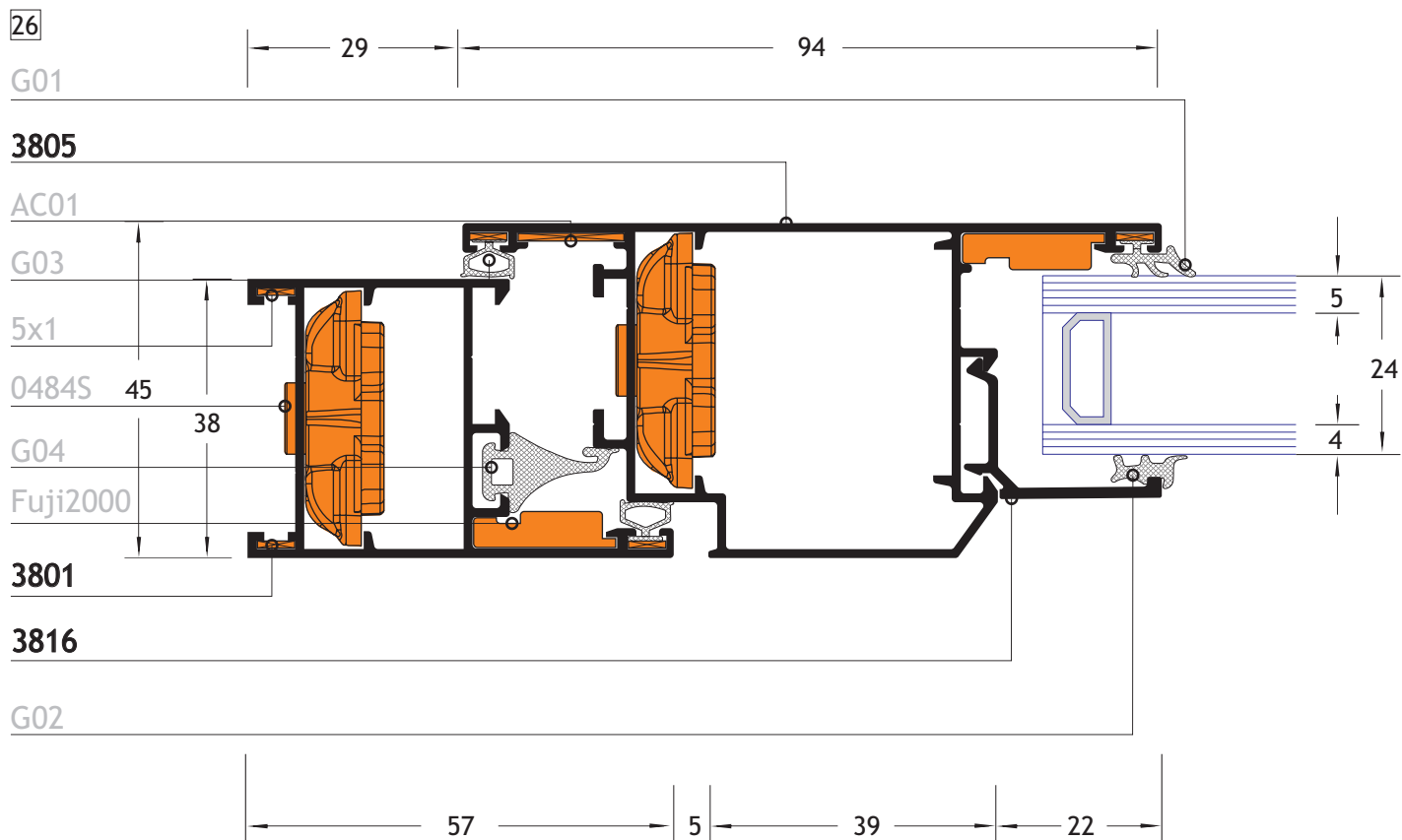


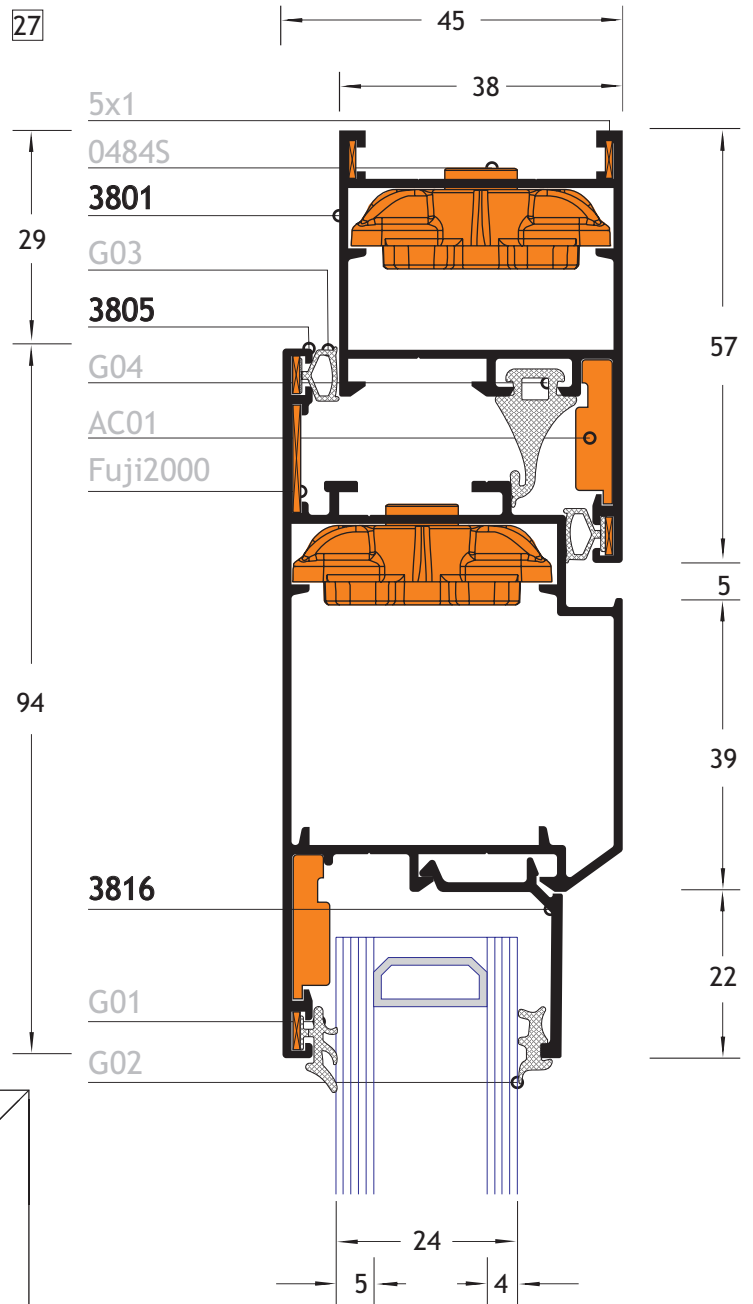
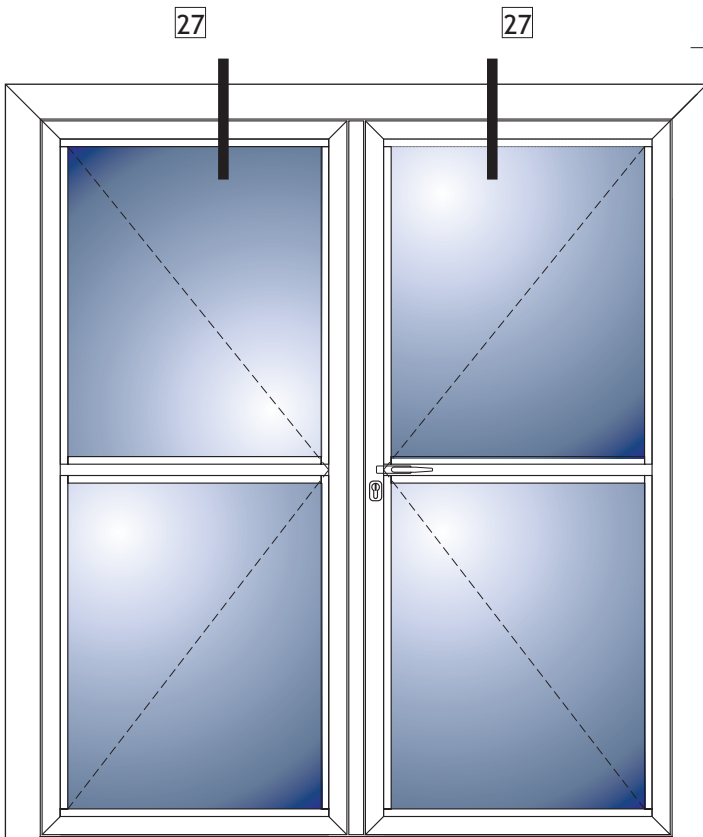


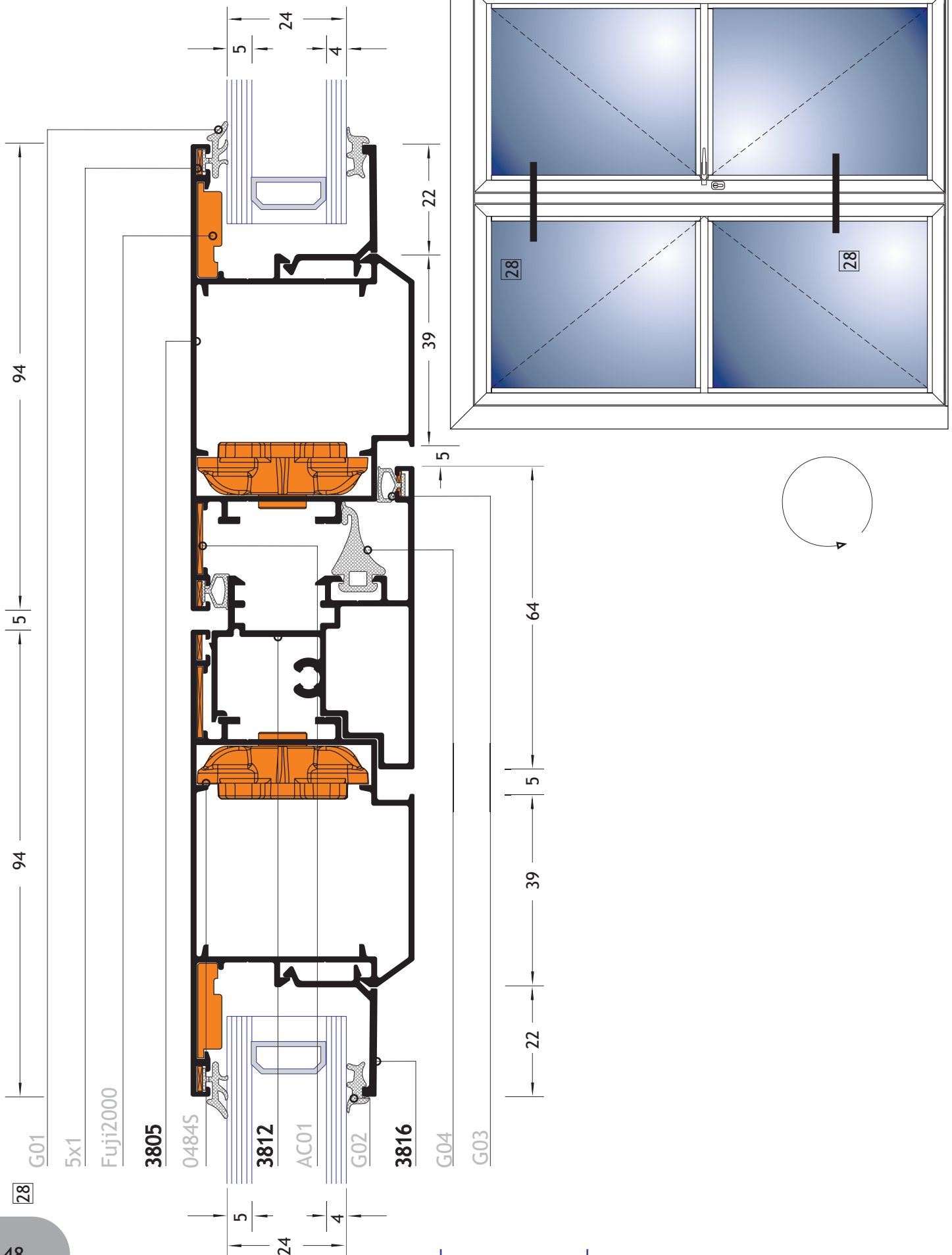


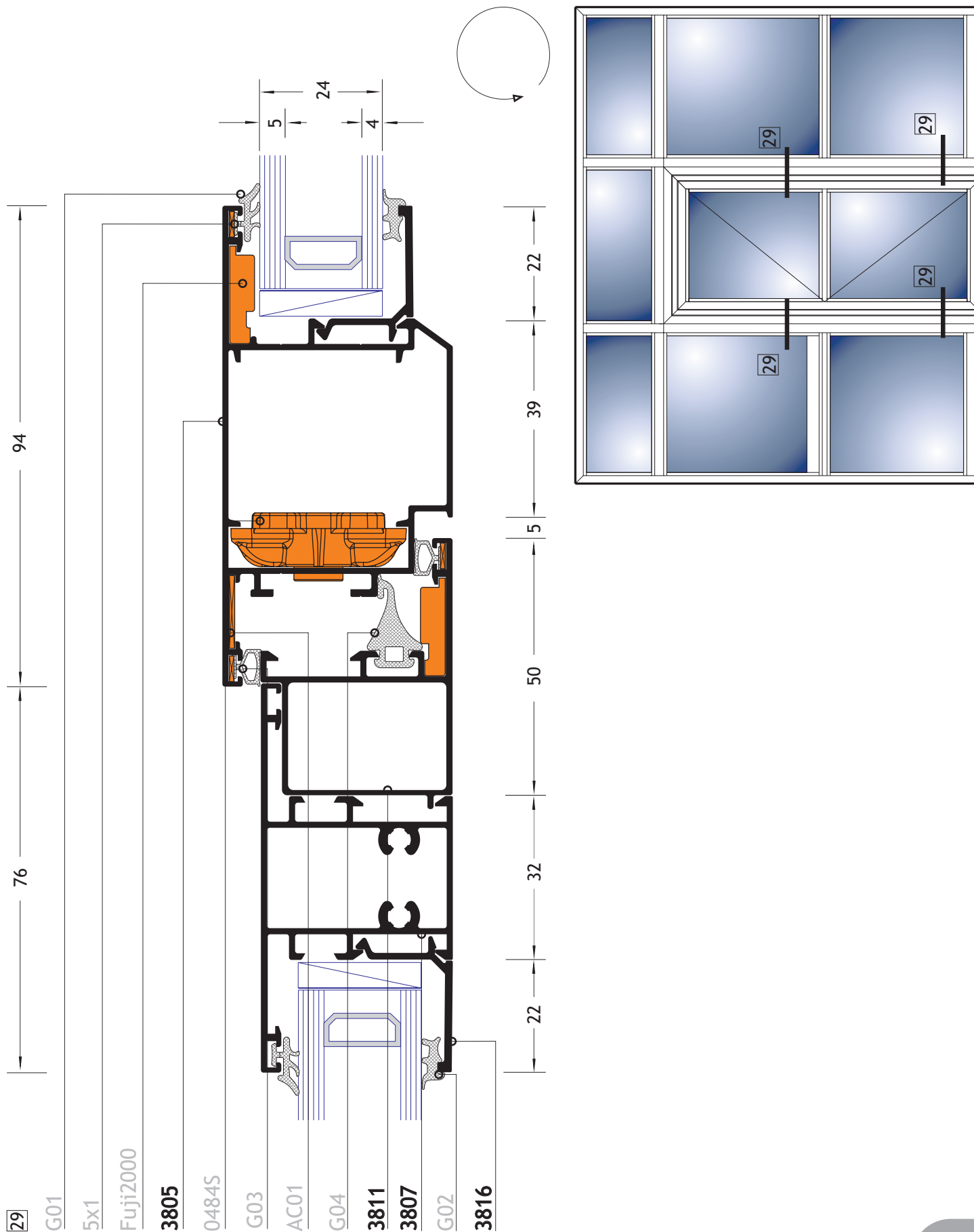


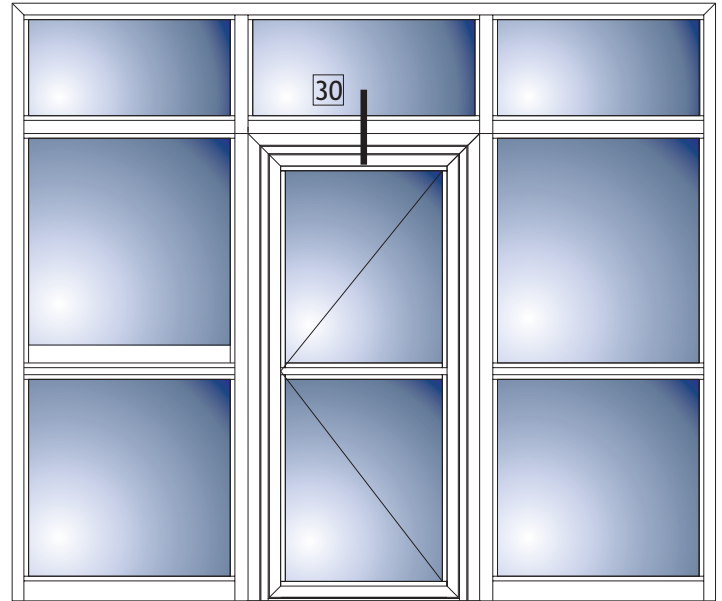
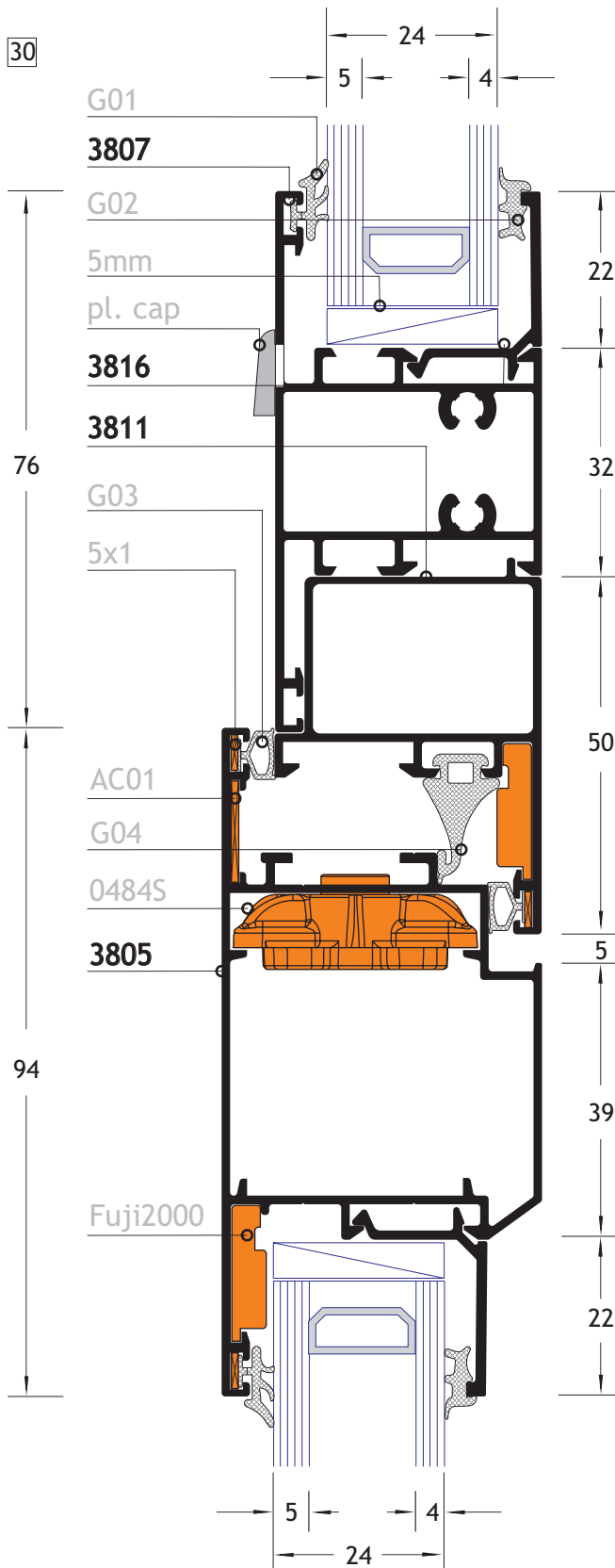


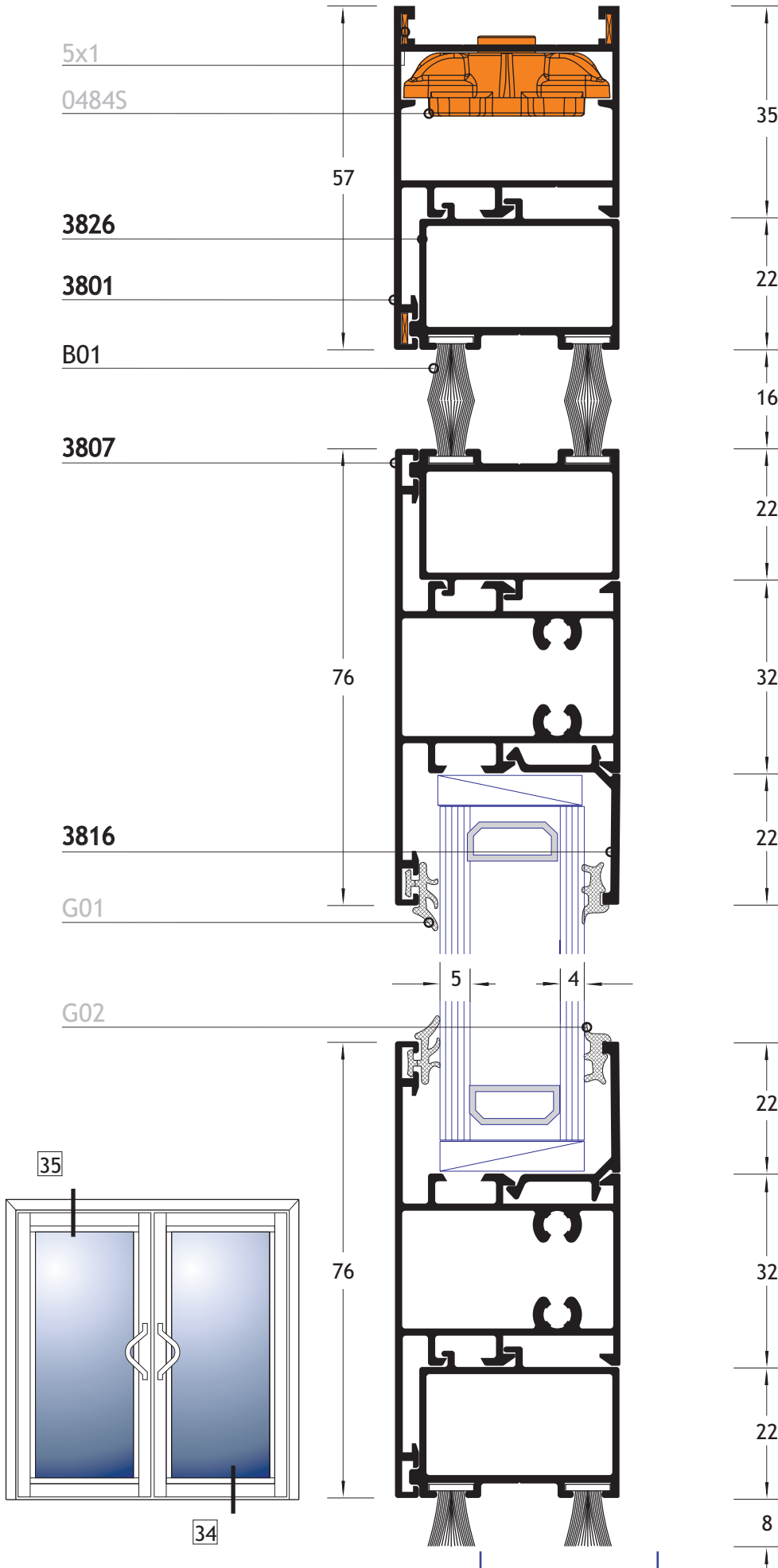


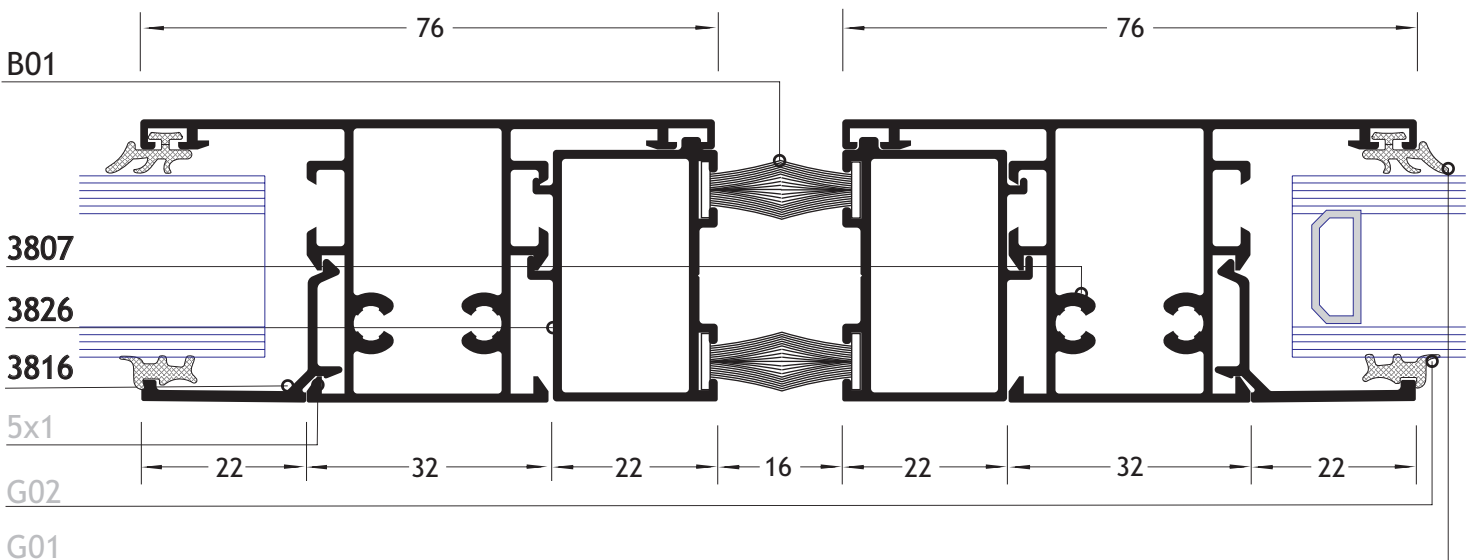
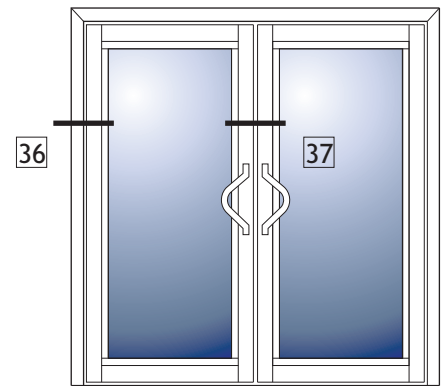
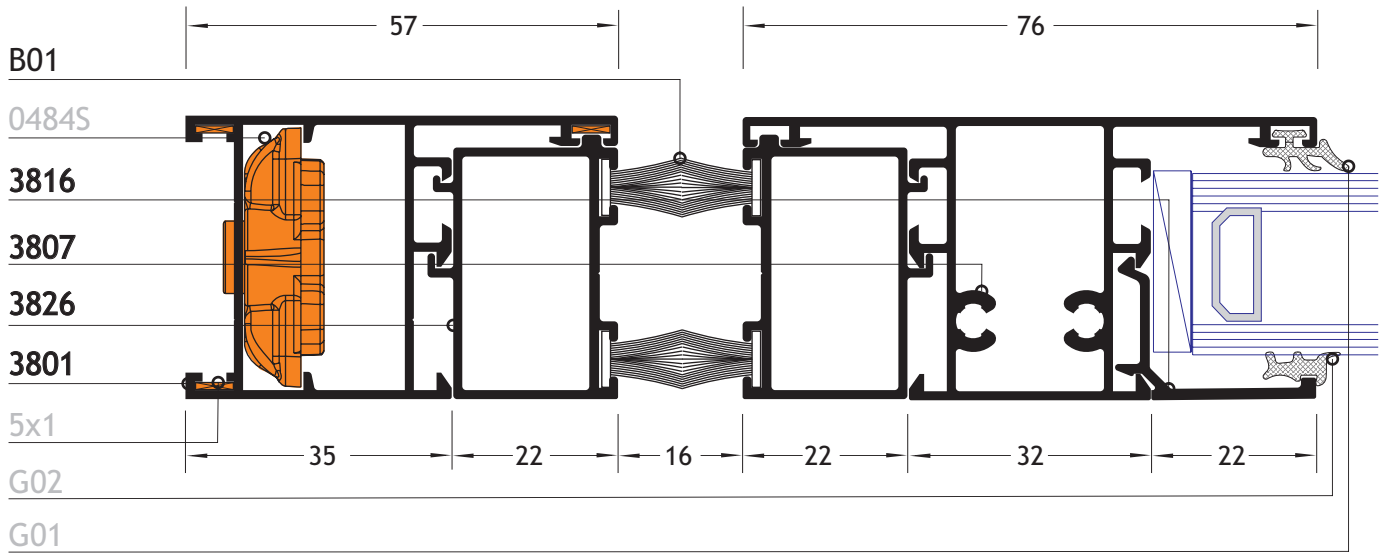


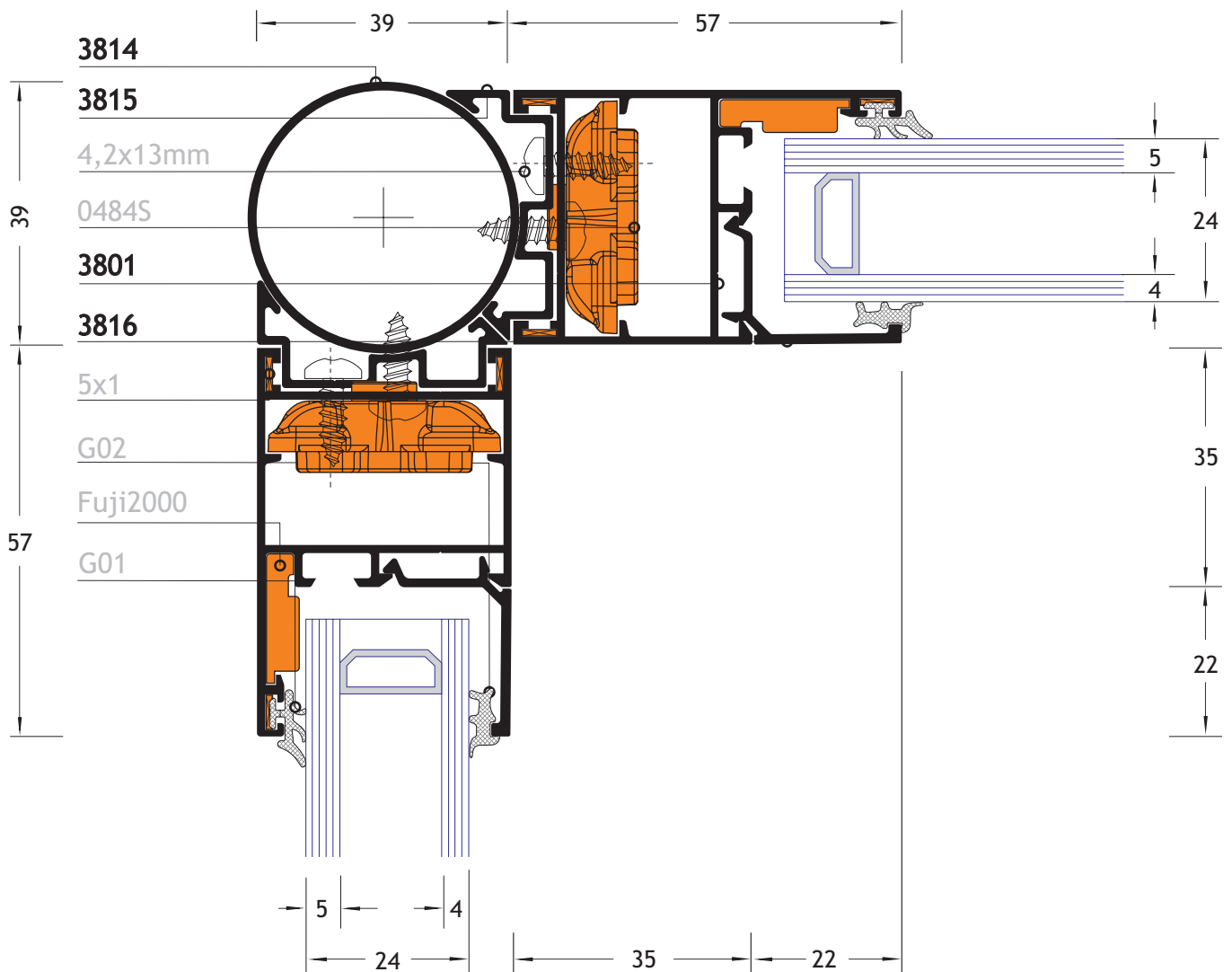
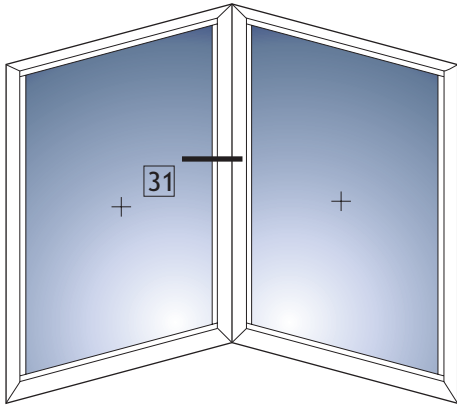


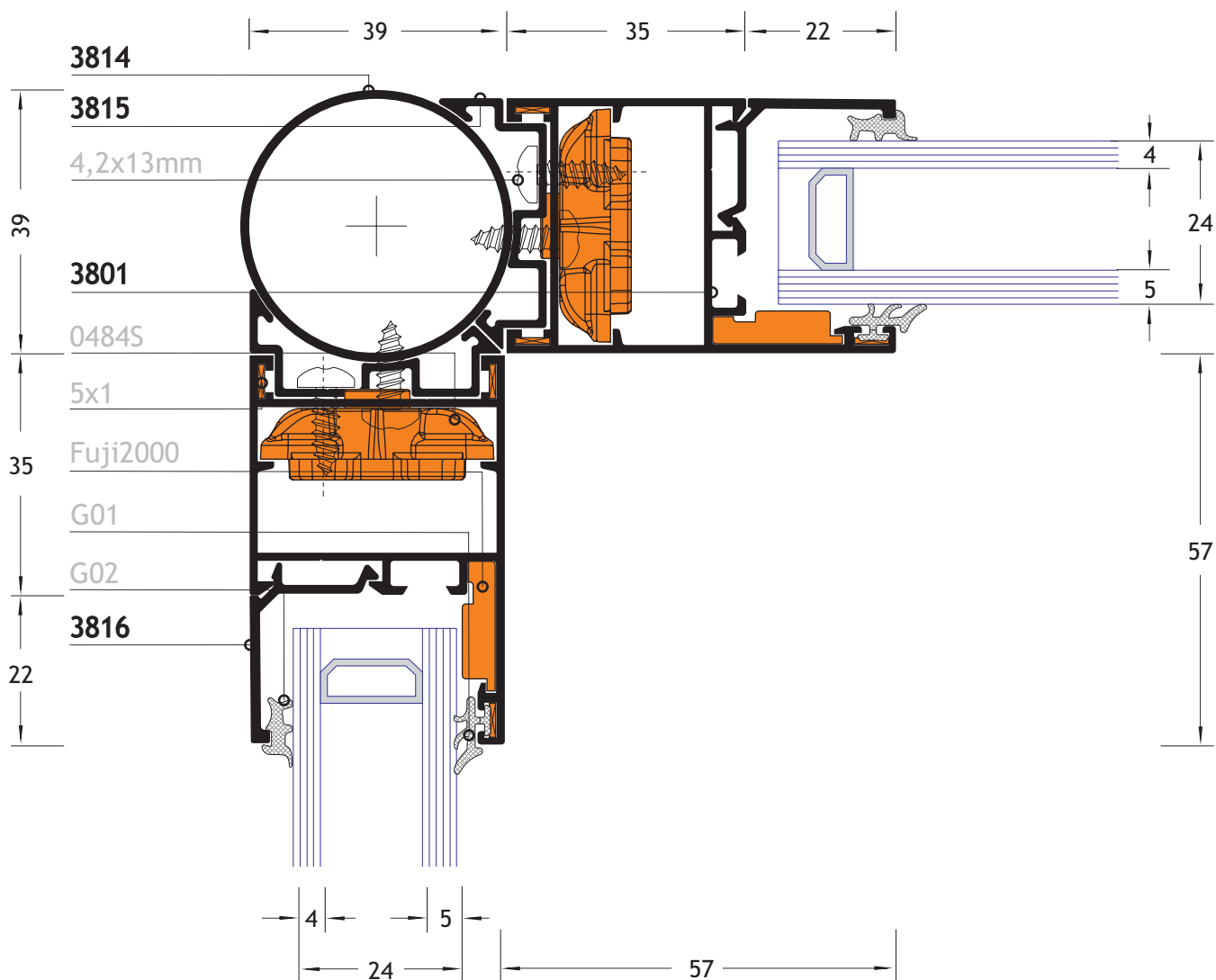
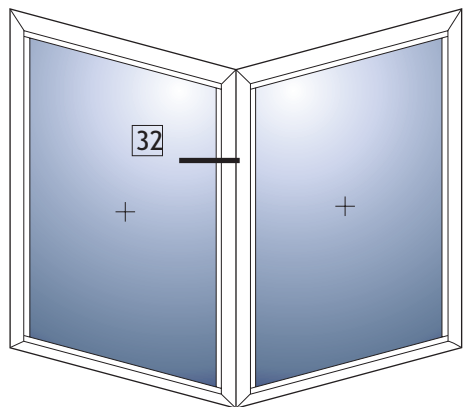


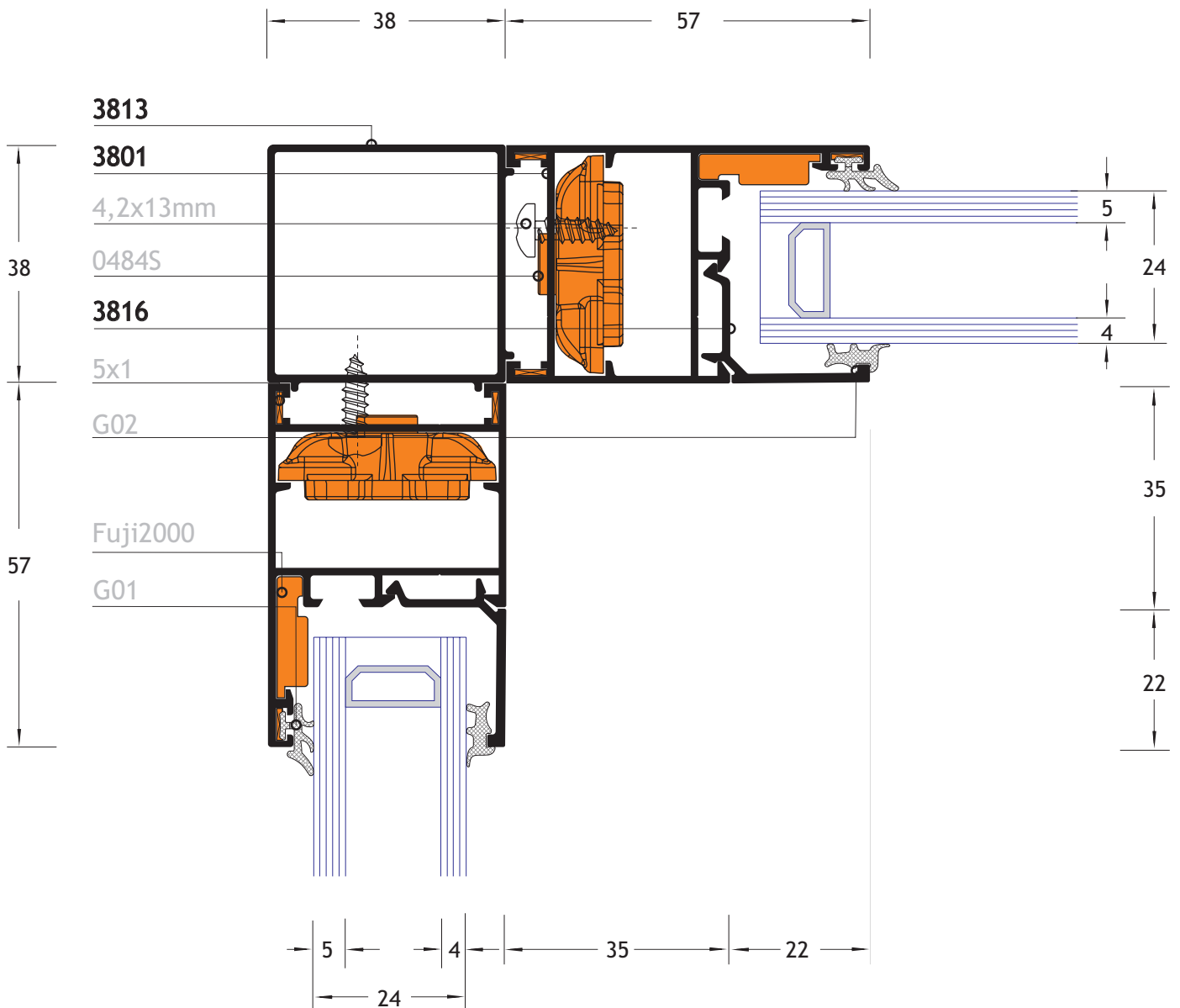
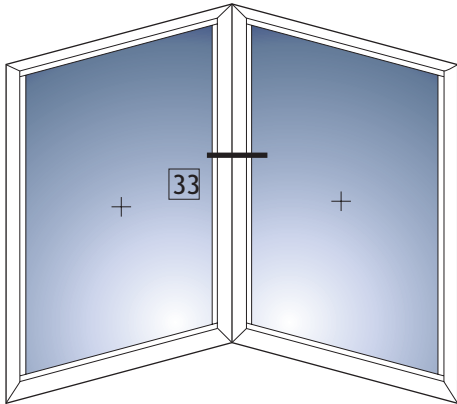


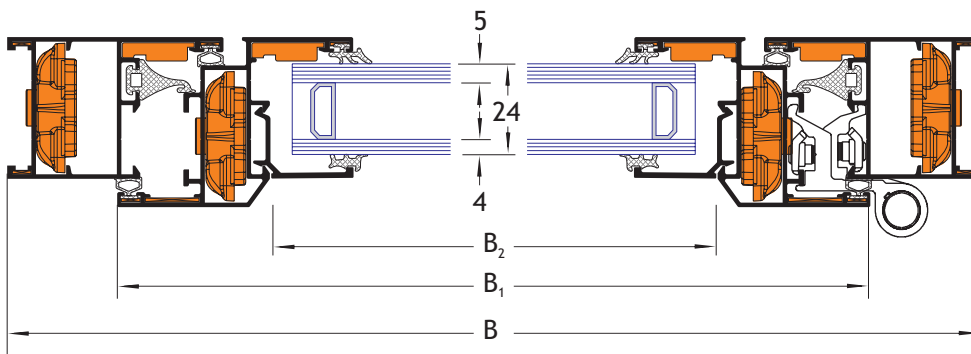
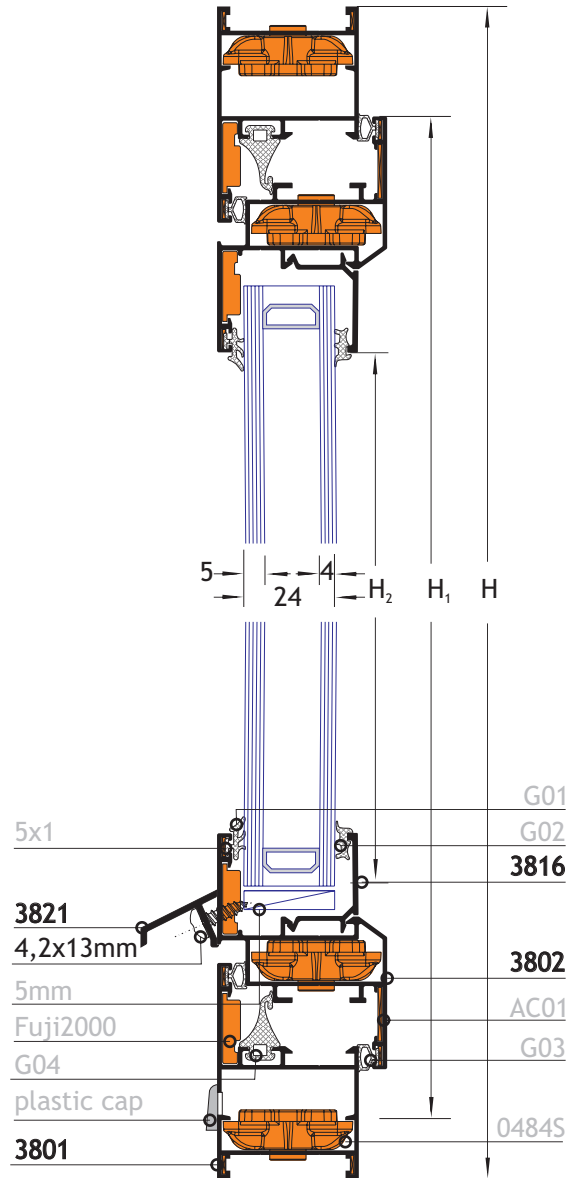
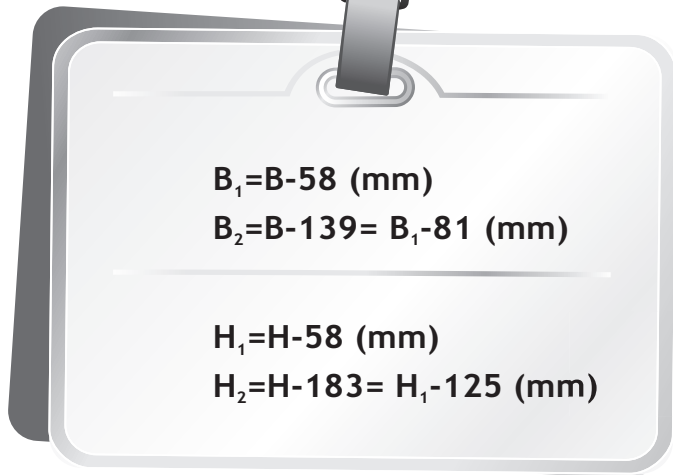
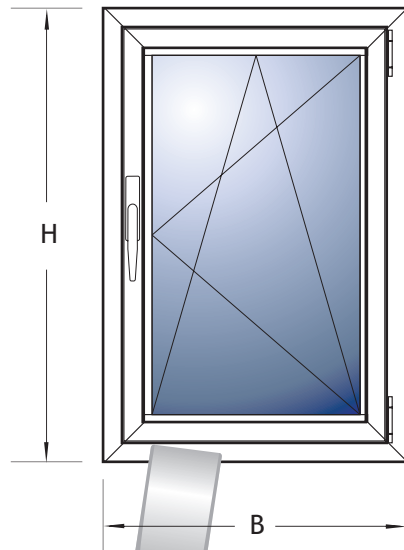


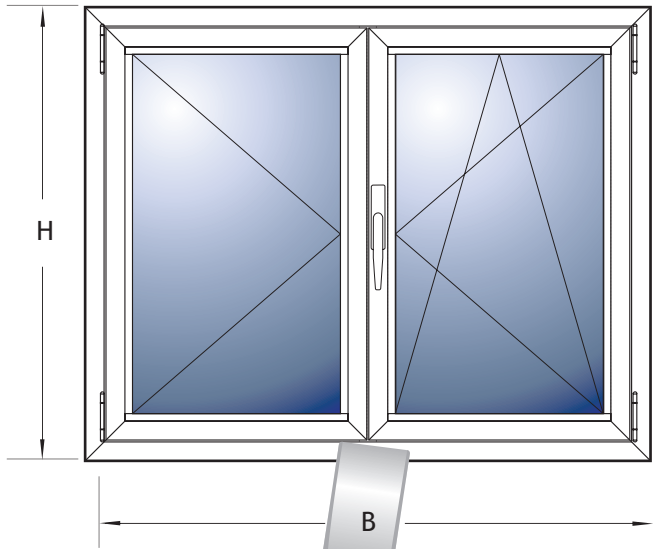








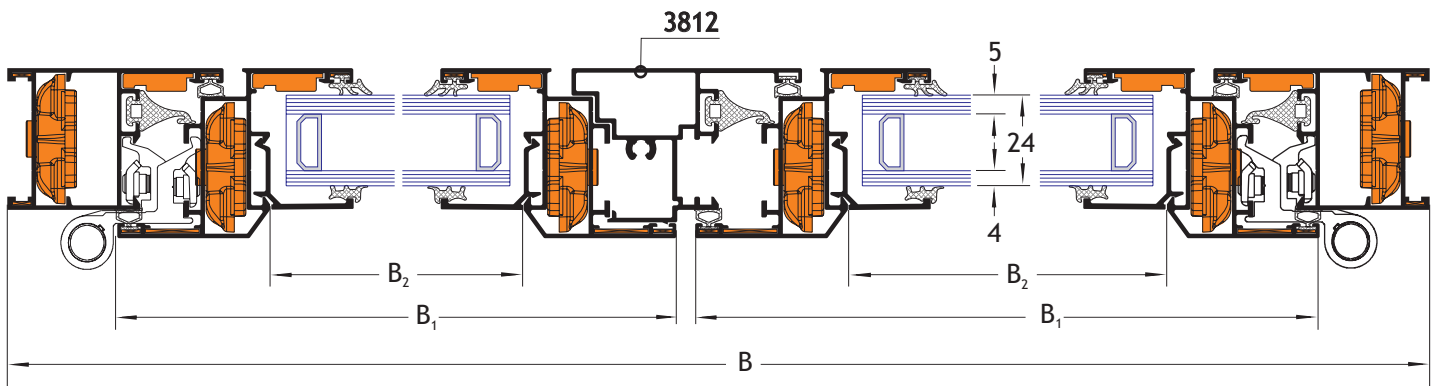
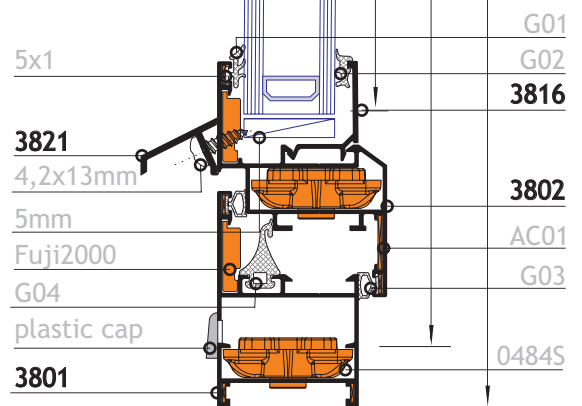
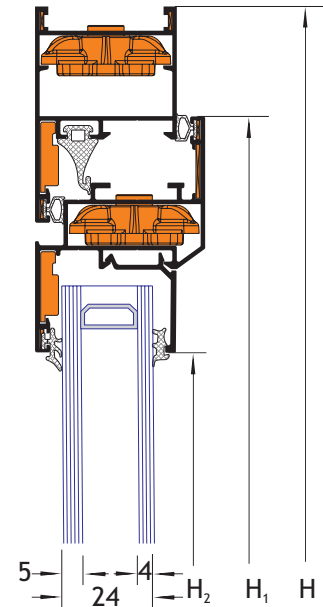


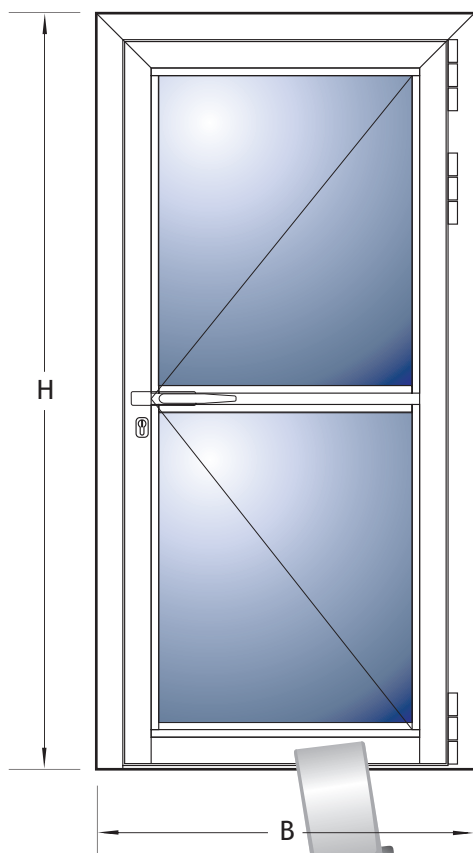


$B_1 = B/2 - 32 \text{ (mm)}$   
 $B_2 = B/2 - 112,5 = B_1 - 81 \text{ (mm)}$

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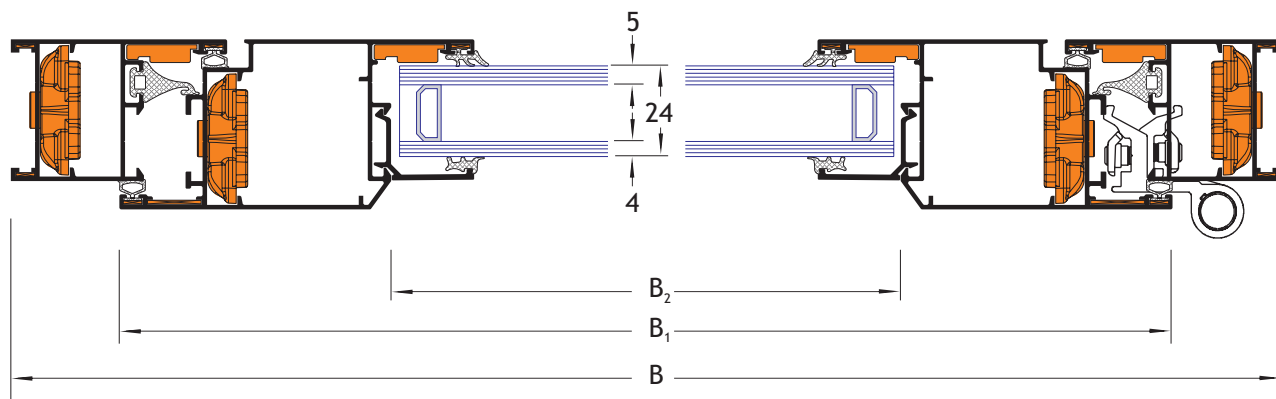
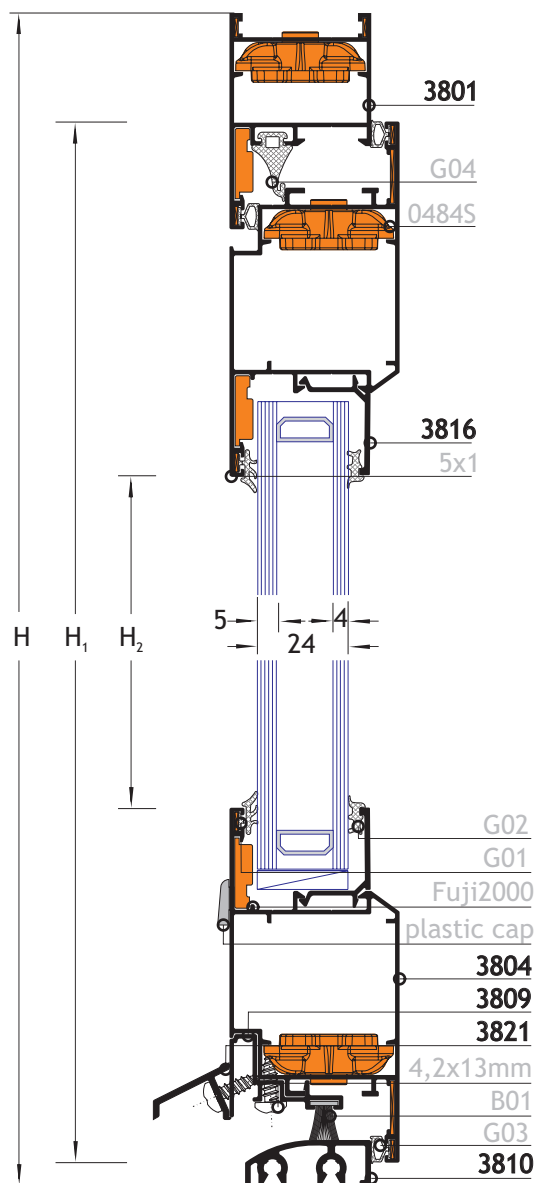
$H_1 = H - 58 \text{ (mm)}$   
 $H_2 = H - 183 = H_1 - 125 \text{ (mm)}$

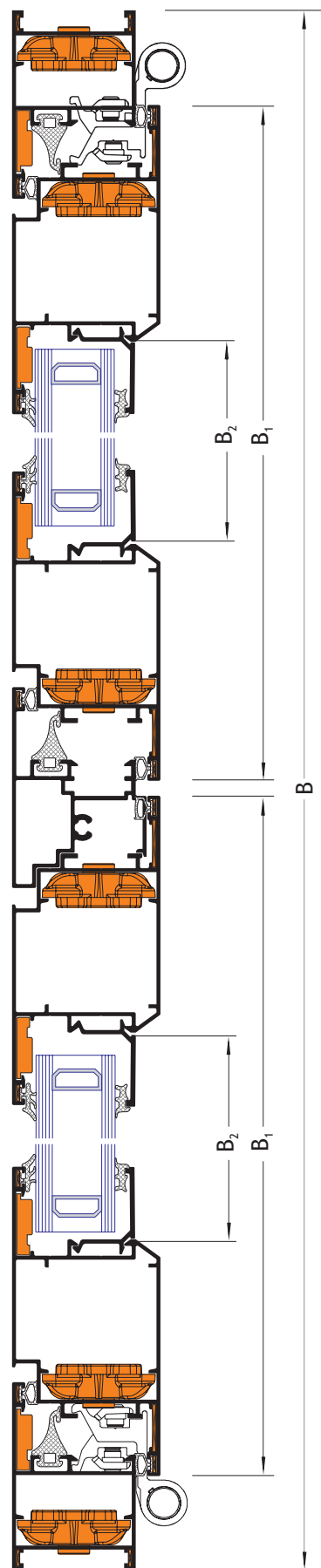
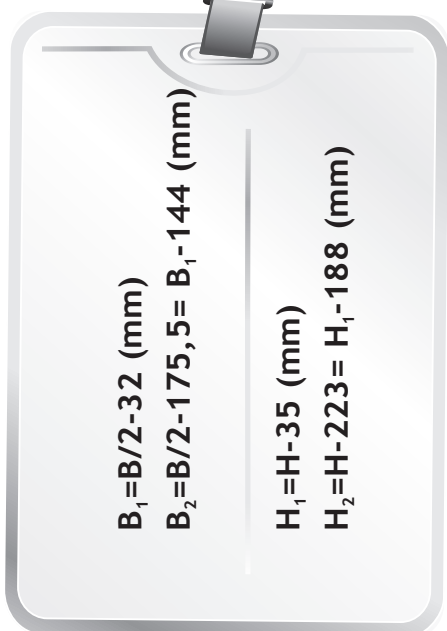
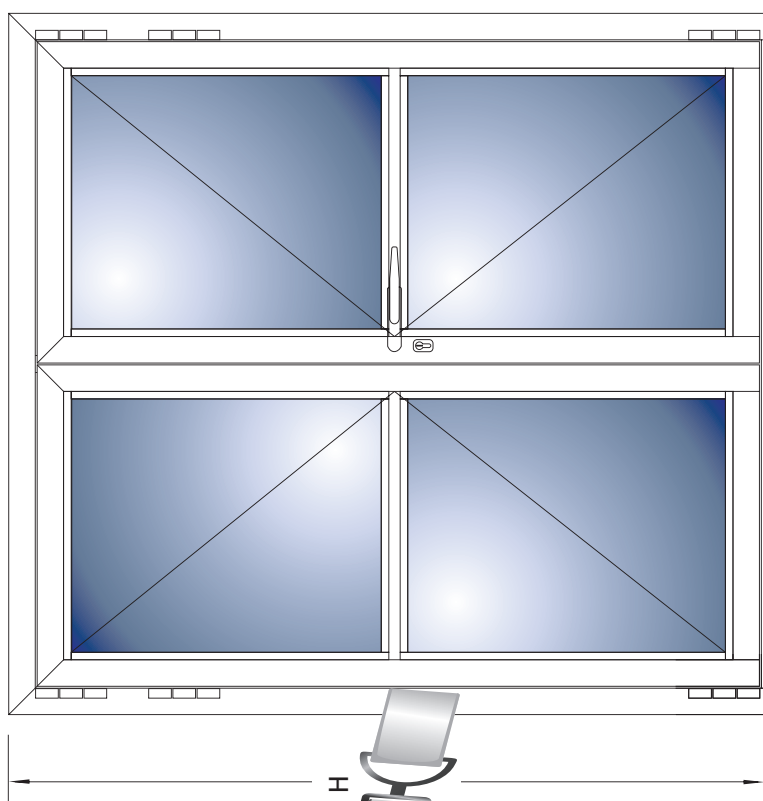
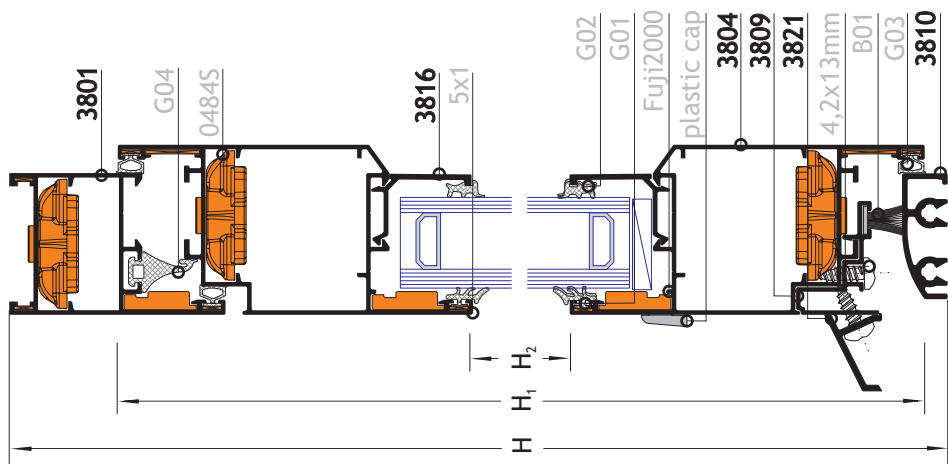




$B_1 = B - 58 \text{ (mm)}$   
 $B_2 = B - 202 = B_1 - 144 \text{ (mm)}$

$H_1 = H - 35 \text{ (mm)}$   
 $H_2 = H - 223 = H_1 - 188 \text{ (mm)}$







# ПЛЪЗГАЩА СИСТЕМА

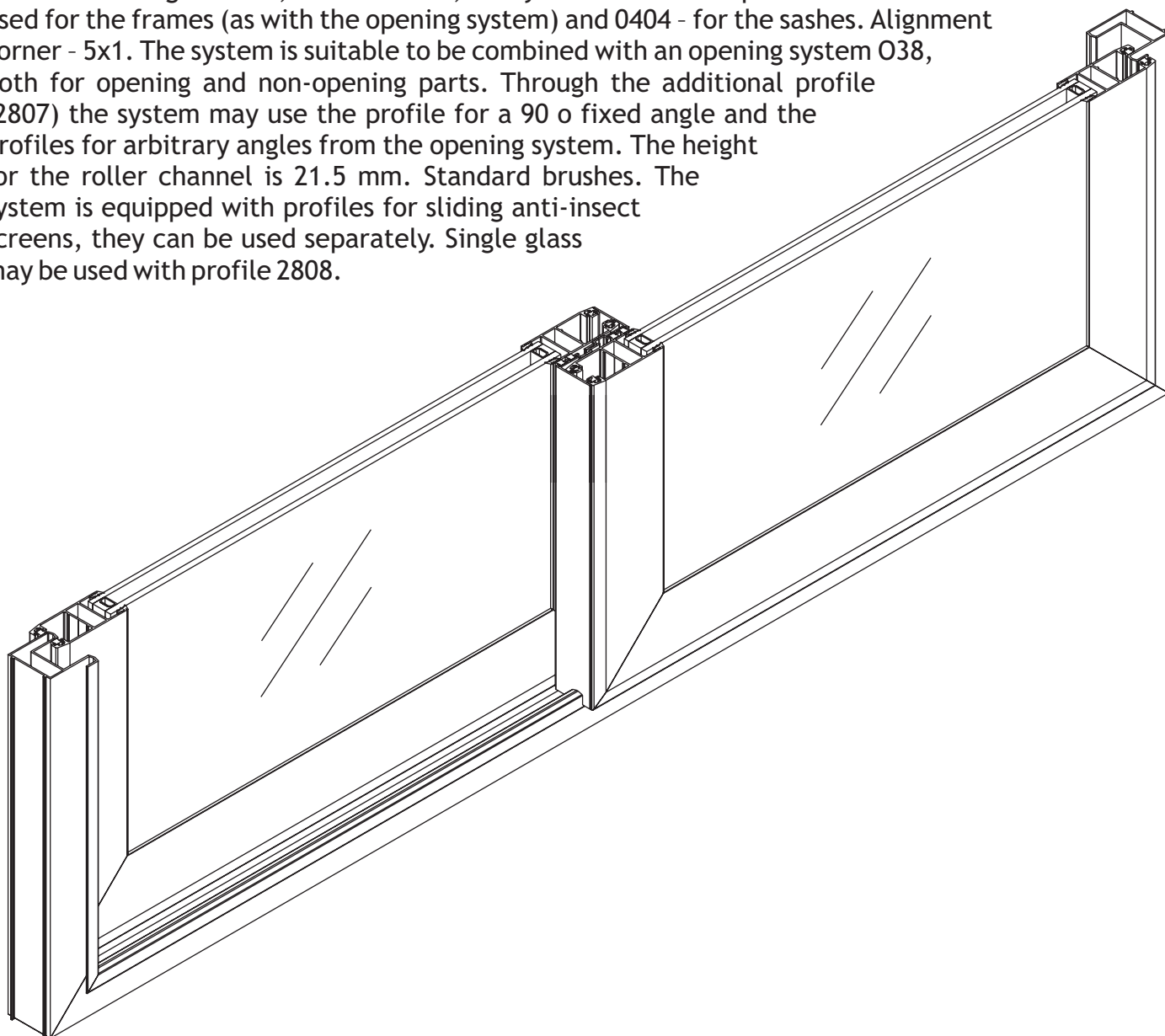
SLIDING  
SYSTEM








### Плъзгаща система 28 мм ( S28 )






Система с ширина на крилото 28 мм, височина 61 мм и стъклопакет 20 мм. Системата има единична каса, двойна каса, които се комбинират лесно в тройна каса. При касите се използва сглобка 04845 (както при отваряемата система), а при крилата 0404. Изравнителният ъгъл е 5x1. Системата има възможност много добре да се комбинира с отваряемата система O38, както за отваряеми, така и за неотваряеми части. Чрез специален допълнителен профил (2807) системата може да ползва от отваряемата система, както профилът за стационарен ъгъл 90 о, така и профилите за произволни ъгли. Височината на канала за ролката е 21,5 мм. Четките са стандартни. Системата е окомплектована с профили за плъзгащи противонасекомни мрежи, които могат да се ползват и отделно. Чрез профил 2808 се дава възможност да се използва единично стъкло.

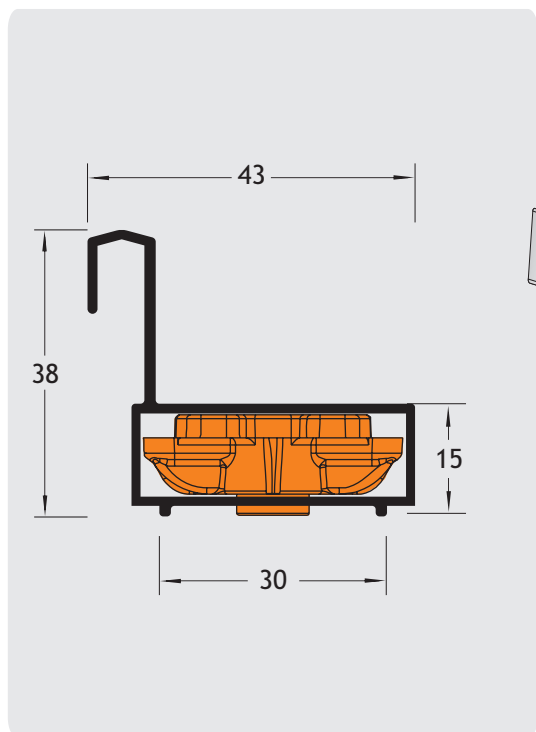
### Sliding system 28 mm ( S28 )

Width of the door sash - 28 mm, height - 61 mm and insulating glass unit - 20 mm. The system consists of a single frame, double frame, easily combined in a triple frame. Corner 04845 is used for the frames (as with the opening system) and 0404 - for the sashes. Alignment corner - 5x1. The system is suitable to be combined with an opening system O38, both for opening and non-opening parts. Through the additional profile (2807) the system may use the profile for a 90 o fixed angle and the profiles for arbitrary angles from the opening system. The height for the roller channel is 21.5 mm. Standard brushes. The system is equipped with profiles for sliding anti-insect screens, they can be used separately. Single glass may be used with profile 2808.



ПРОФИЛ PROFILE		Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE eye (page)
2801	38  43	482	2,31	3,43	182	ЕДИНИЧНА КАСА FRAME	66
2802	38  45	632	3,40	5,52	227	ДВОЙНА КАСА FRAME	66
2803	61  28	737	8,42	3,58	333	КРИЛО SASH	67
2804	61  28	695	6,57	3,20	241	ДЕЛИТЕЛ T-PROFILE	67
2805	34  31	314	1,23	0,99	187	КАПАК ЗА КРИЛО HOOK	68
2806	20  16	200	0,22	0,15	80	СРЕДЕН ПРОФИЛ SHOCK ABSORBER	68
2807	9  38	217	0,05	1,47	121	СВЪРЗВАЩ ПРОФИЛ AD.PROFILE	69

ПРОФИЛ PROFILE		Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
2808	17  29	232	0,31	0,56	143	СТЪКЛО- ДЪРЖАТЕЛ ЗА ЕДИНИЧНО СТЪКЛО  ADJOINING PROFILE	69
2809	38  34	385	1,50	1,98	144	КАСА ПРОТИВО- НАСЕКОМНА МРЕЖА  SUPPL. FRA- ME PROFILE	70
2810	62  21	699	10,81	1,70	307	КРИЛО ПРОТИВО- НАСЕКОМНА МРЕЖА  FLY SCREEN SASH	70
2811	40  21	509	4,01	1,07	155	ДЕЛИТЕЛ ПРОТИВО- НАСЕКОМНА МРЕЖА  T-PROFILE	71



**ЕДИНИЧНА КАСА  
FRAME**

**2801**

ТЕГЛО / WEIGHT (gr/m)

W=482

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=2,31

J<sub>y</sub>=3,43

Периметър / Perimeter (mm)

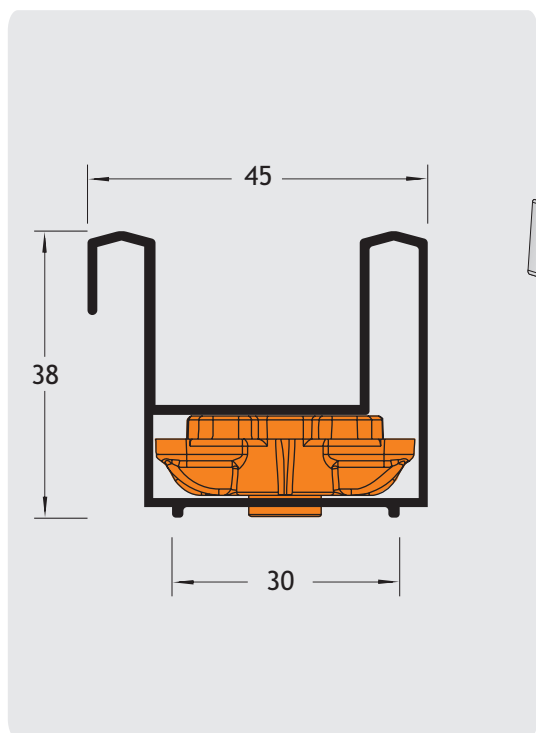
P=182

**Акcesoари / Accessories**

сглобка / corner

0484S

израв. ъгъл/сглобка  
alignment corner



**ДВОЙНА КАСА  
FRAME**

**2802**

ТЕГЛО / WEIGHT (gr/m)

W=632

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=3,40

J<sub>y</sub>=5,52

Периметър / Perimeter (mm)

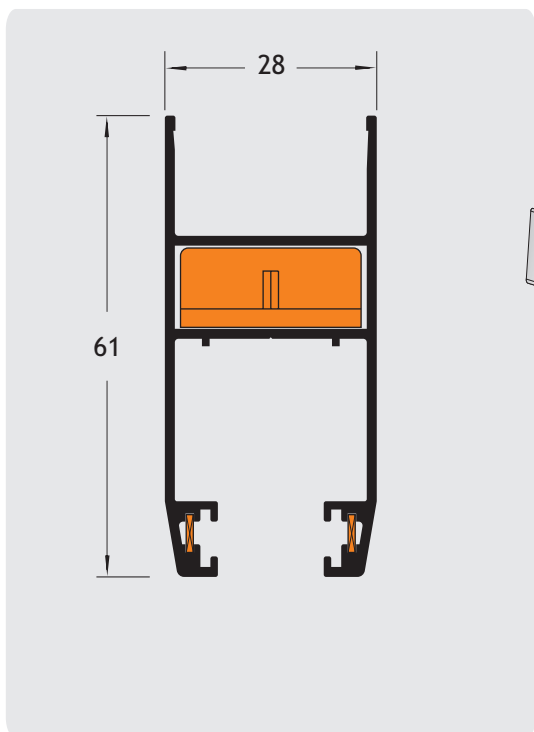
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**Акcesoари / Accessories**

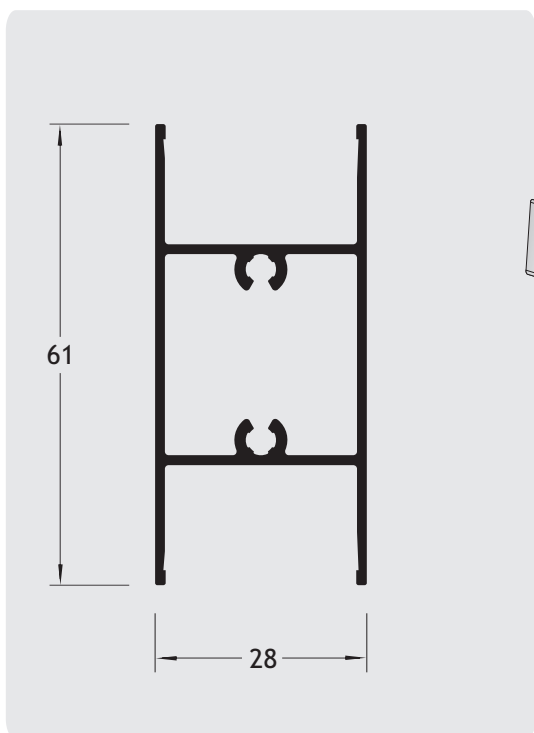
сглобка / corner

0484S

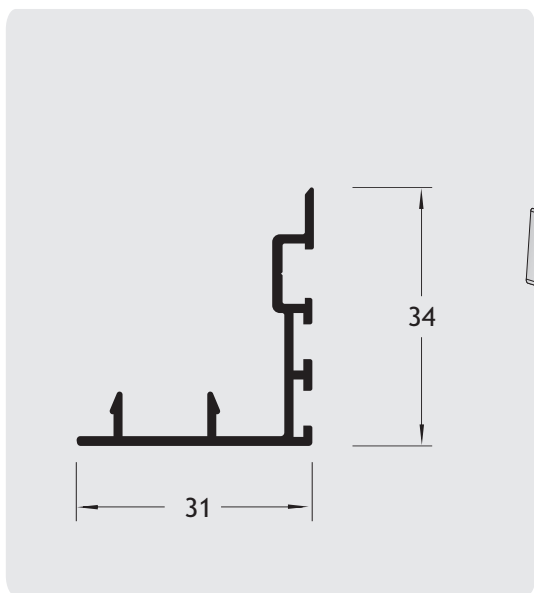
израв. ъгъл/сглобка  
alignment corner



<b>КРИЛО SASH</b>	<b>2803</b>
ТЕГЛО / WEIGHT (gr/m)	W=737
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =8,42
	J <sub>y</sub> =3,58
Периметър / Perimeter (mm)	P=333
<b>Акcesoари / Accessories</b>	
сглобка / corner	0404
израв. ъгъл/сглобка alignment corner	5x1



<b>ДЕЛИТЕЛ T-PROFILE</b>	<b>2804</b>
ТЕГЛО / WEIGHT (gr/m)	W=695
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =6,57
	J <sub>y</sub> =3,20
Периметър / Perimeter (mm)	P=241
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



**КАПАК ЗА КРИЛО  
HOOK**

**2805**

ТЕГЛО / WEIGHT (gr/m)

W=314

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=1,23

J<sub>y</sub>=0,99

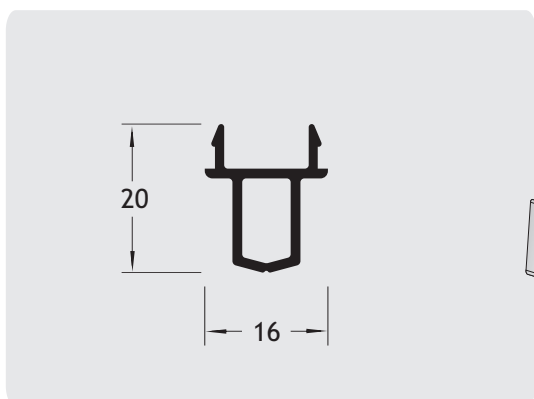
Периметър / Perimeter (mm)

P=187

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**СРЕДЕН ПРОФИЛ  
SHOCK ABSORBER**

**2806**

ТЕГЛО / WEIGHT (gr/m)

W=200

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

I<sub>x</sub>=0,22

J<sub>y</sub>=0,15

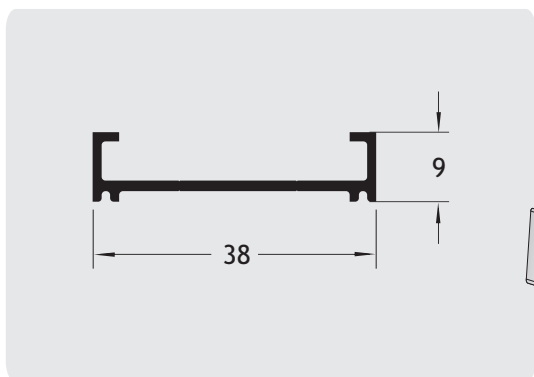
Периметър / Perimeter (mm)

P=80

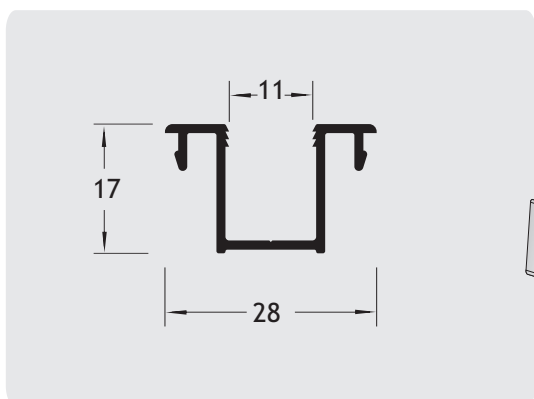
**Акcesoари / Accessories**

сглобка / corner

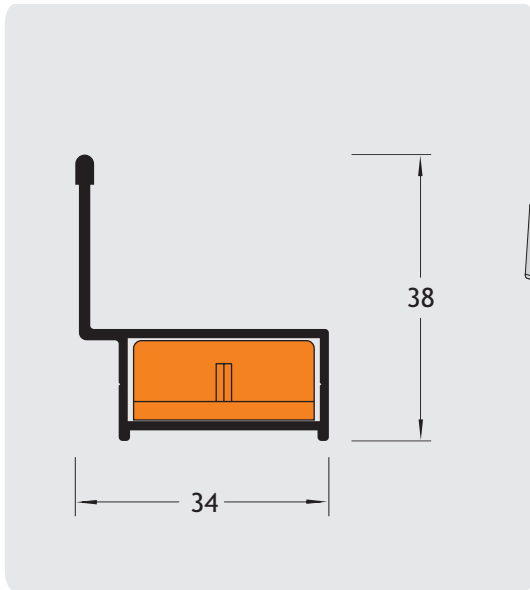
израв. ъгъл/сглобка  
alignment corner



<b>СВЪРЗВАЩ ПРОФИЛ ADJOINING PROFILE</b>	<b>2807</b>
ТЕГЛО / WEIGHT (gr/m)	W=217
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,05
	J <sub>y</sub> =1,47
Периметър / Perimeter (mm)	P=121
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>СТЪКЛОДЪРЖАТЕЛ ЗА ЕДИНИЧНО СТЪКЛО ADJOINING PROFILE</b>	<b>2808</b>
ТЕГЛО / WEIGHT (gr/m)	W=232
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,31
	J <sub>y</sub> =0,56
Периметър / Perimeter (mm)	P=143
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



**КАСА ПРОТИВО-НАСЕКОМНА МРЕЖА SUPPLEM. PROFILE** **2809**

ТЕГЛО / WEIGHT (gr/m) W=385

Инерционен момент Moments of INERTIA (cm<sup>4</sup>)

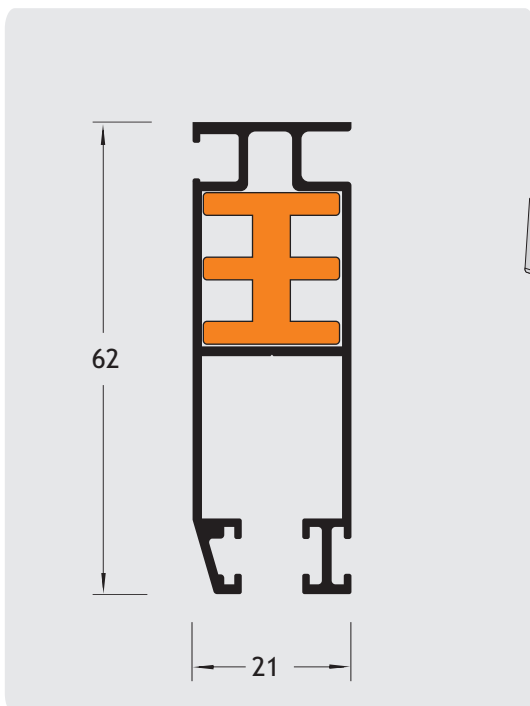
Jy=1,98

Периметър / Perimeter (mm) P=144

**Акcesoари / Accessories**

сглобка / corner 0404

израв. ъгъл/сглобка alignment corner



**КРИЛО ПРОТИВО-НАСЕКОМНА МРЕЖА FLY-SCREEN SASH** **2810**

ТЕГЛО / WEIGHT (gr/m) W=699

Инерционен момент Moments of INERTIA (cm<sup>4</sup>)

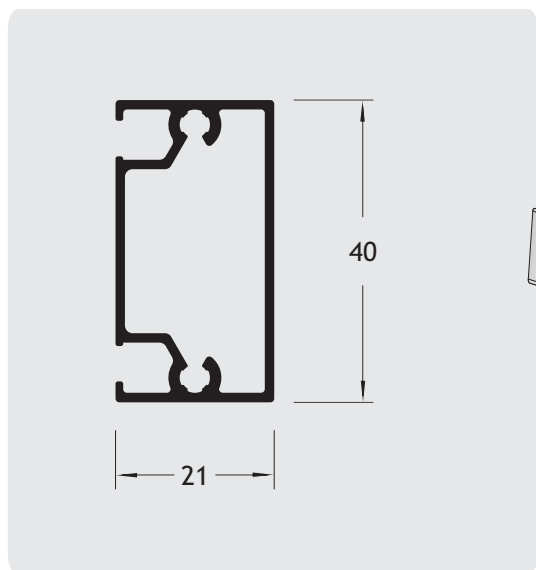
Jy=1,70

Периметър / Perimeter (mm) P=307

**Акcesoари / Accessories**

сглобка / corner PC01

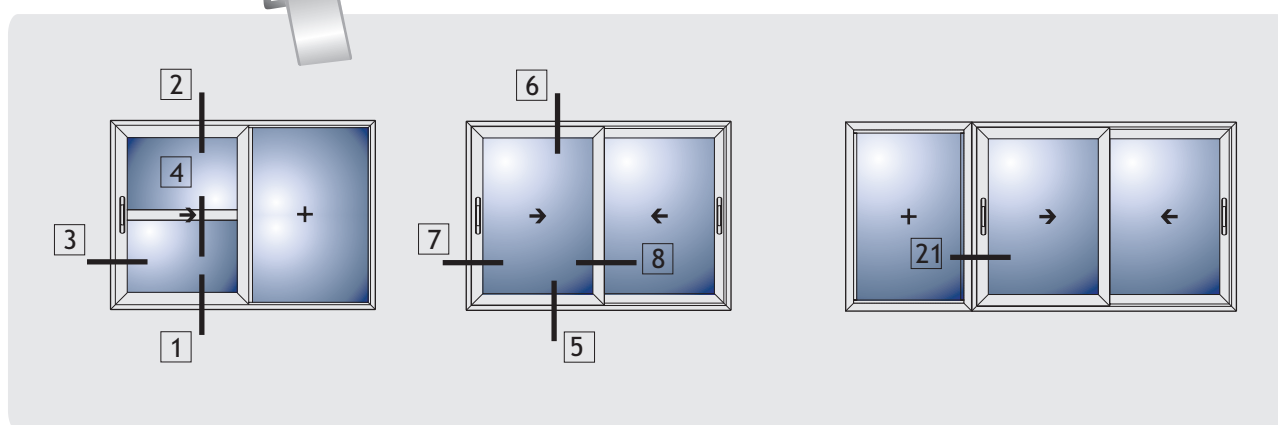
израв. ъгъл/сглобка alignment corner



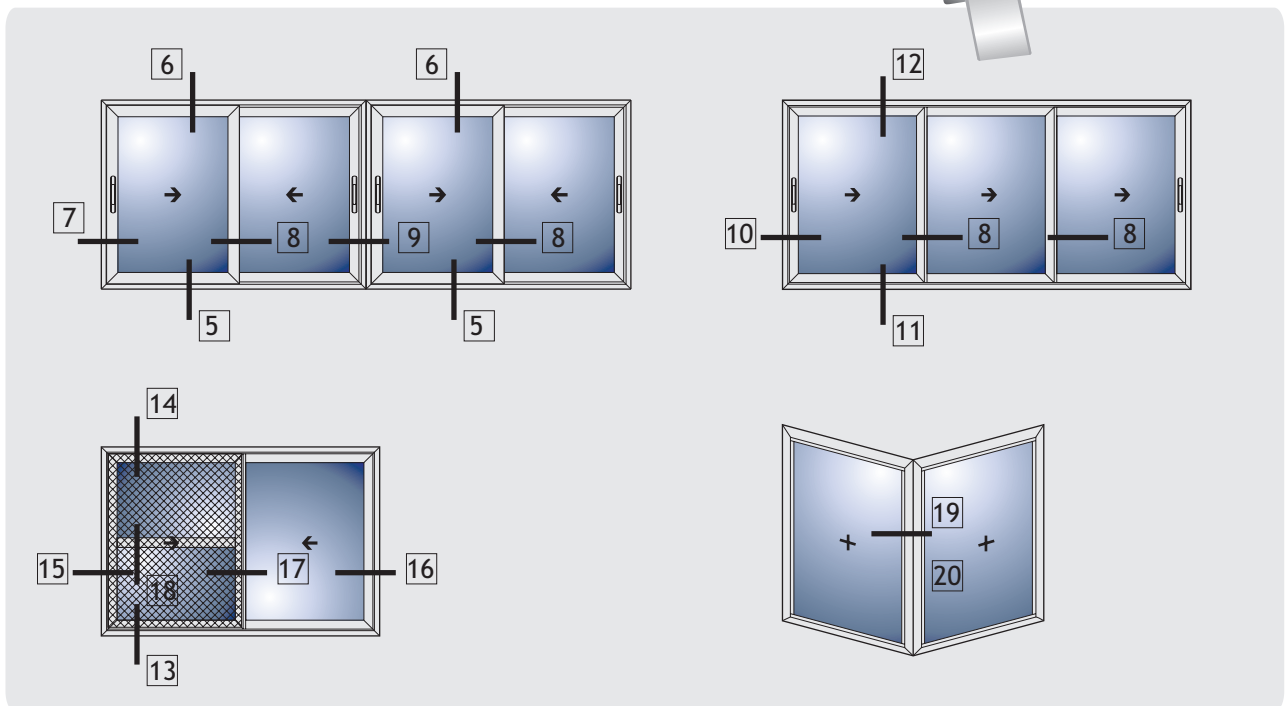
<b>ДЕЛИТЕЛ ПРОТИВО-НАСЕКОМНА МРЕЖА T-PROFILE</b>	<b>2811</b>
ТЕГЛО / WEIGHT (gr/m)	W=509
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =4,01
	J <sub>y</sub> =1,07
Периметър / Perimeter (mm)	P=155
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	

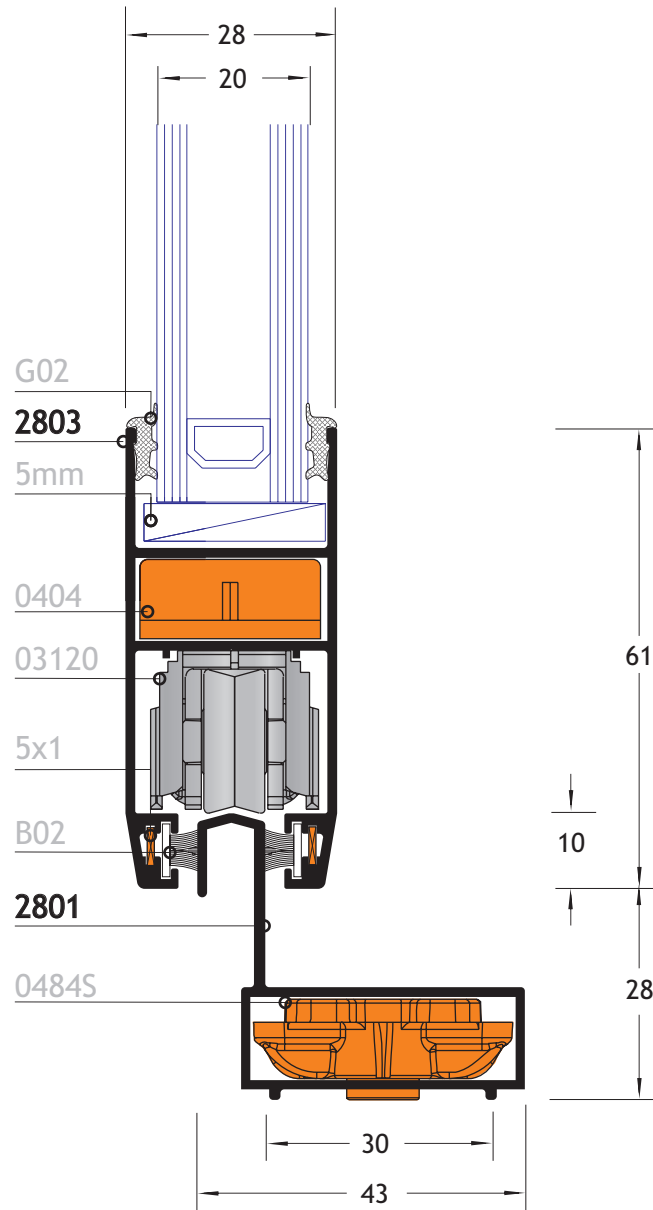
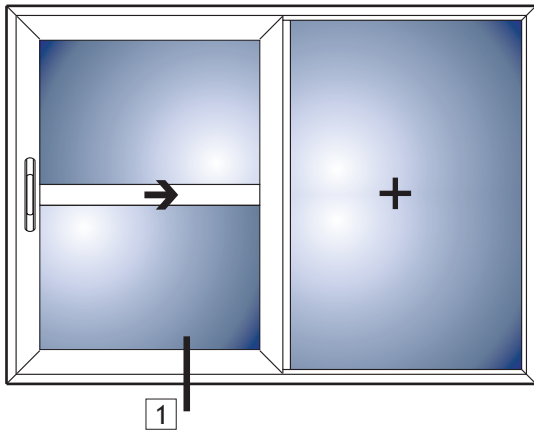
ТИПИЧНИ ПЛЪЗГАЩИ РЕШЕНИЯ

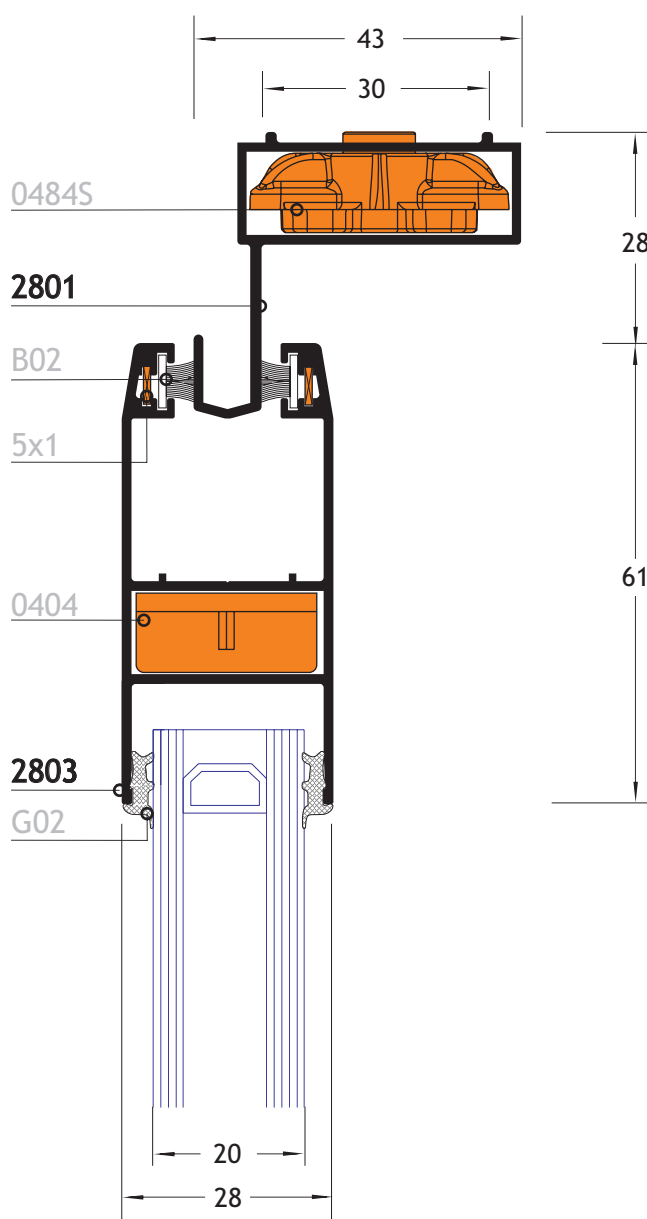
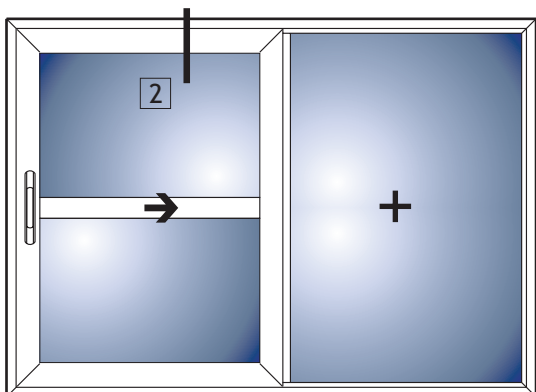
TYPICAL SLIDING SOLUTIONS

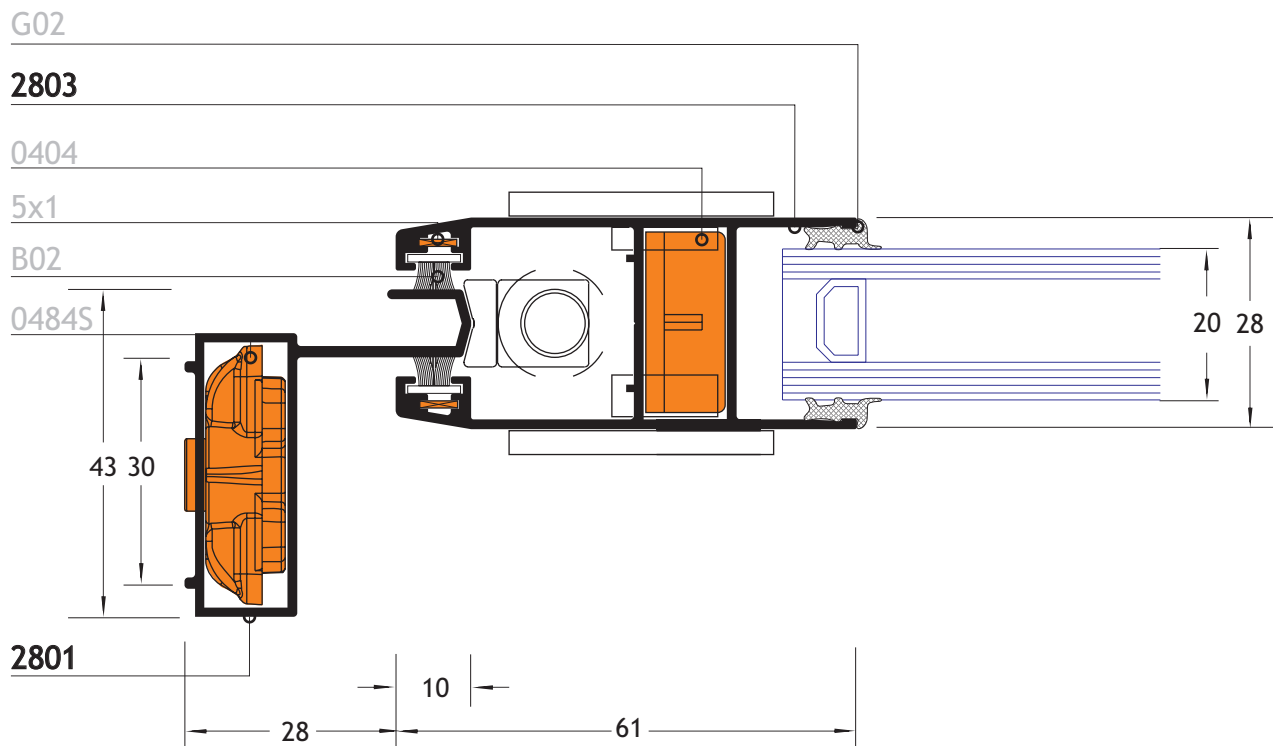
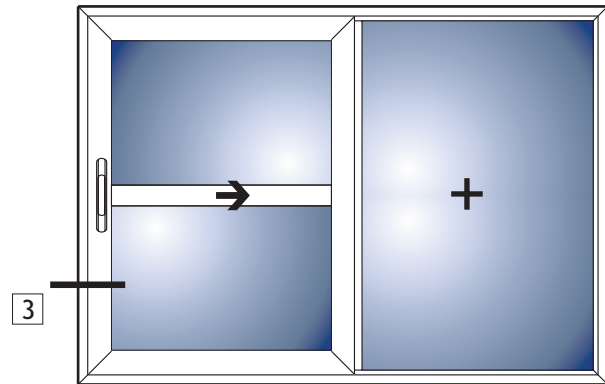


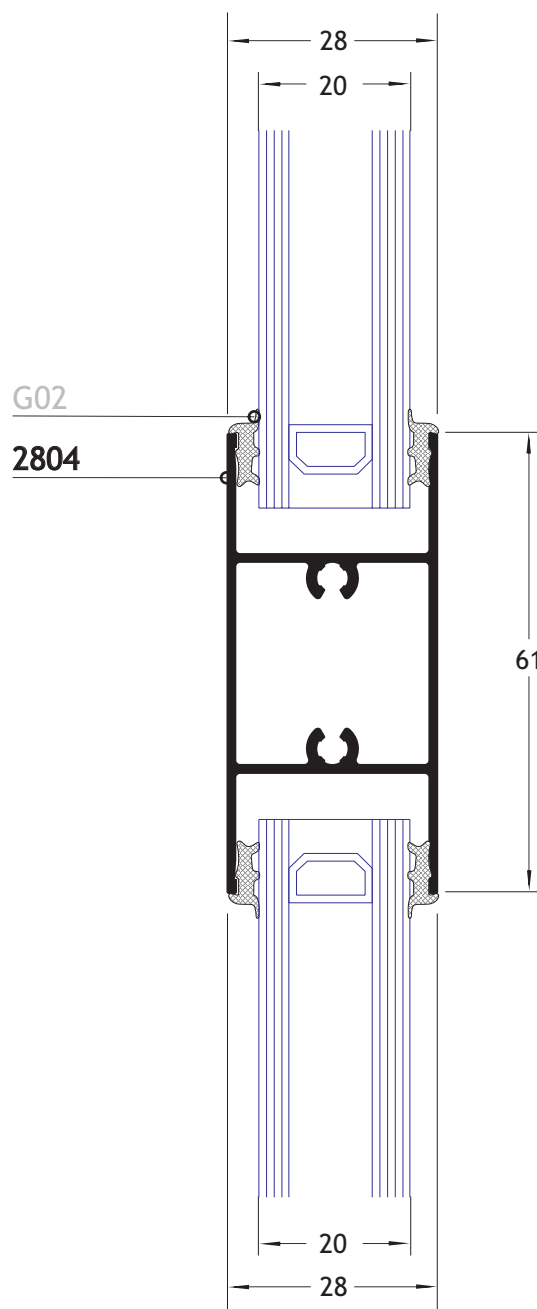
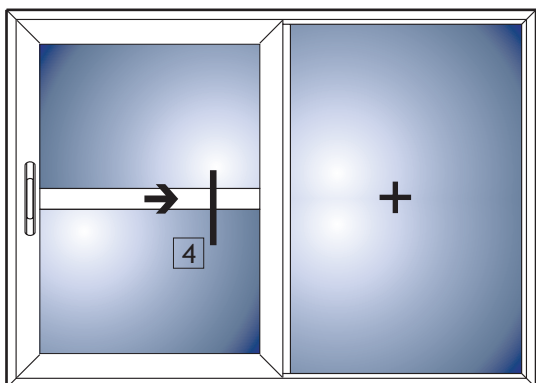
КОМПЛИЦИРАНИ  
ПЛЪЗГАЩИ РЕШЕНИЯ  
COMPLICATED SLIDING SOLUTIONS

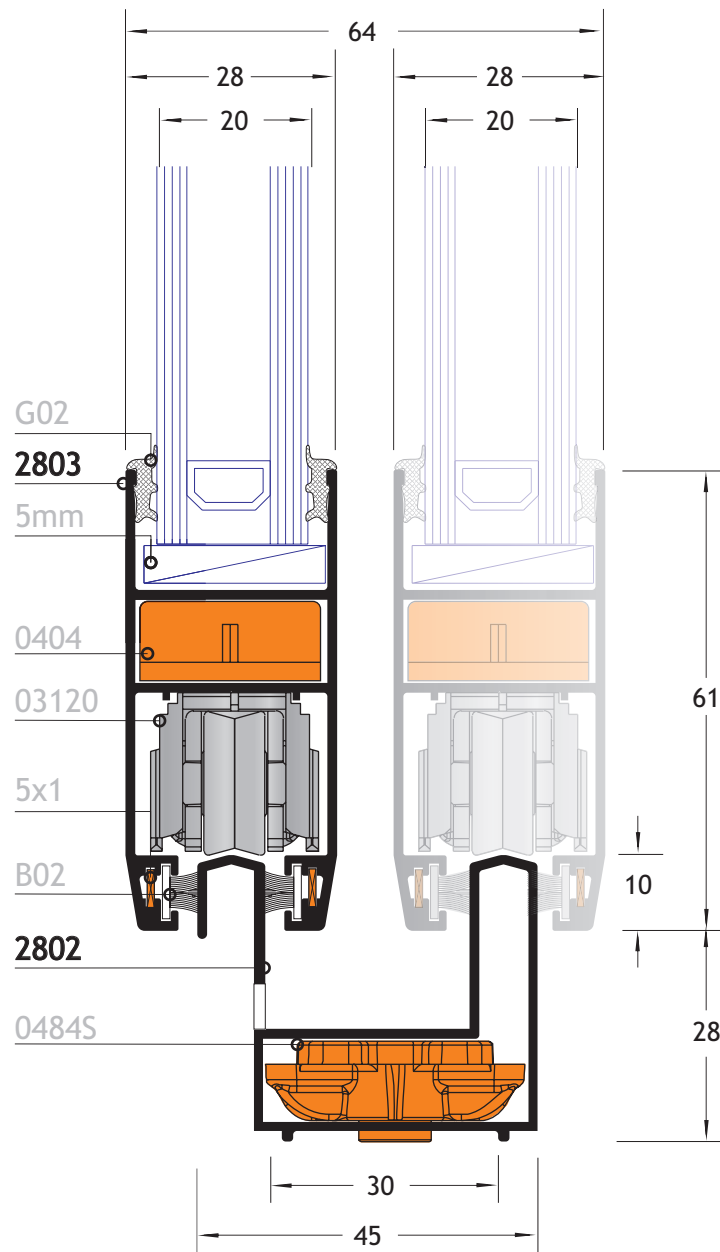
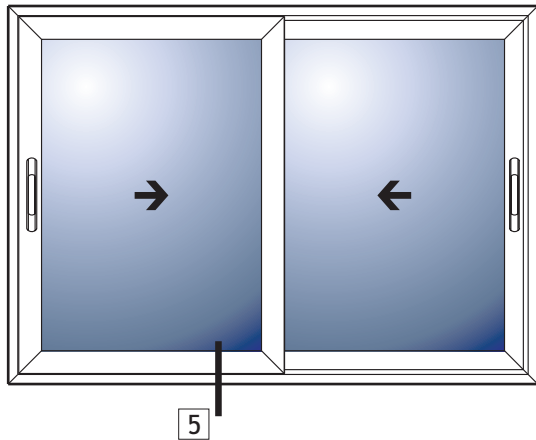


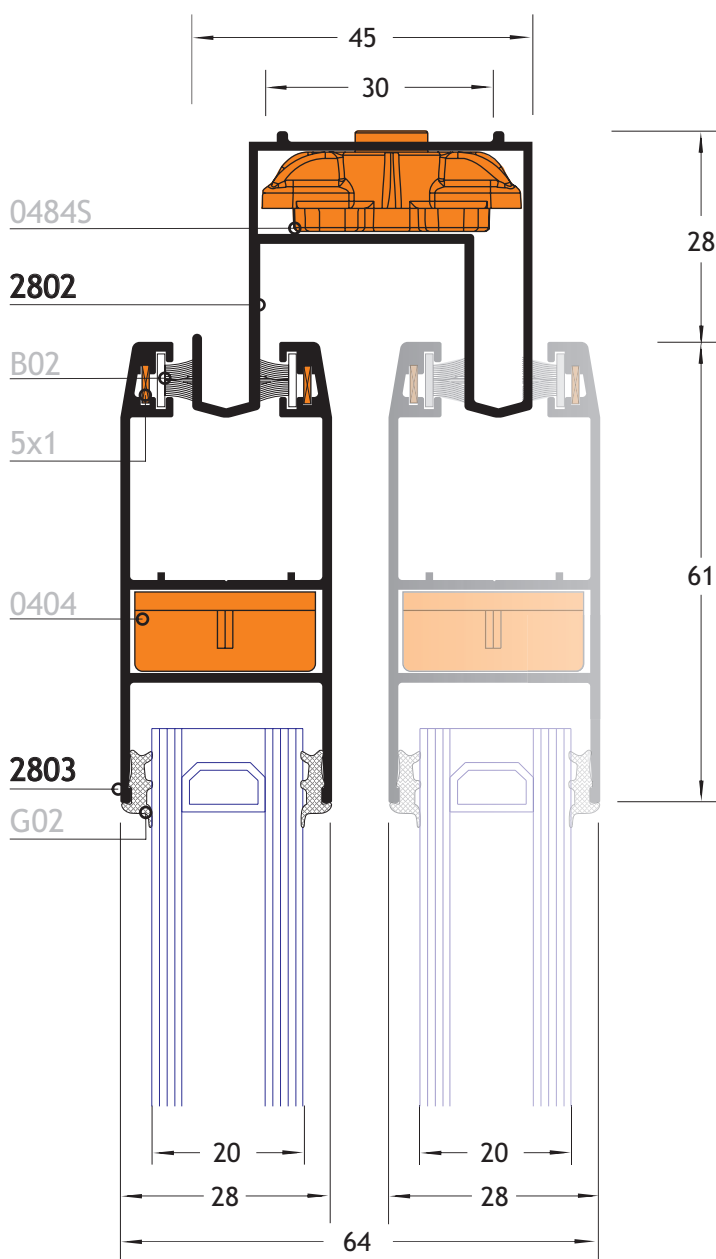
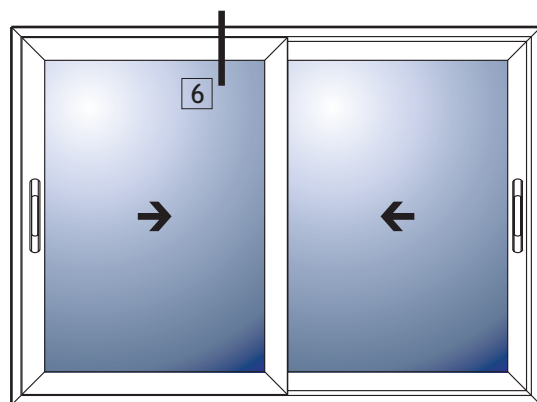


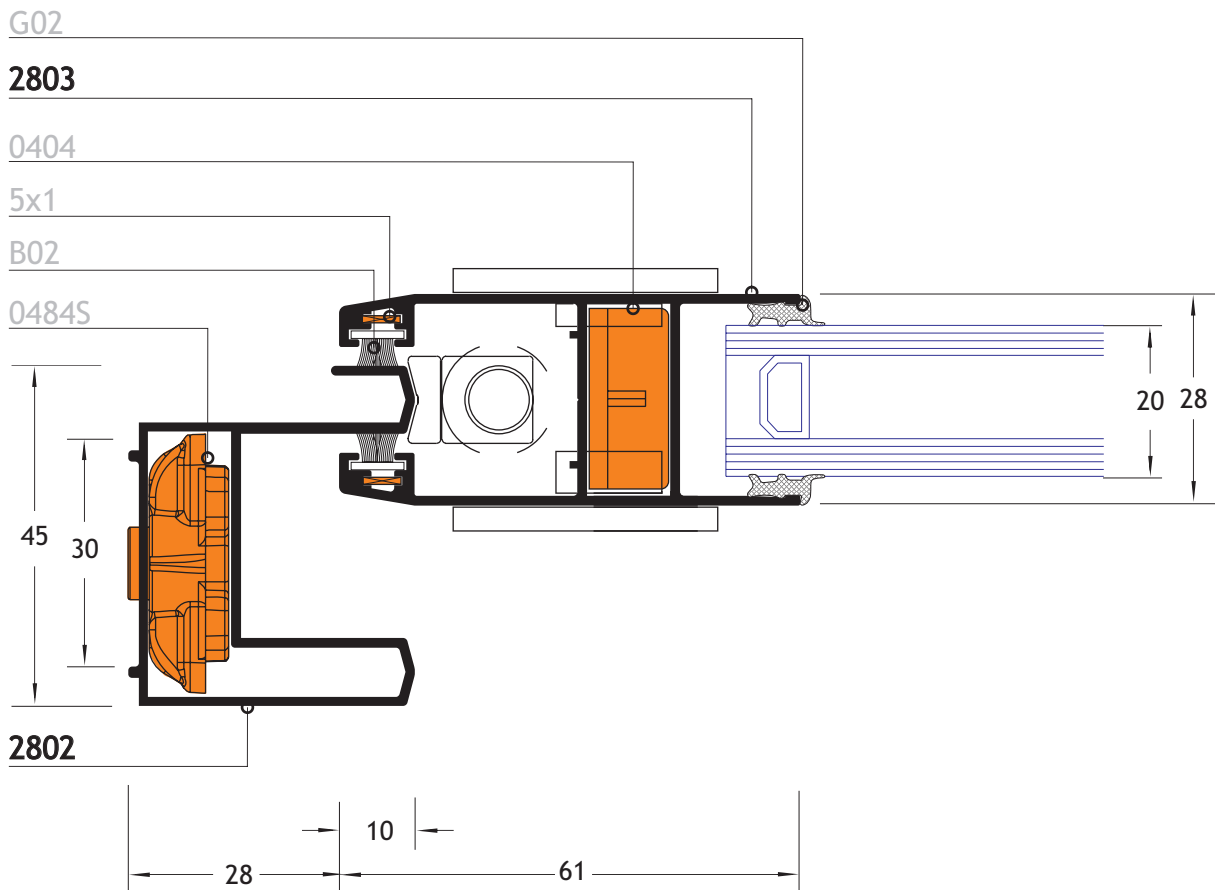
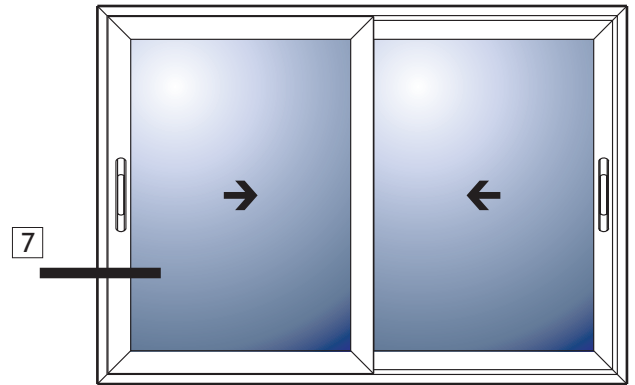


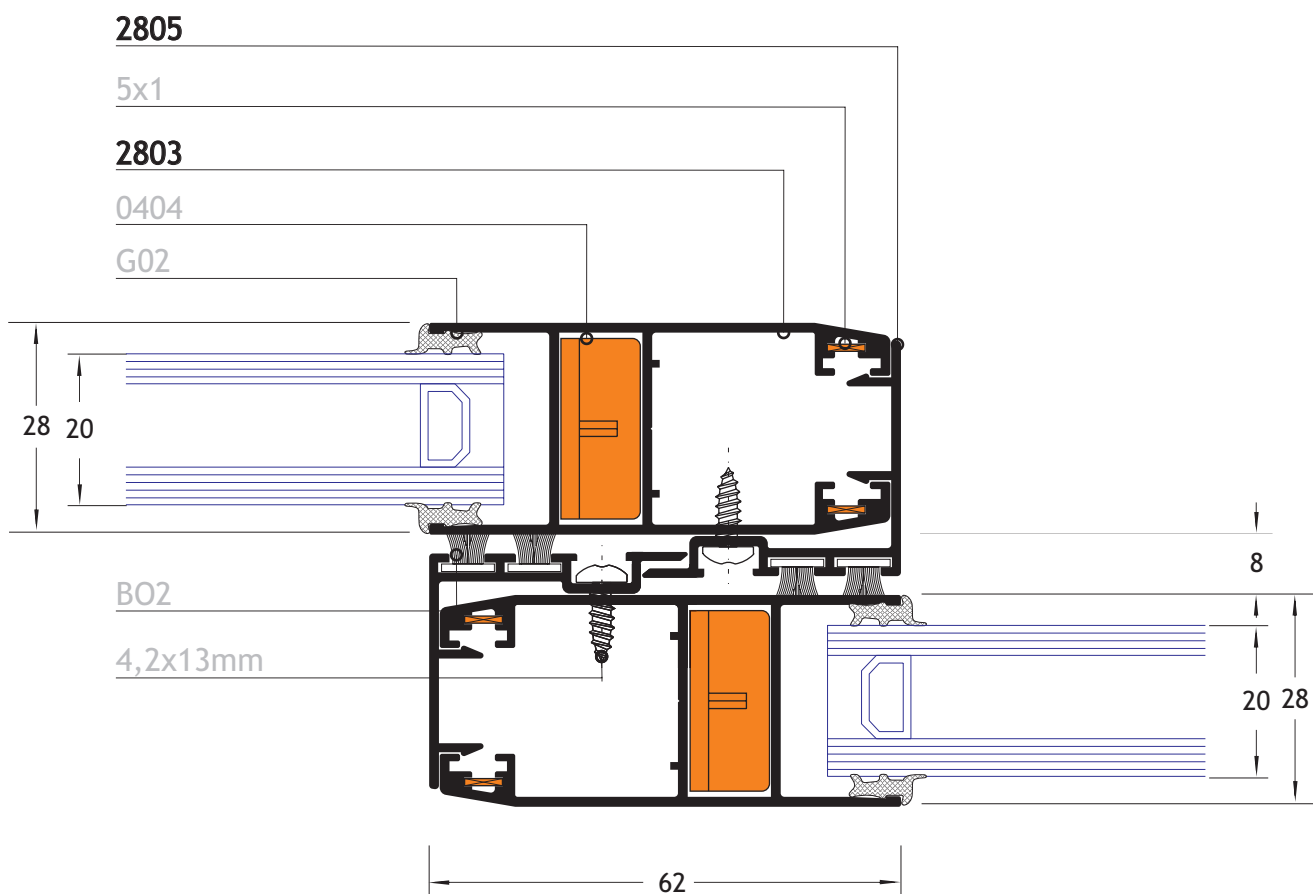
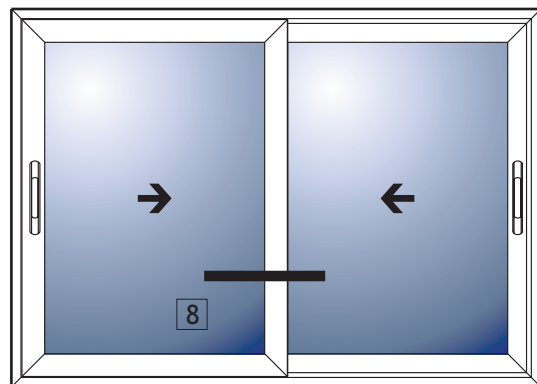


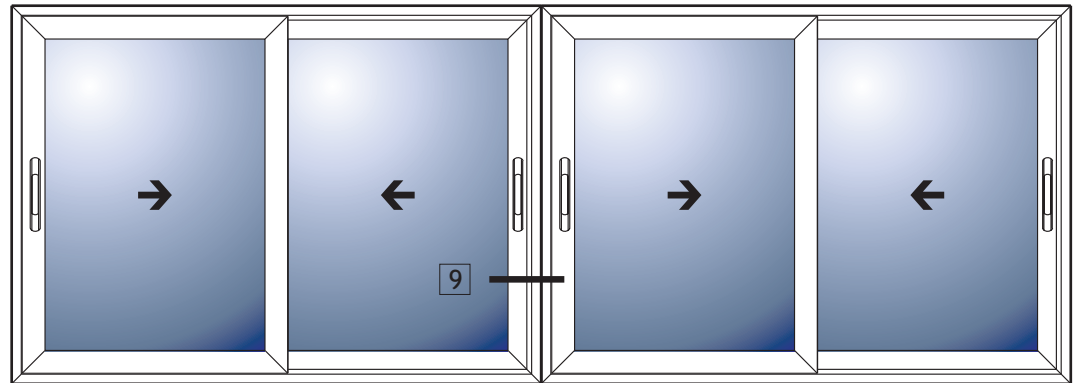












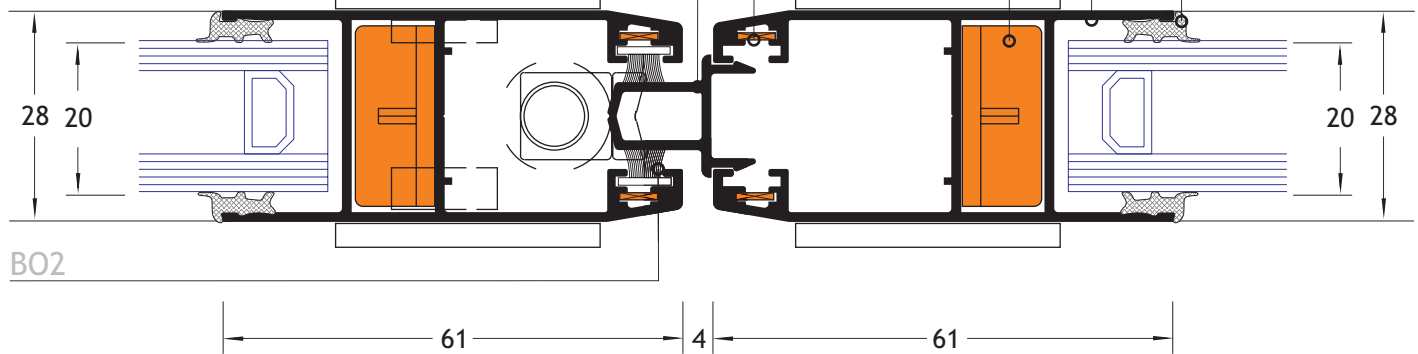
G02

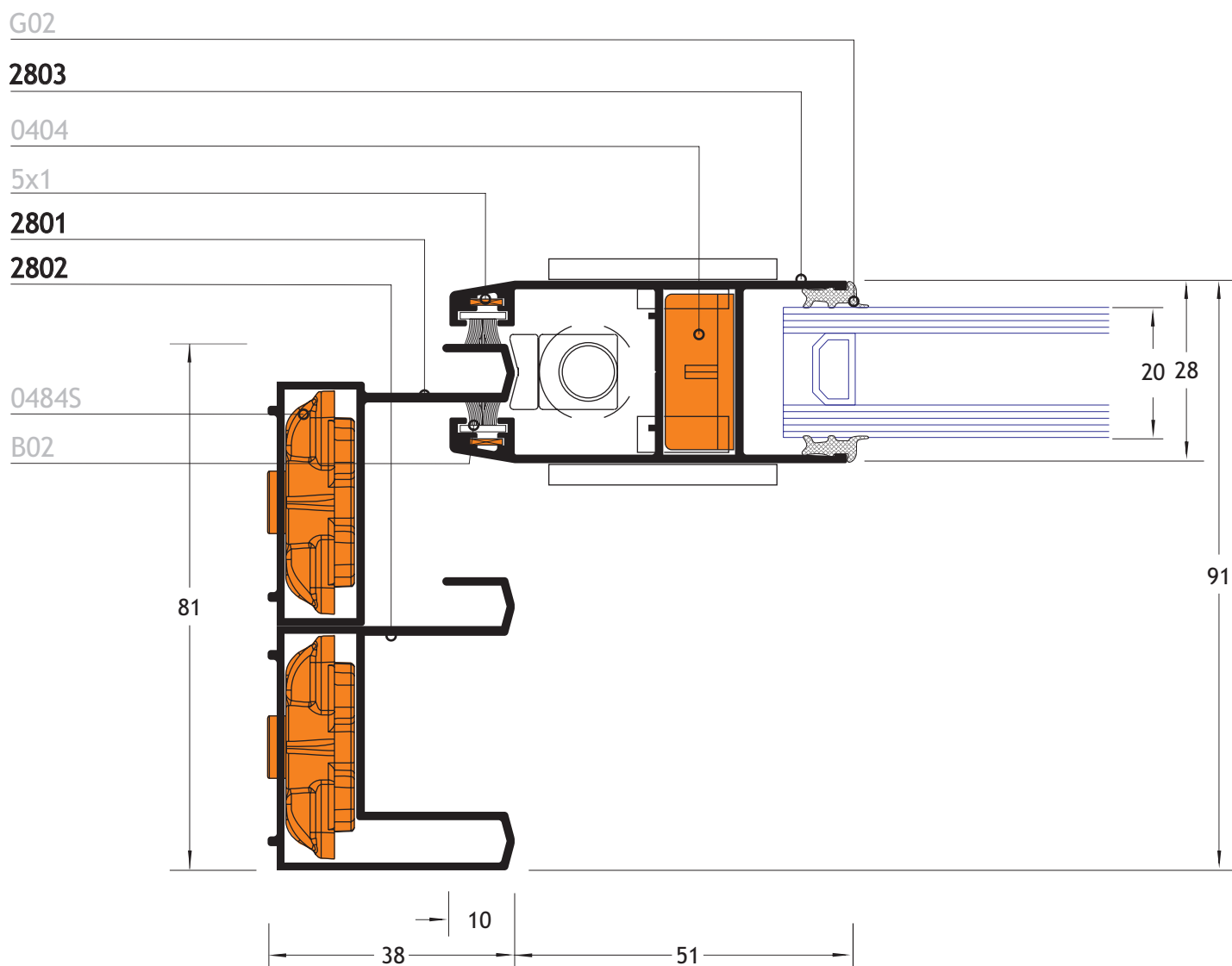
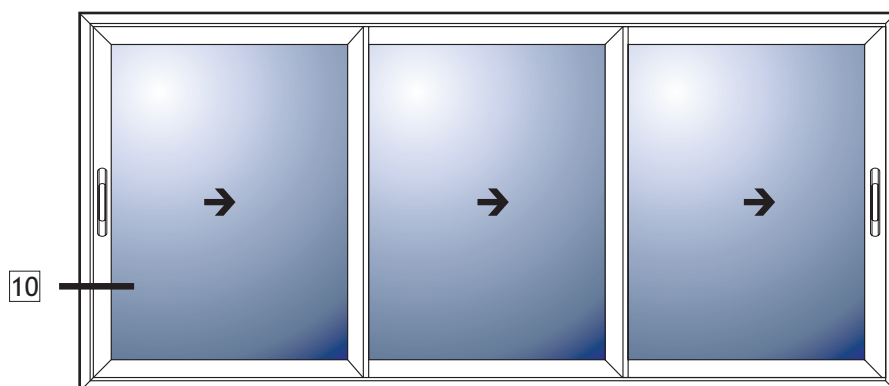
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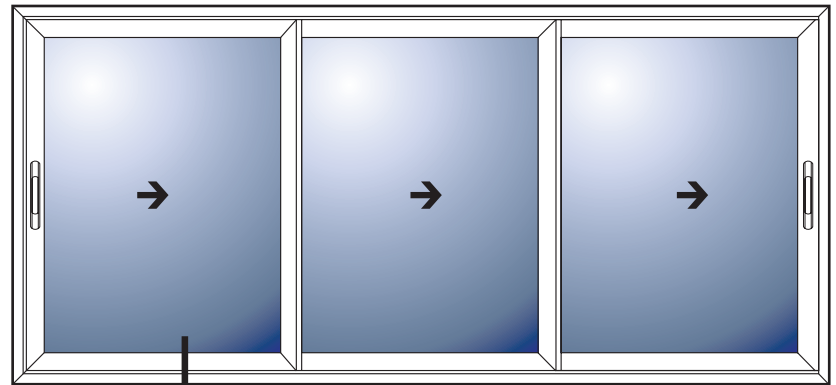
0404

5x1

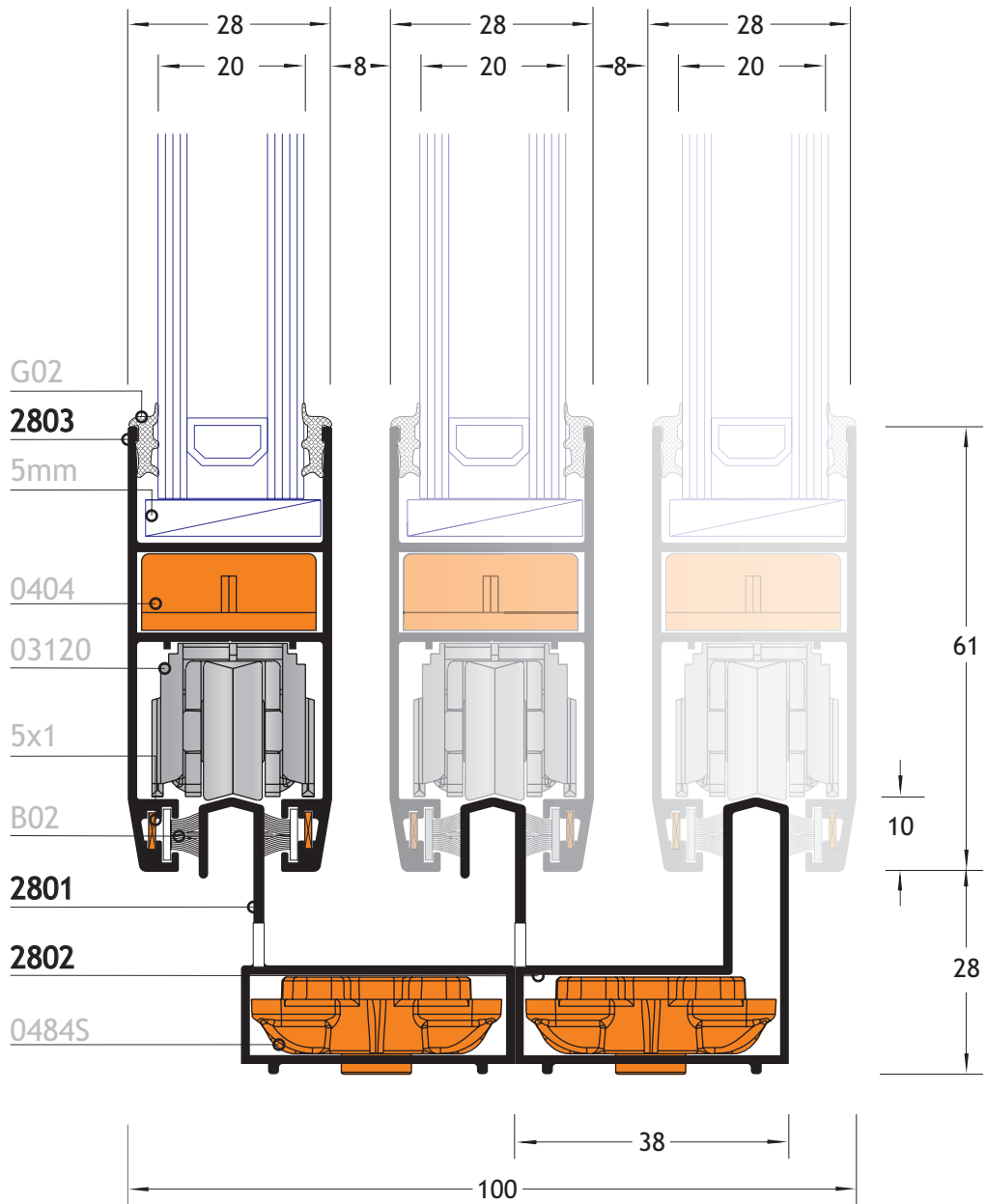
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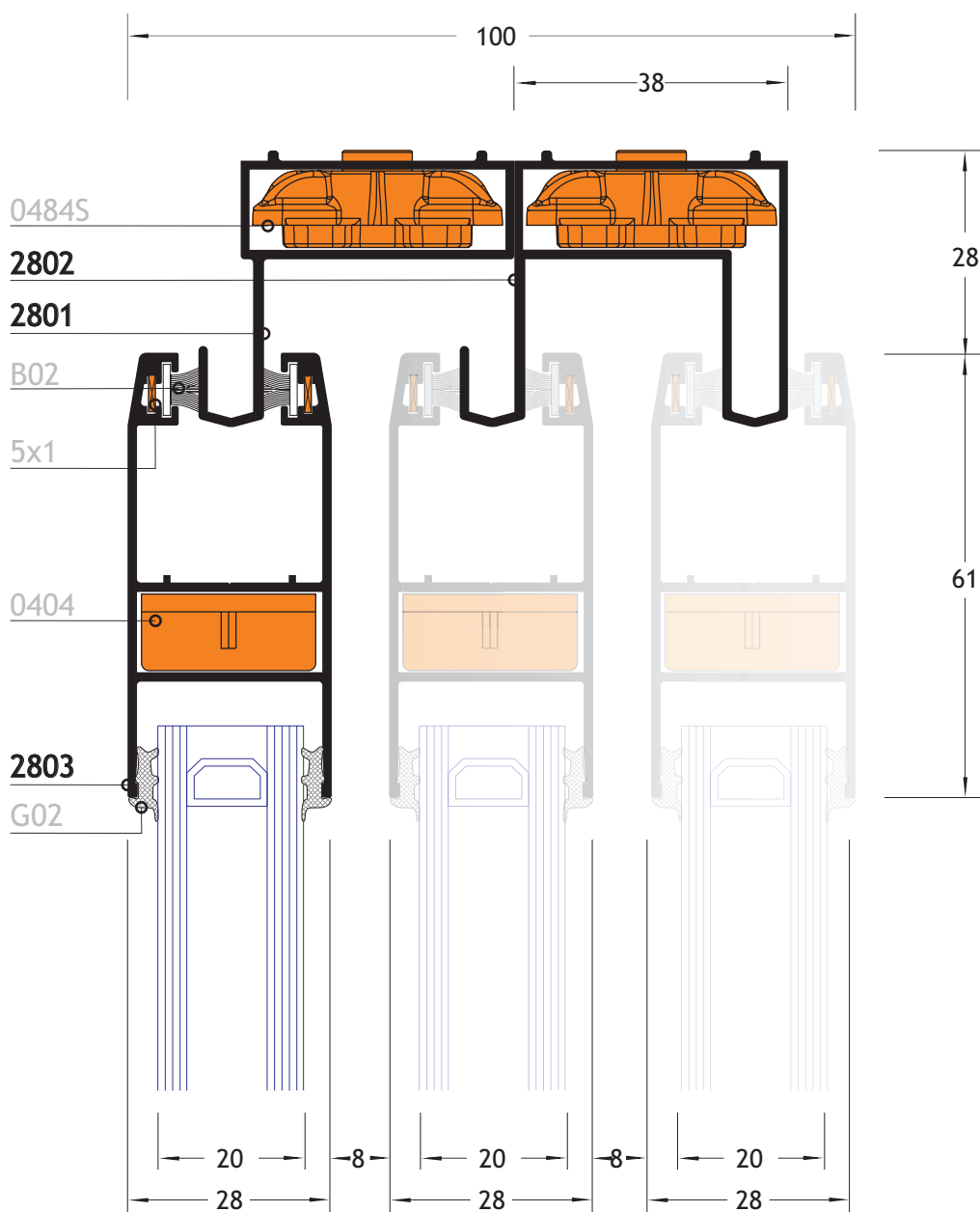
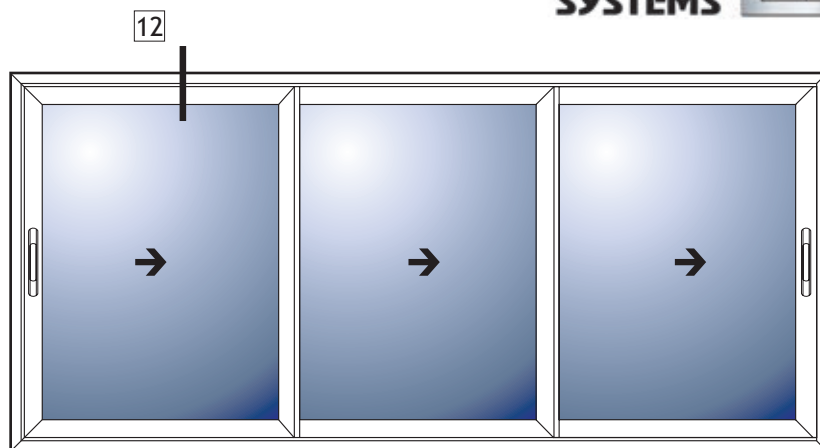


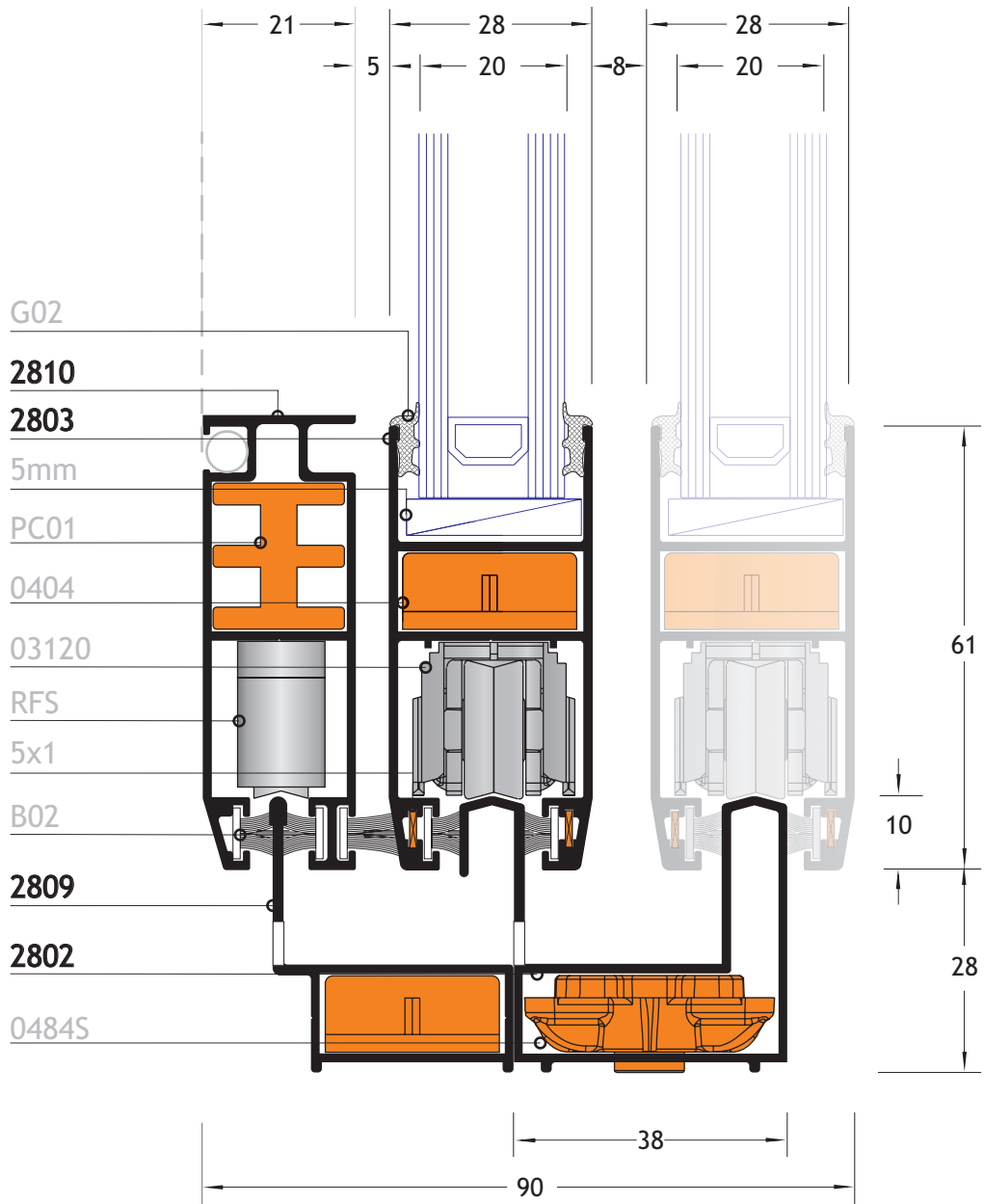
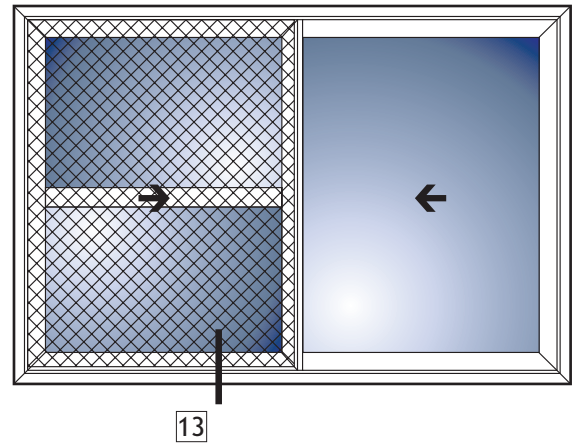


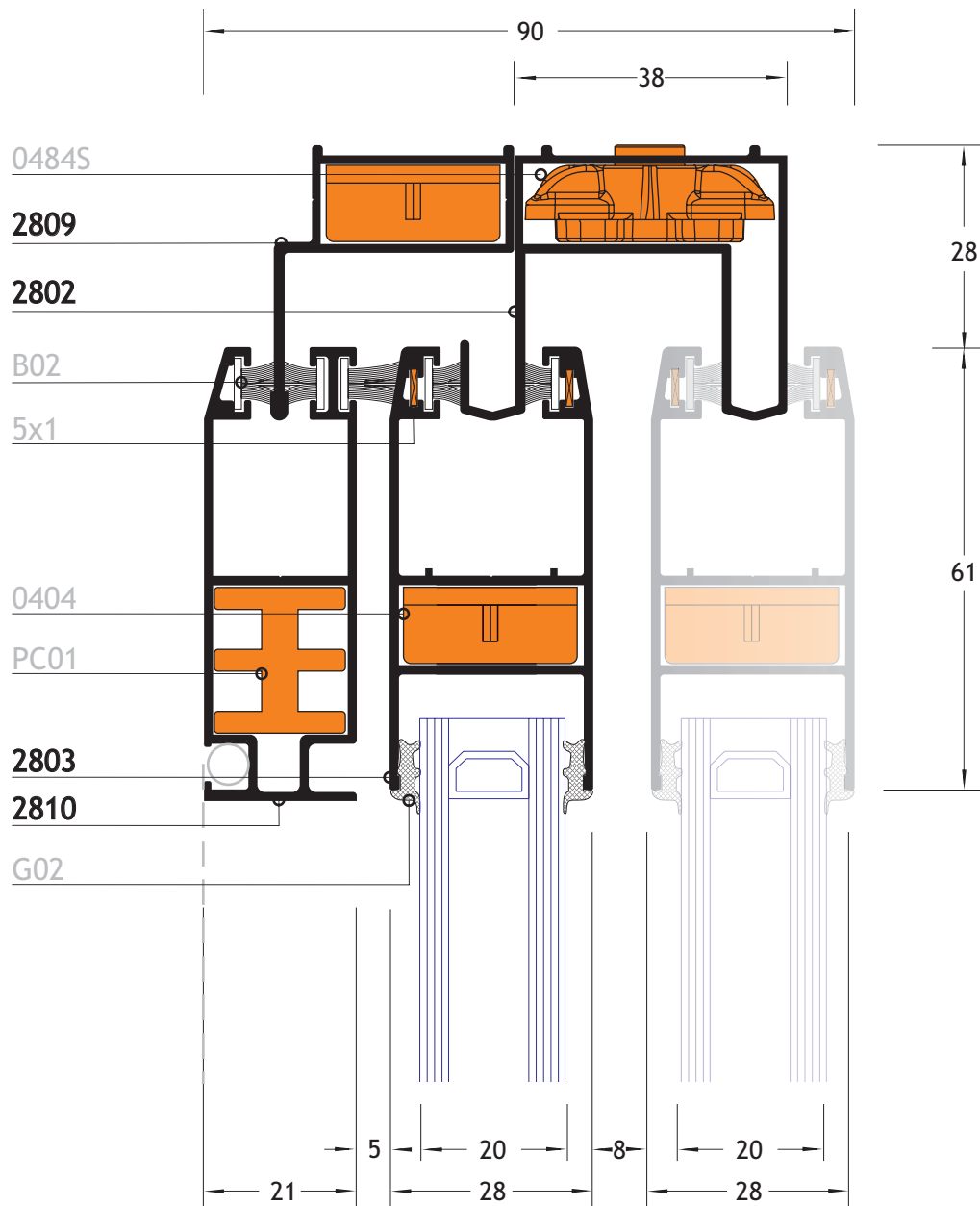
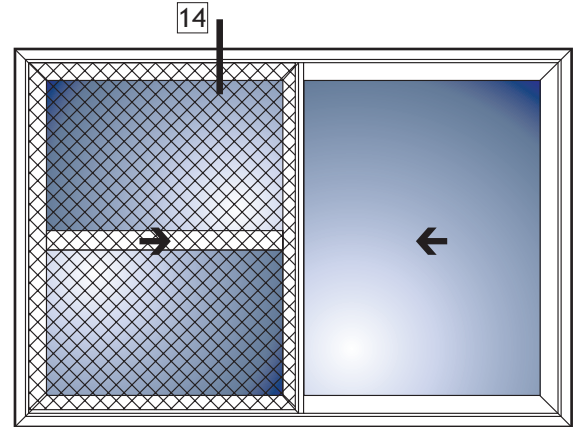


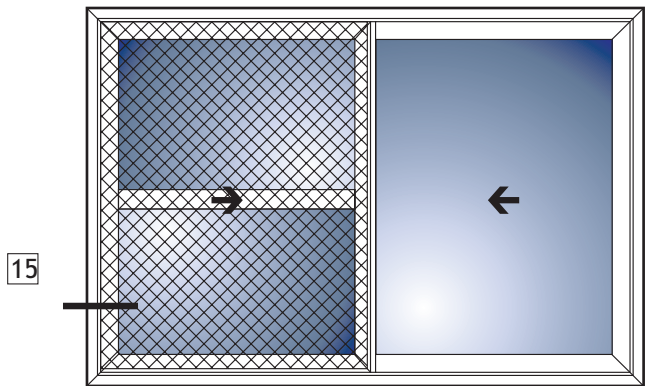
11











G02

2810

PC01

B02

0404

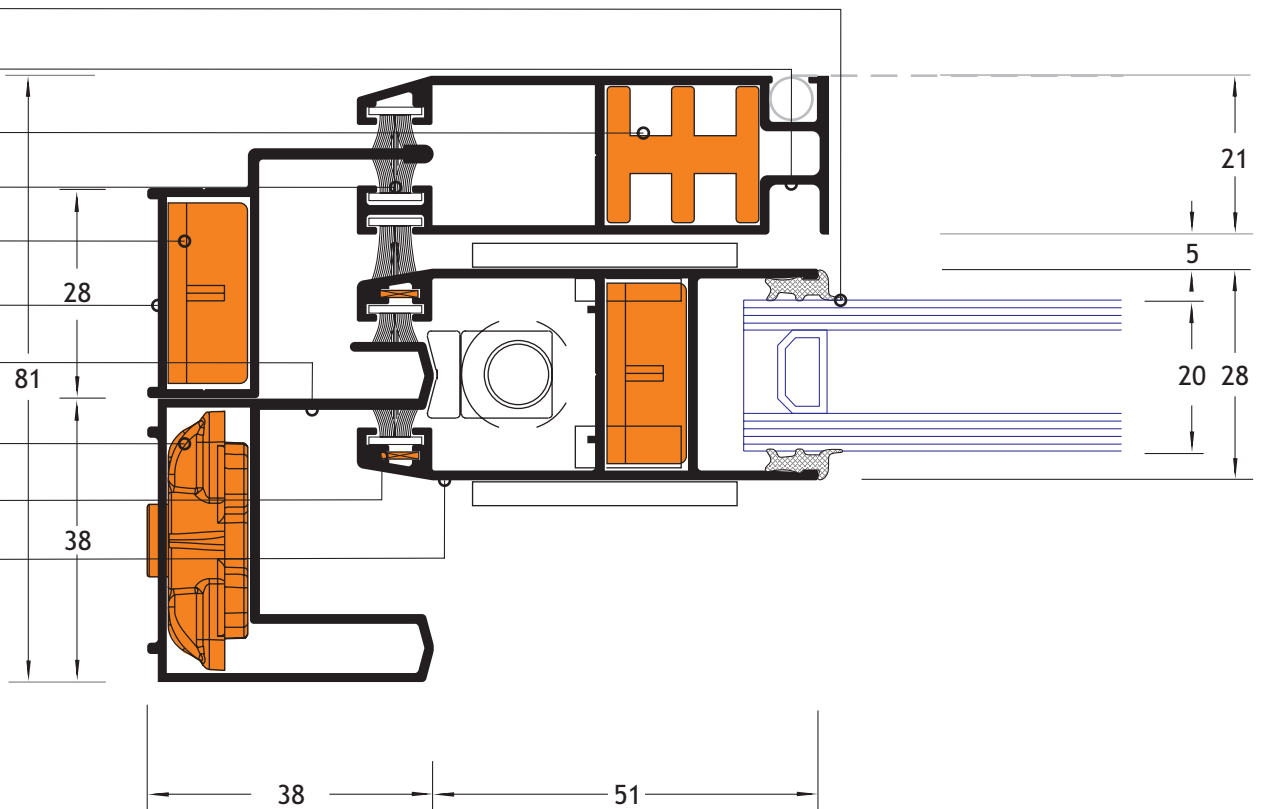
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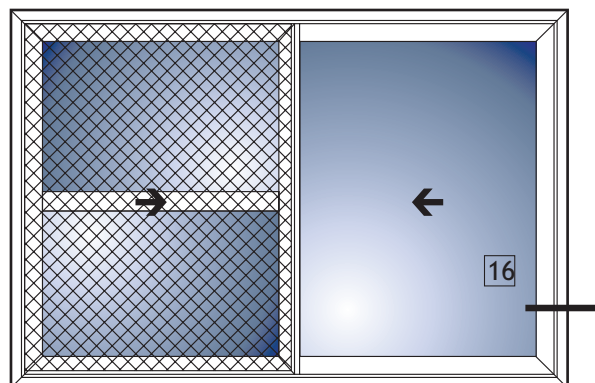
2802

0484S

5x1

2803





2809

0404

2802

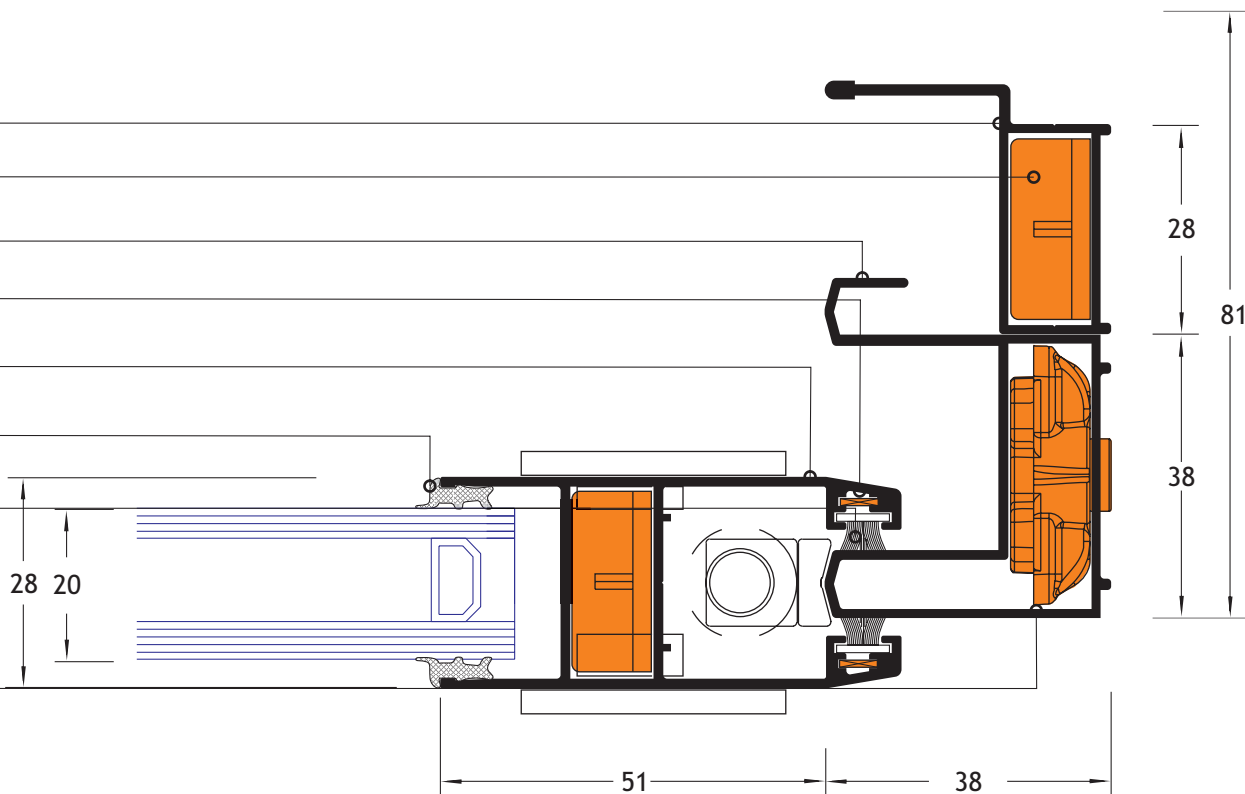
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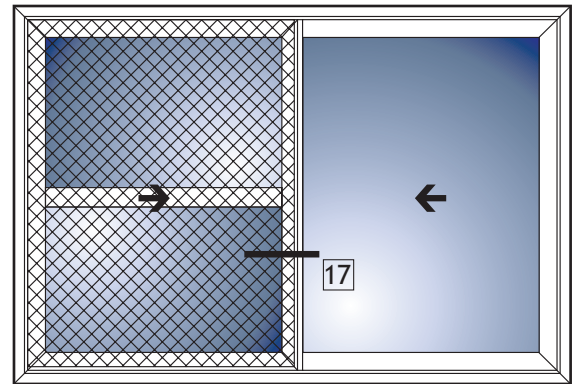
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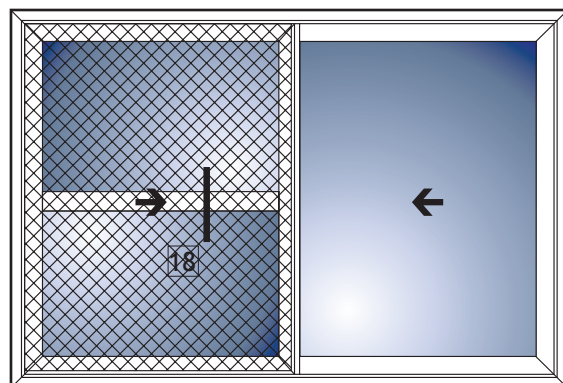
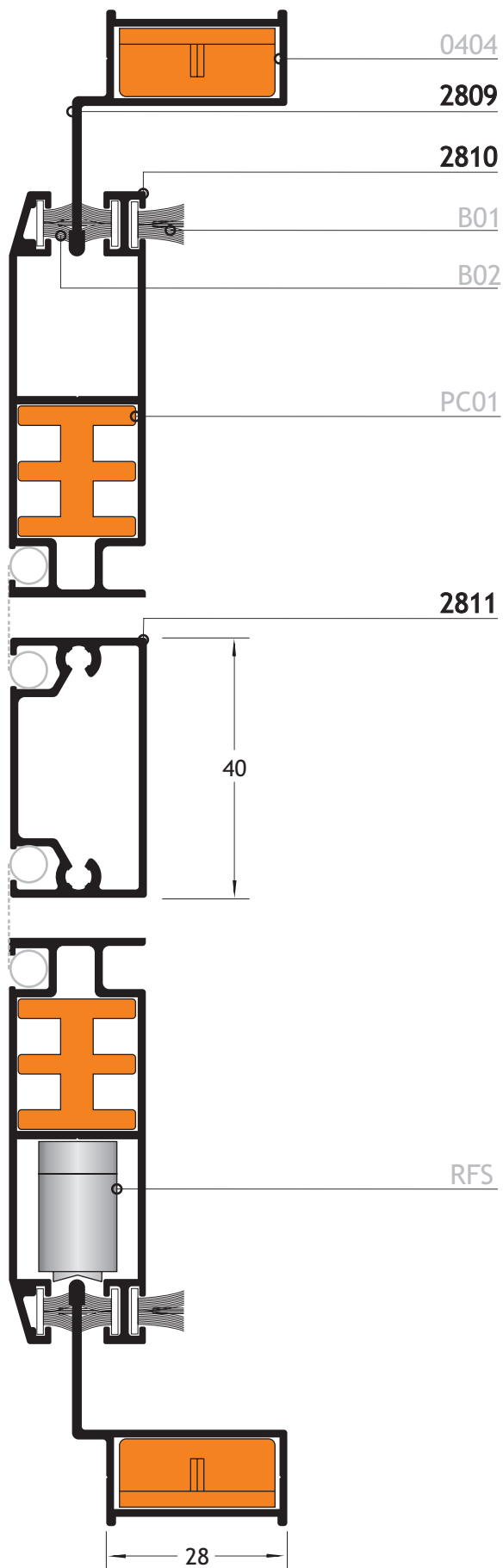
G02

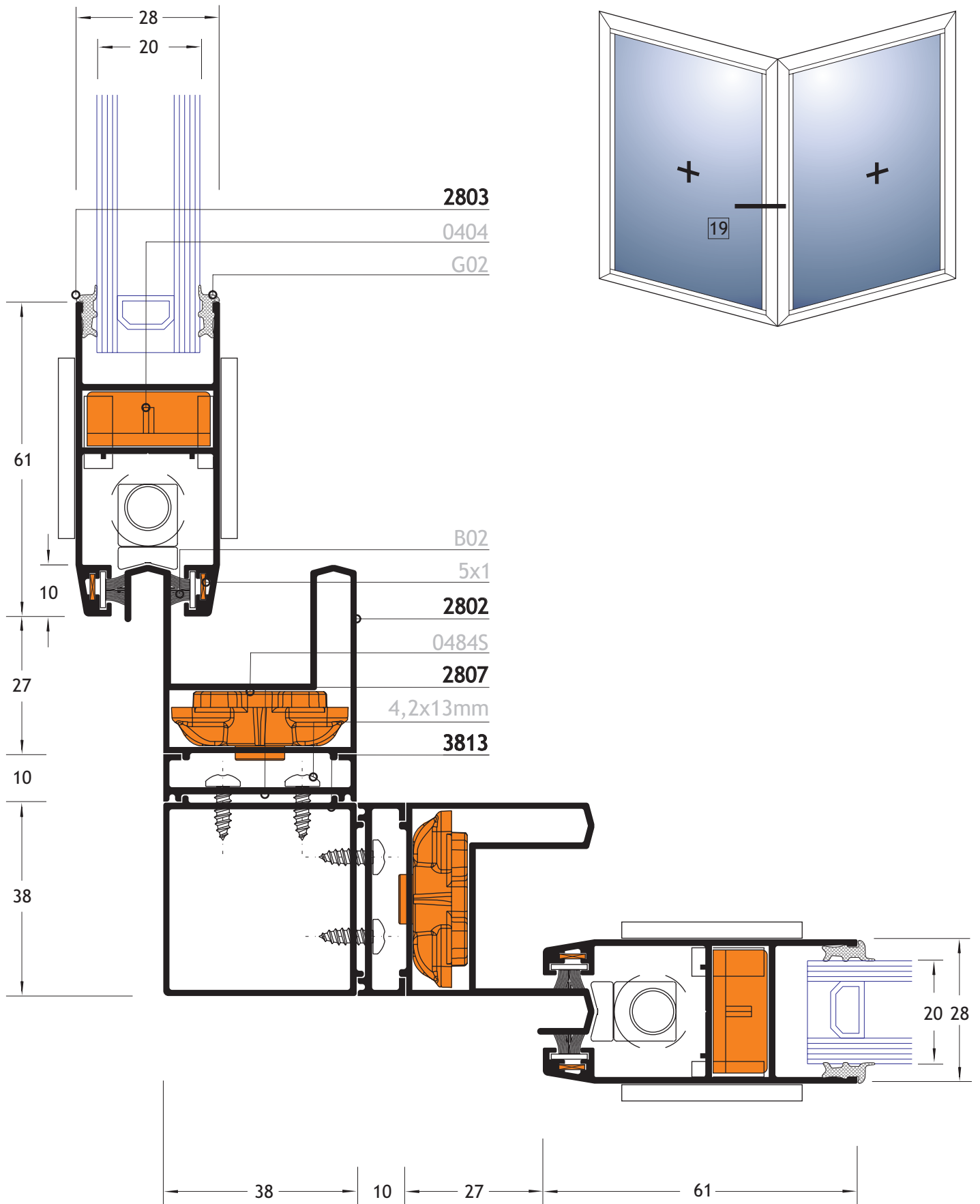
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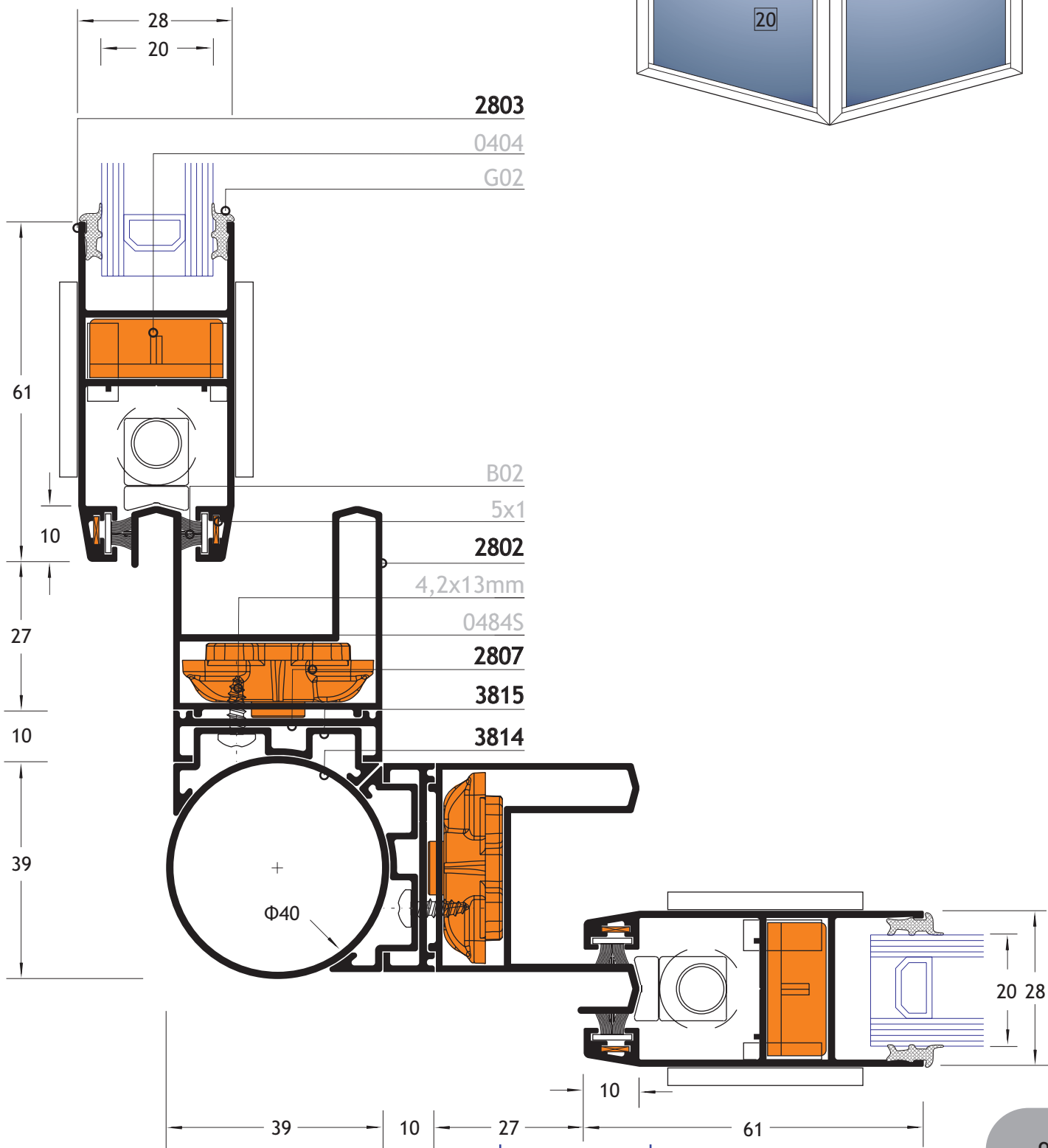
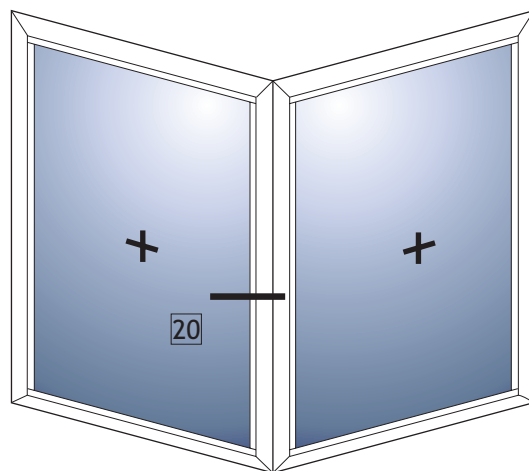
0484S



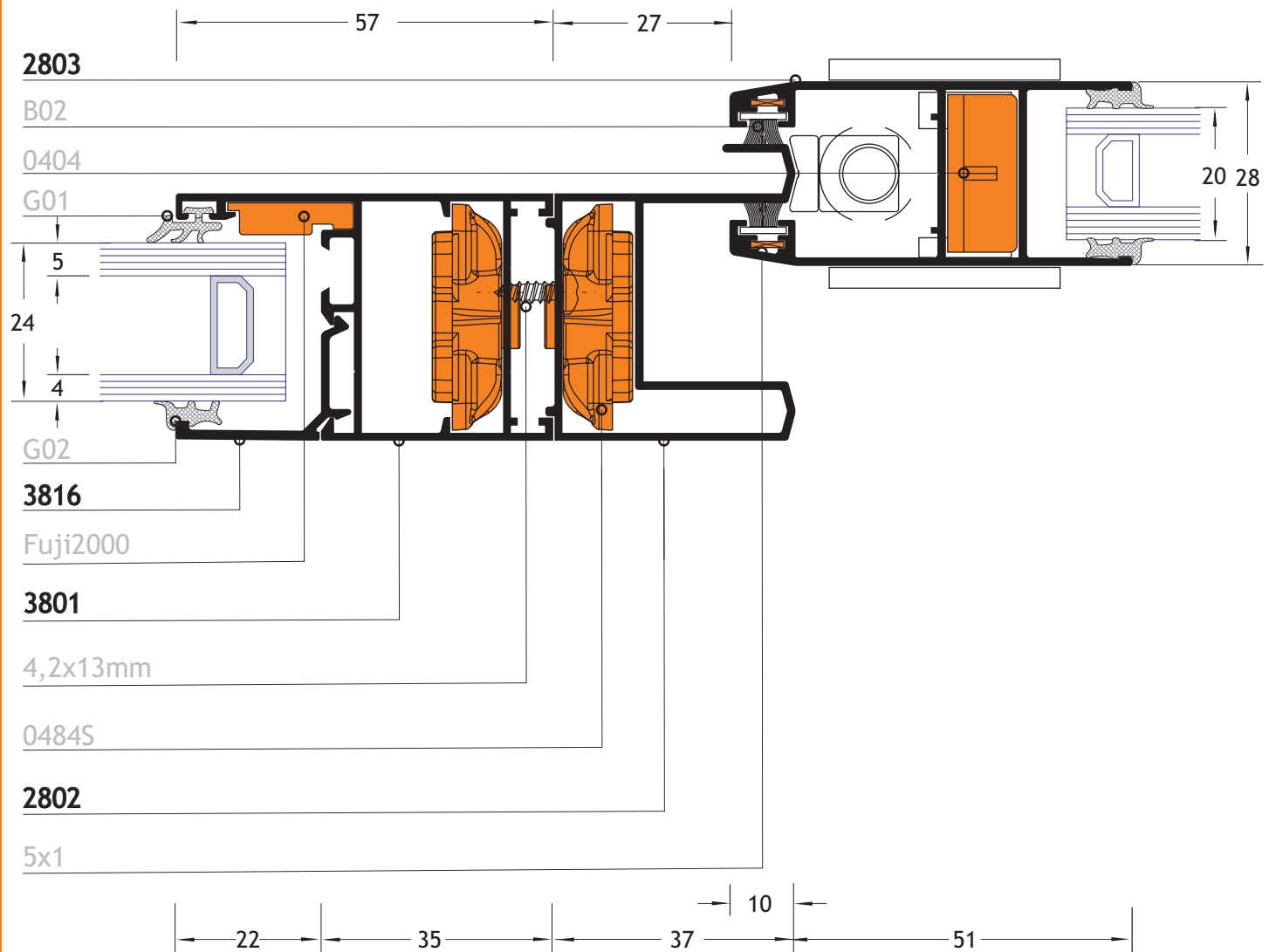
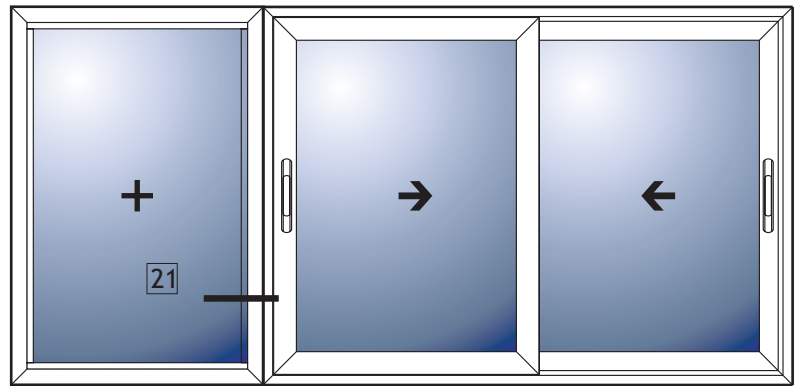




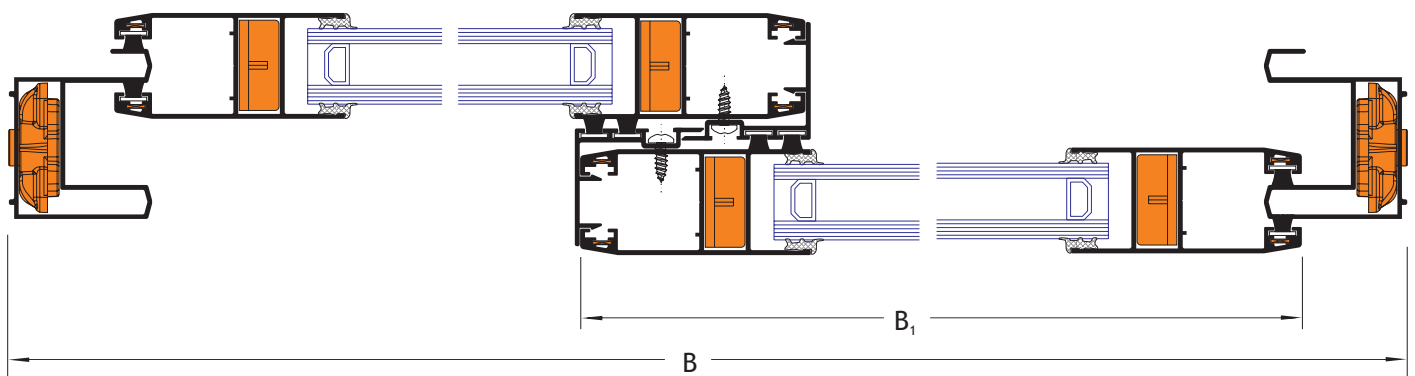
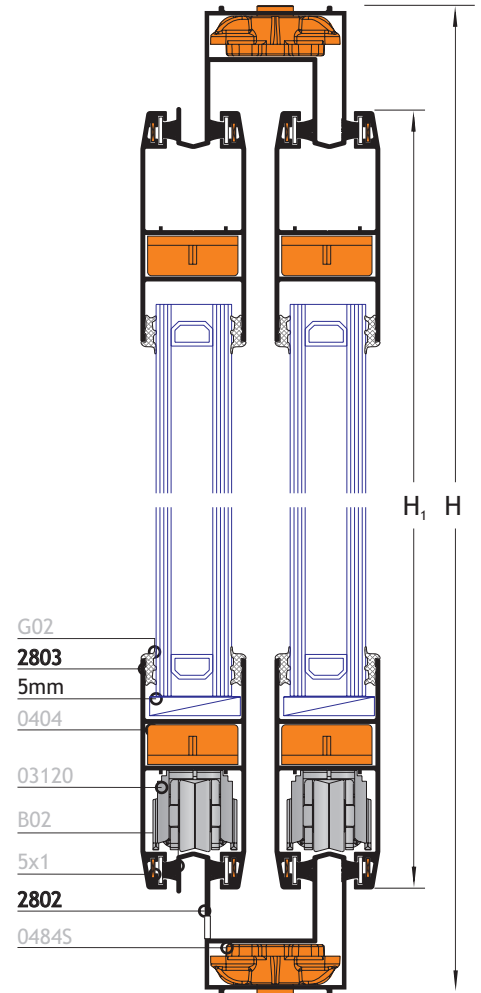
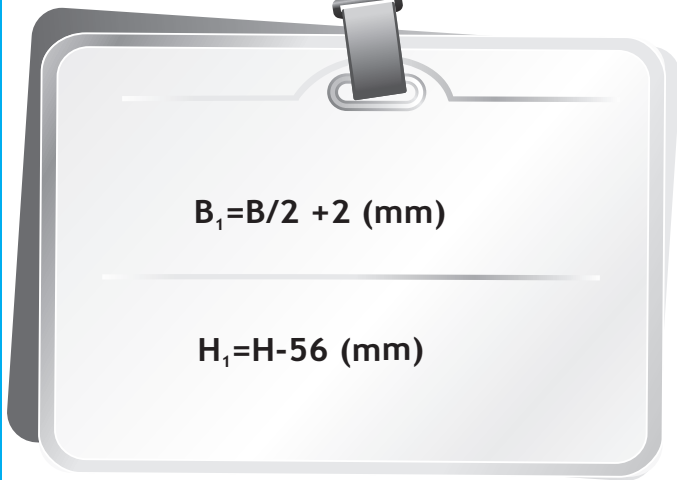
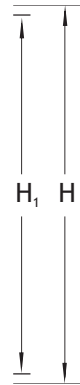
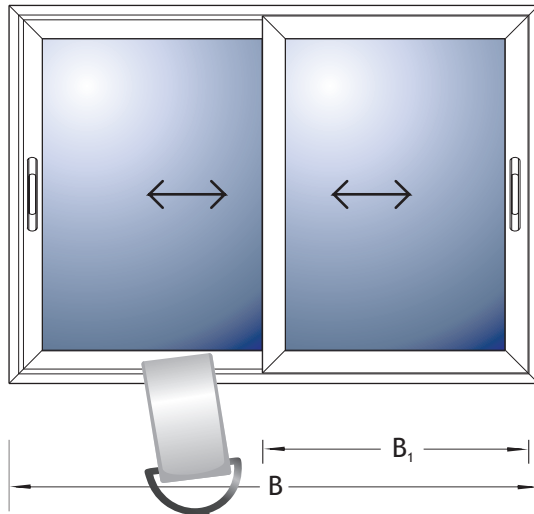


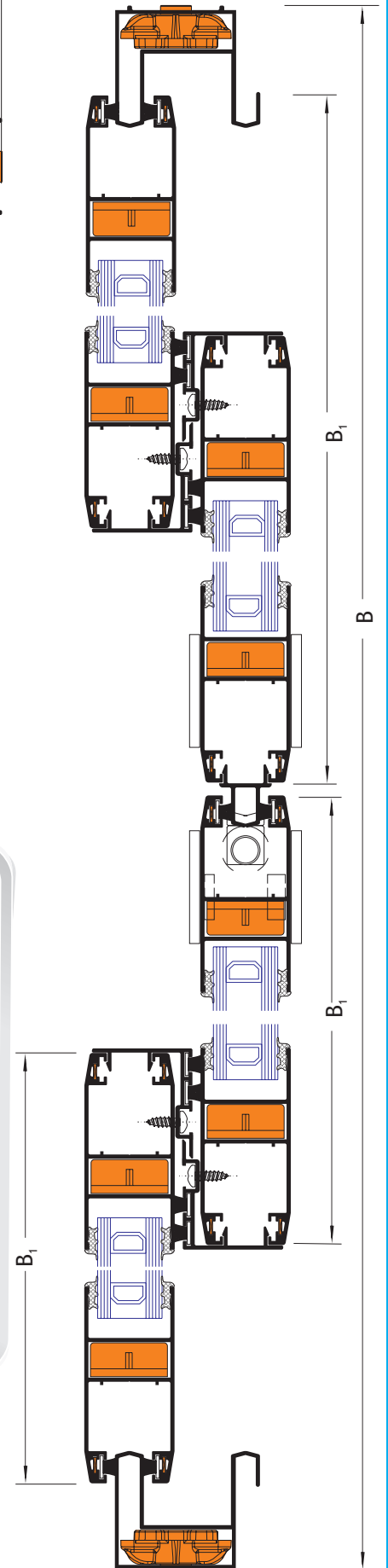
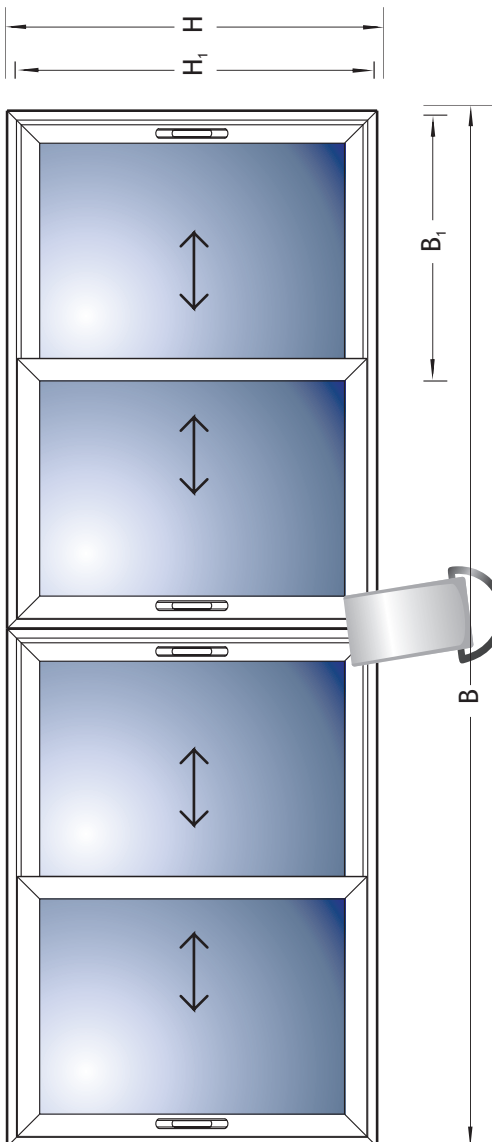
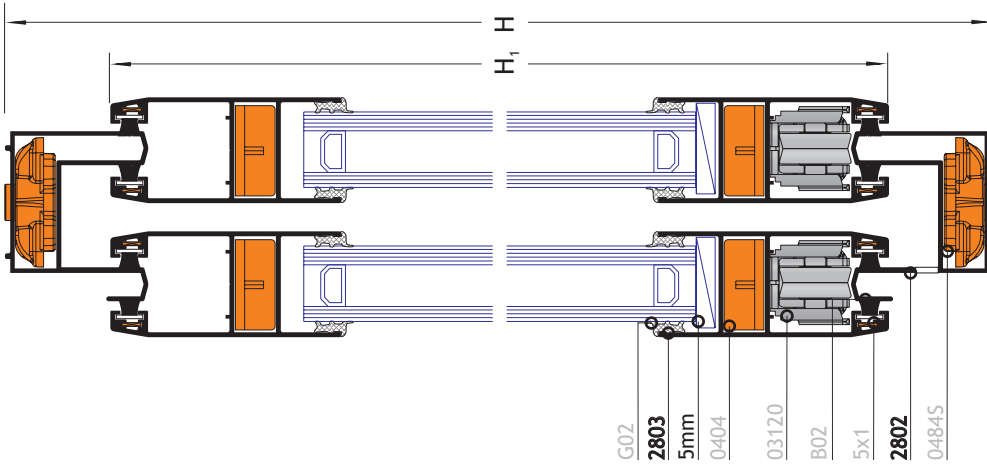


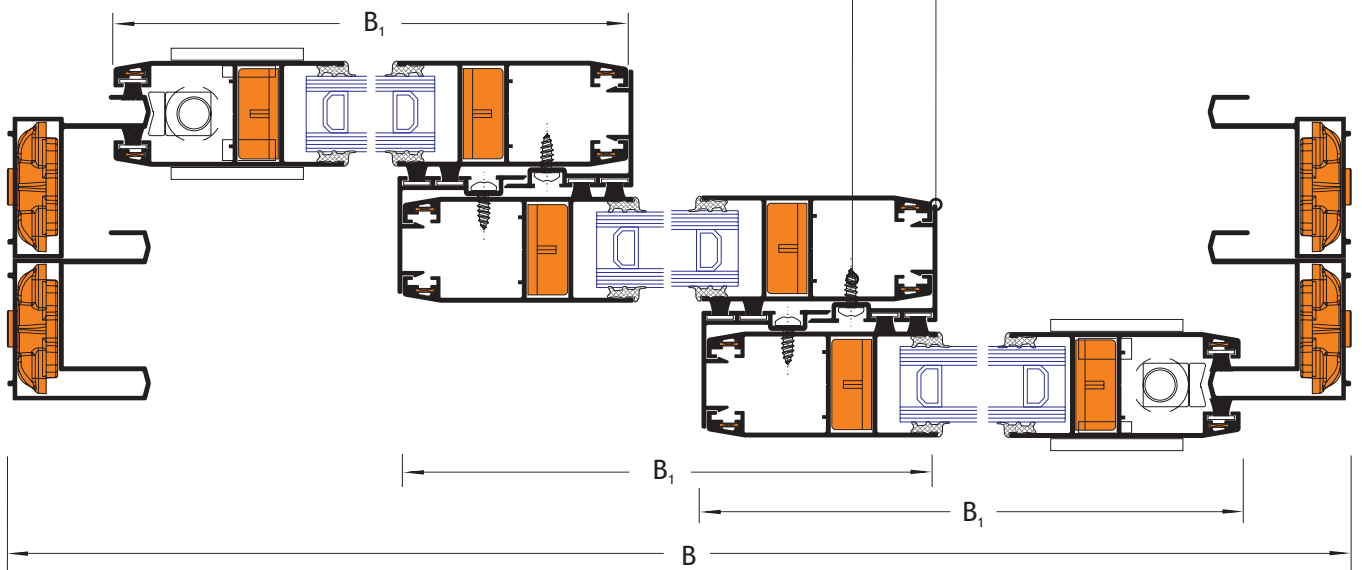
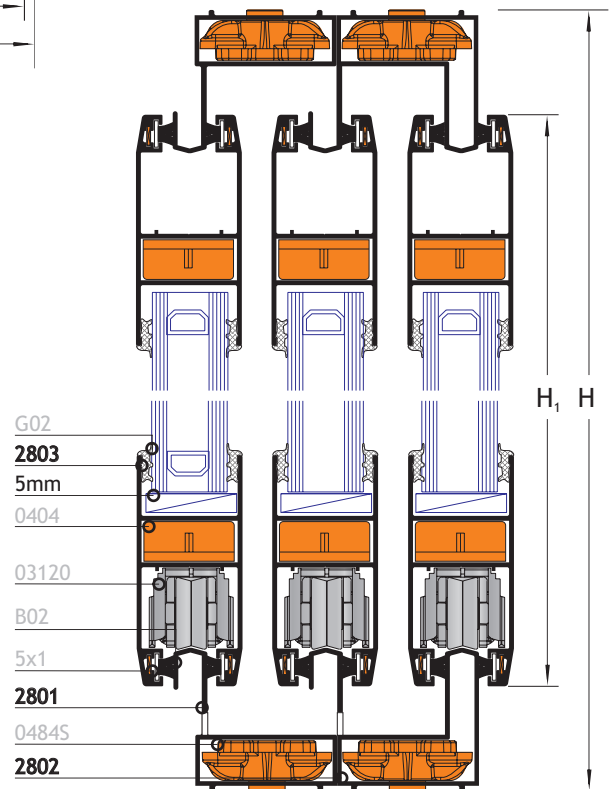
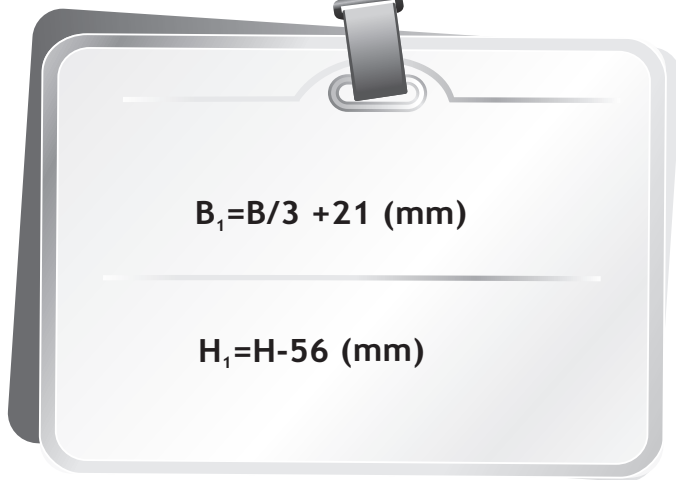
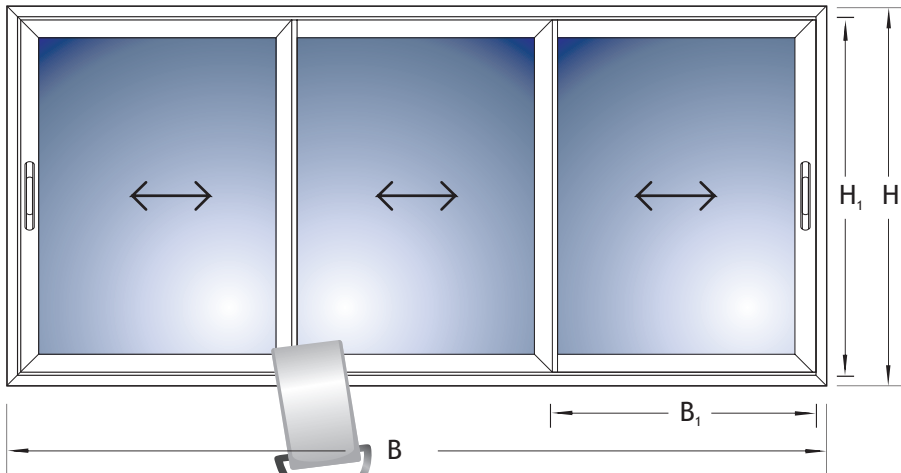
СЕЧЕНИЯ 1:1 | SECTION 1:1 | 2016

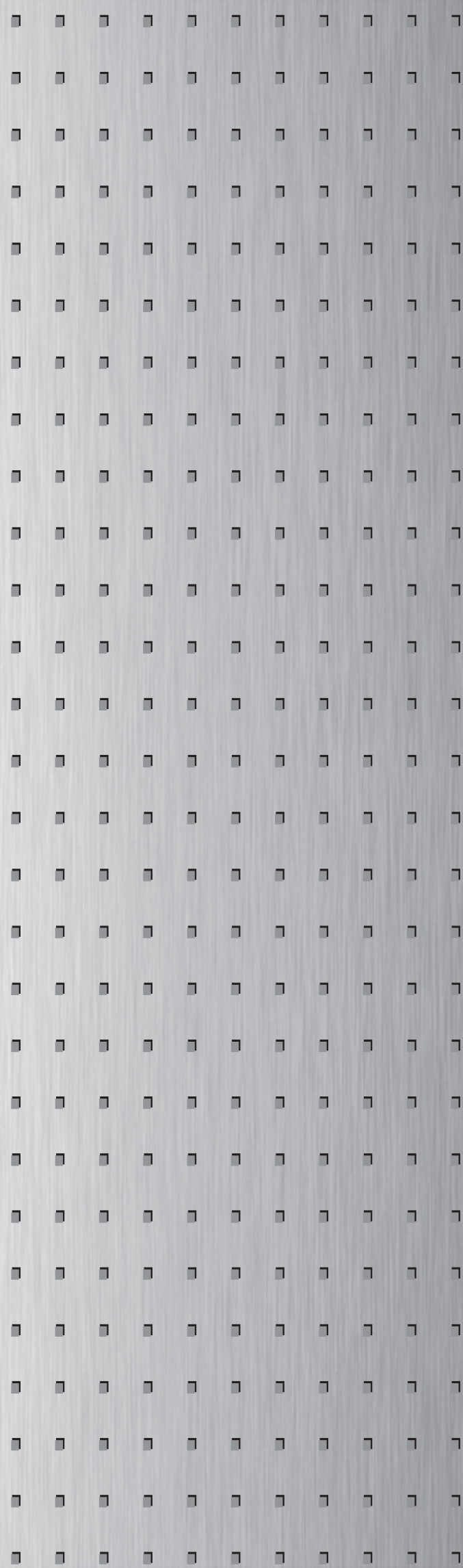












55 mm  
ОТВАРЯЕМА  
СИСТЕМА С  
ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ

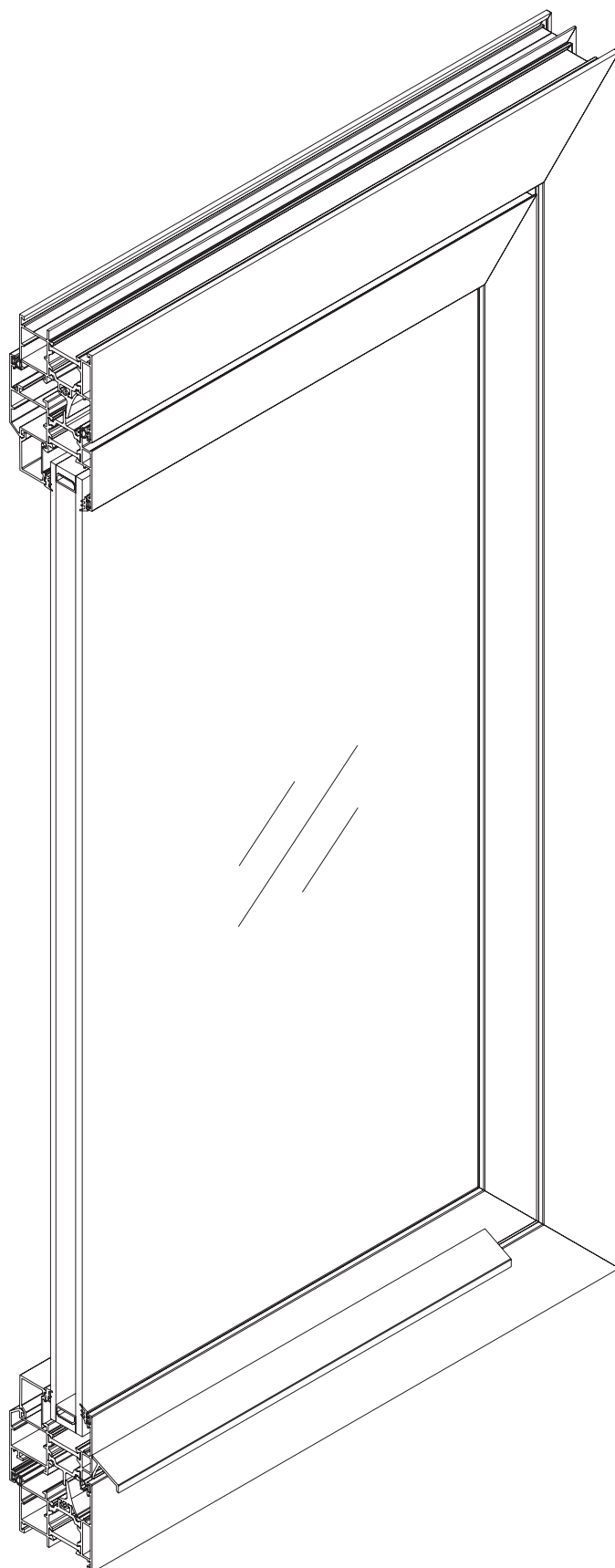
55 mm  
THERMO-BREAK  
OPENING  
SYSTEM

### Отваряема система с прекъснат термичен мост 55 мм ( TBO55 )

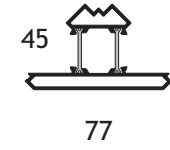
Профилите са с 24 мм полиамид, както на касата така и на крилото. Системата има следните профили: каса, крило, крило за врата навътре, крило за врата навън, делител, летящ кемпфер, профил за стационарен ъгъл 90 о, профили за произволен ъгъл, праг и два допълнителни профила за врата. Сглобката е 0423 при касата и 0365S при крилата. От външната част използваме изравнителен ъгъл с ексцентрично заключване Fuji 2000, от вътрешната страна на крилата изравнителен ъгъл Ac01(14x1), при касите 5x1. Стъклодържател 3819 е предвиден за стъклопакет 24 мм, 3818 за стъклопакет 28 мм, 3817 за стъклопакет 38 мм.




### Thermo- break opening system 55 mm ( TBO55 )

The profiles are provided with 24 mm polyamide, on the frame and on the sash. The system consists of the following profiles: frame, sash, door sash opening outside, door sash opening inside, T- profile, adjoining profile, profile for a 90 o fixed angle, profiles for arbitrary angles, threshold and two additional door profiles. 0423 corner at the frame and 0365S at the sashes. We use an alignment corner with Fuji 2000 eccentric locking for the external side, Ac01(14x1) alignment corner for the internal side of the sashes, 5x1 - frames. 3819 glazing bead provided for 24 mm insulating glass unit, 3818 for insulating glass unit 28 mm, 3817 for 38 mm insulating glass unit.



ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
5501 	1134	7,83	15,67	344	КАСА FRAME	106
5502 	1181	9,53	21,55	391	КРИЛО ПРОЗОРЕЦ SASH	106
5514 	1278	9,22	22,88	372	КРИЛО С ЕВРО КАНАЛ SASH	107
5503 	1500	27,85	28,24	433	КРИЛО ВРАТА НАВЪТРЕ SASH	107
5504 	1581	31,52	28,06	468	КРИЛО ВРАТА НАВЪН SASH OR OUTSIDE	108
5505 	1345	11,13	18,23	400	ДЕЛИТЕЛ T-PROFILE	108
5506 	1120	7,29	15,13	401	ЛЕТЯЩ КЕМПФЕР ADJOINING PROFILE	109

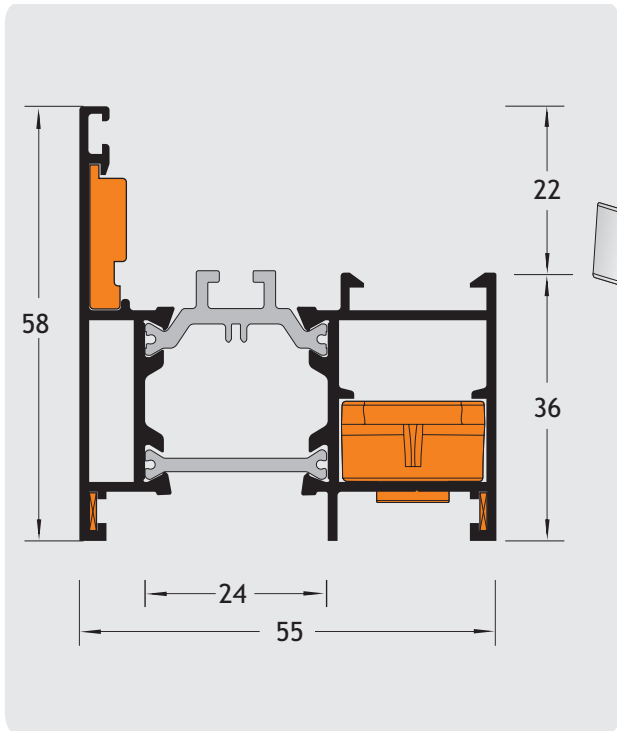
ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
		$I_x$ (cm <sup>4</sup> )	$J_y$			
5516  61 59	1247	8,13	18,46	481	ЛЕТЯЩ КЕМПФЕР С ЕВРО КАНАЛ  ADJOINING PROFILE	109
5515  90 55	1579	24,58	23,89	460	ПОДОВ ПРОФИЛ  KICK-PLATE	110
5510  45 77	1231	10,83	15,37	258	ЪГЛОВА КОЛОНА 90 ГРАДУСА  ADJOINING PROFILE	110
5511  Φ70	1336	21,21	24,10	253	ТРЪБА  ADJOINING PROFILE	111
5507  15 51	737	0,69	7,98	142	ПРАГ  THRESHOLD	111
5508  22 16	226	0,31	0,19	137	КАПАЧКА ЗА ПРАГ  ADJOINING PROFILE	112
5509  8 18	124	0,01	0,14	68	ГОЛЯМА КАПАЧКА  SUPPLEMEN. PROFILE	112

ПРОФИЛ PROFILE		Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ (cm <sup>4</sup> ) $J_y$		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
5513	18  24	273	0,22	0,57	92	АДАПТЕР ЗА ТРЪБА ADJOINING PROFILE	113
5512	18  12	155	0,13	0,07	58	АДАПТЕР ЗА ТРЪБА ADJOINING PROFILE	113

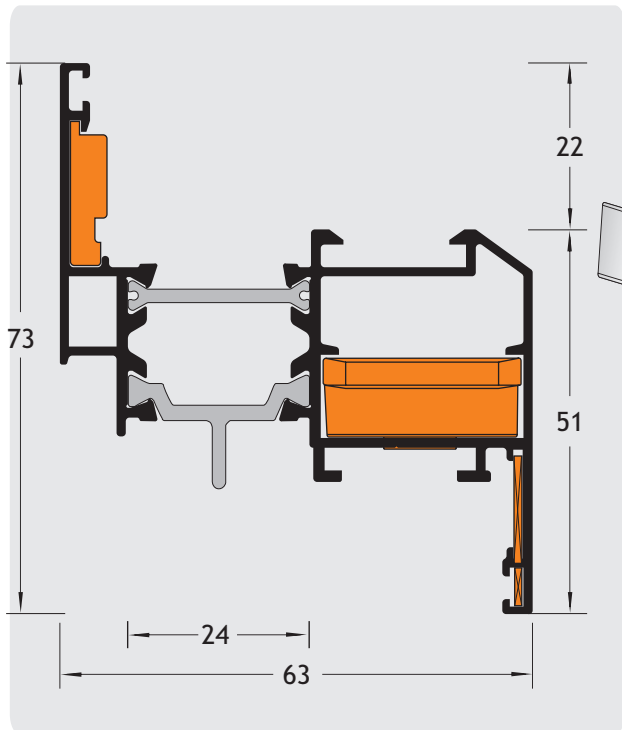
55 mm | ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ | THERMO-BREAK  
THERMO | ТЕРМИЧЕН МОСТ ТВО 55 | OPENING SYSTEM TBO 55

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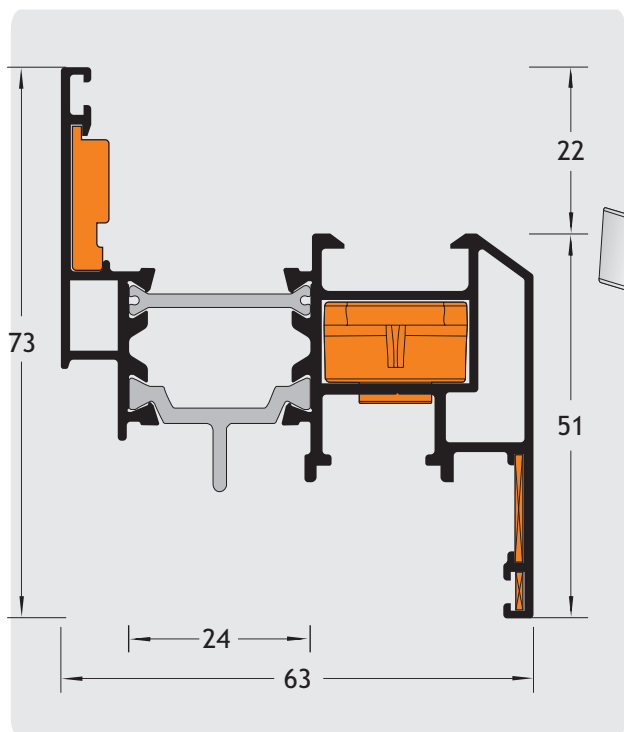




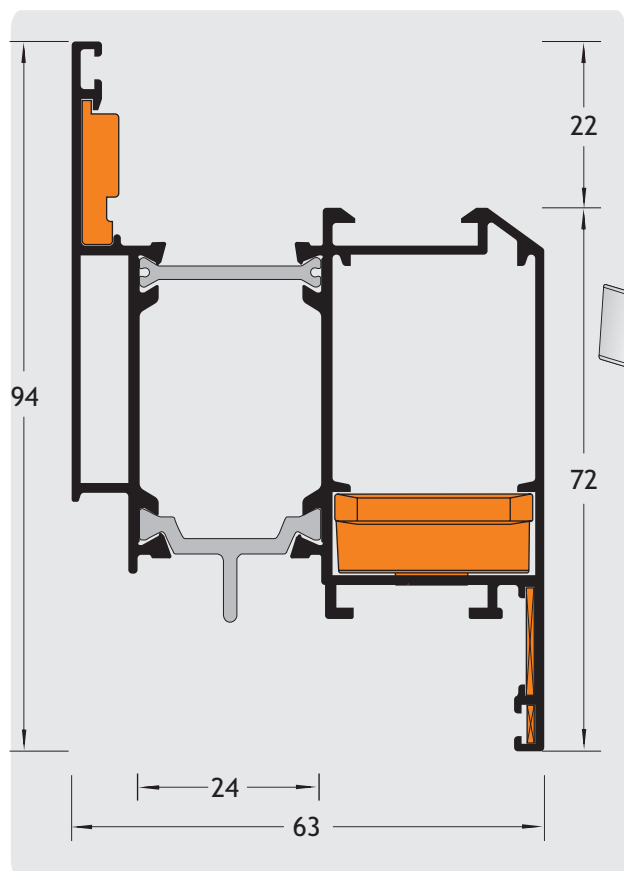
КАСА / FRAME	5501
ТЕГЛО / WEIGHT (gr/m)	W=1134
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=7,83
	Jy=15,67
Периметър / Perimeter (mm)	P=344
<b>Акcesoари / Accessories</b>	
сглобка / corner	0423
израв. ъгъл/сглобка alignment corner	Fuji2000,5x1



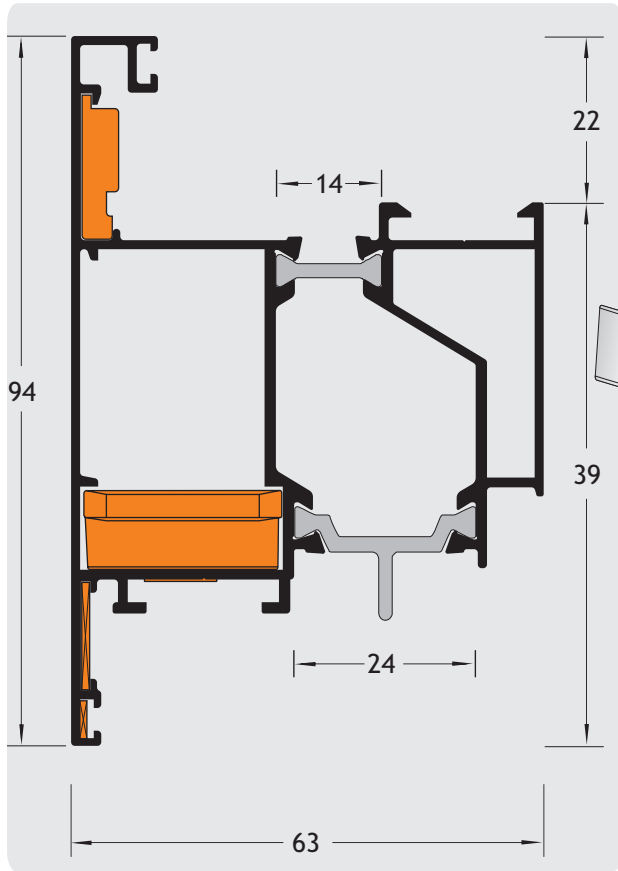
КРИЛО ПРОЗОРЕЦ SASH	5502
ТЕГЛО / WEIGHT (gr/m)	W=1181
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=9,53
	Jy=21,55
Периметър / Perimeter (mm)	P=391
<b>Акcesoари / Accessories</b>	
сглобка / corner	0365S
израв. ъгъл/сглобка alignment corner	Fuji2000,5x1,Ac01



<b>КРИЛО С ЕВРОКАНАЛ SASH</b>	<b>5514</b>
ТЕГЛО / WEIGHT (gr/m)	W=1278
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=9,22
	Jy=22,88
Периметър / Perimeter (mm)	P=372
<b>Акcesoари / Accessories</b>	
сглобка / corner	0423
израв. ъгъл/сглобка alignment corner	Fuji2000,5x1,Ac01



<b>КРИЛО ВРАТА НАВЪТРЕ SASH</b>	<b>5503</b>
ТЕГЛО / WEIGHT (gr/m)	W=1500
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=27,85
	Jy=28,24
Периметър / Perimeter (mm)	P=433
<b>Акcesoари / Accessories</b>	
сглобка / corner	0365S
израв. ъгъл/сглобка alignment corner	Fuji2000,5x1,Ac01



**КРИЛО ВРАТА НАВЪН  
SASH OP. OUTSIDE**

**5504**

ТЕГЛО / WEIGHT (gr/m) W=1581

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Ix=31,52

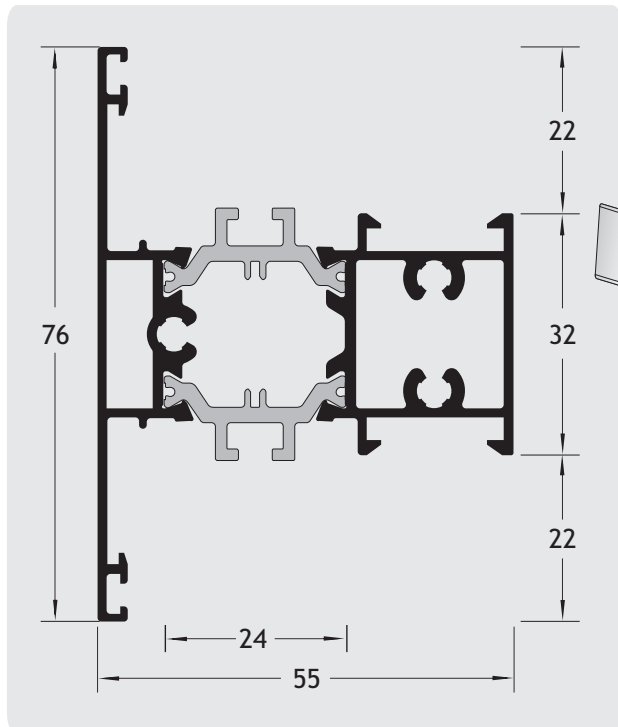
Iy=28,06

Периметър / Perimeter (mm) P=468

**Акcesoари / Accessories**

сглобка / corner 0365S

израв. ъгъл/сглобка  
alignment corner Fuji2000,5x1,Ac01



**ДЕЛИТЕЛ / T-PROFILE**

**5505**

ТЕГЛО / WEIGHT (gr/m) W=1345

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Ix=11,13

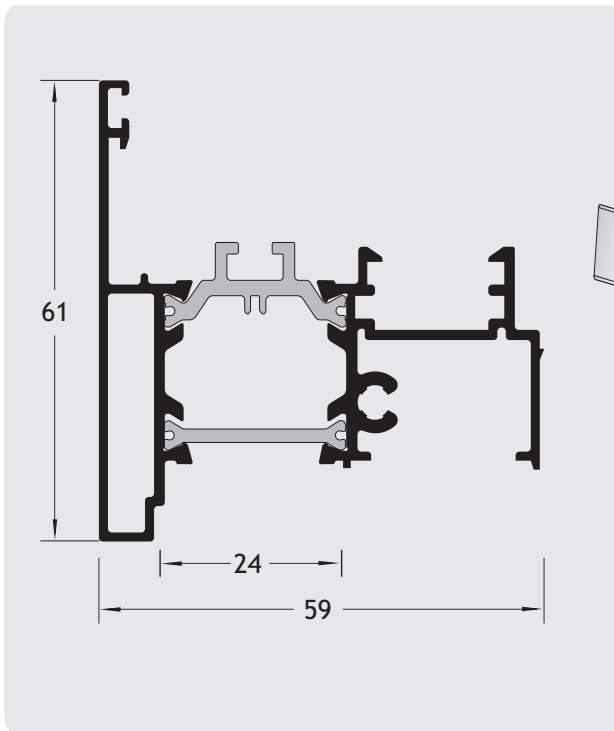
Iy=18,23

Периметър / Perimeter (mm) P=400

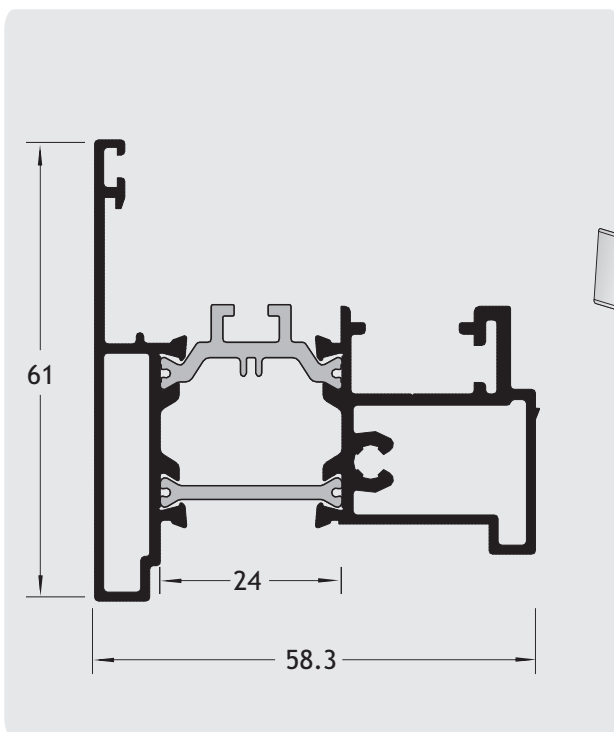
**Акcesoари / Accessories**

сглобка / corner

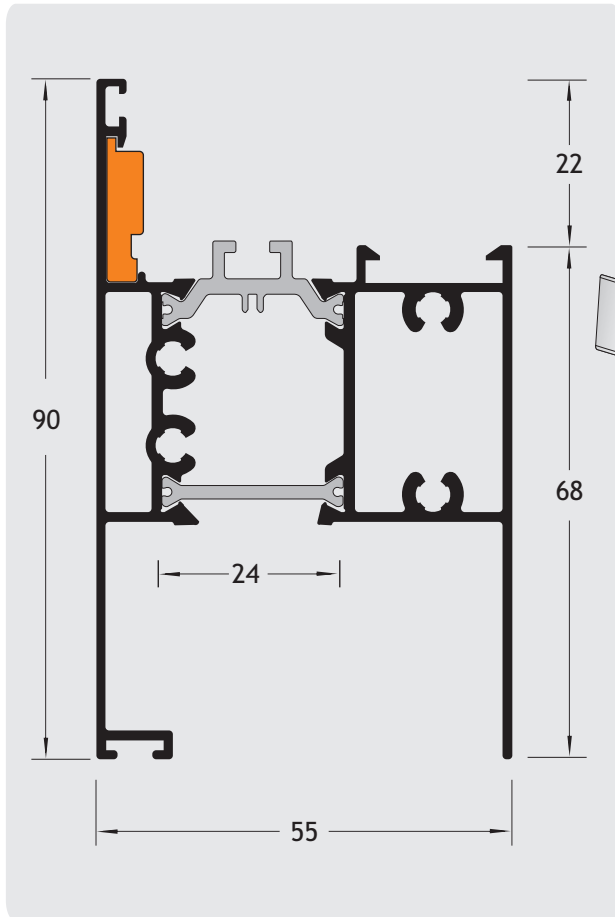
израв. ъгъл/сглобка  
alignment corner



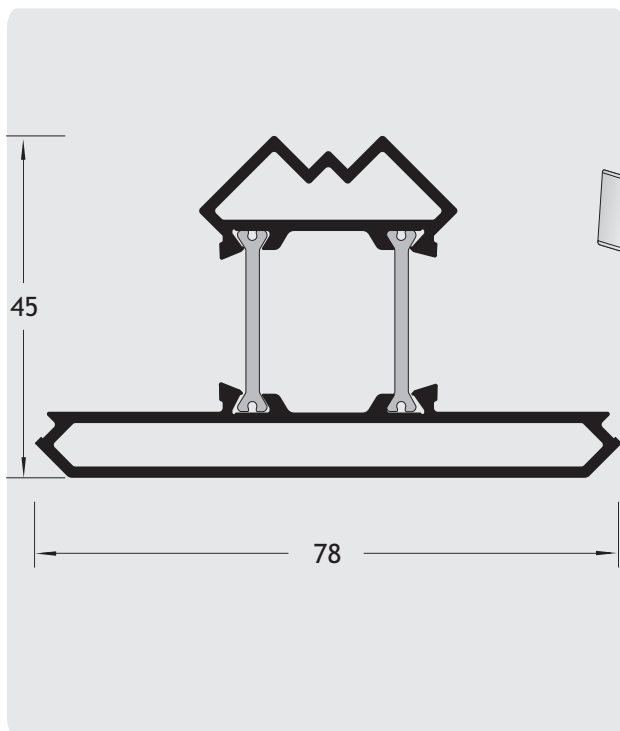
<b>ЛЕТЯЩ КЕМПФЕР ADJOINING PROFILE</b>	<b>5506</b>
ТЕГЛО / WEIGHT (gr/m)	W=1120
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =7,29
	J <sub>y</sub> =15,13
Периметър / Perimeter (mm)	P=401
<b>Акcesoари / Accessories</b>	
сглобка / corner	<input type="text"/>
израв. ъгъл/сглобка alignment corner	<input type="text"/>



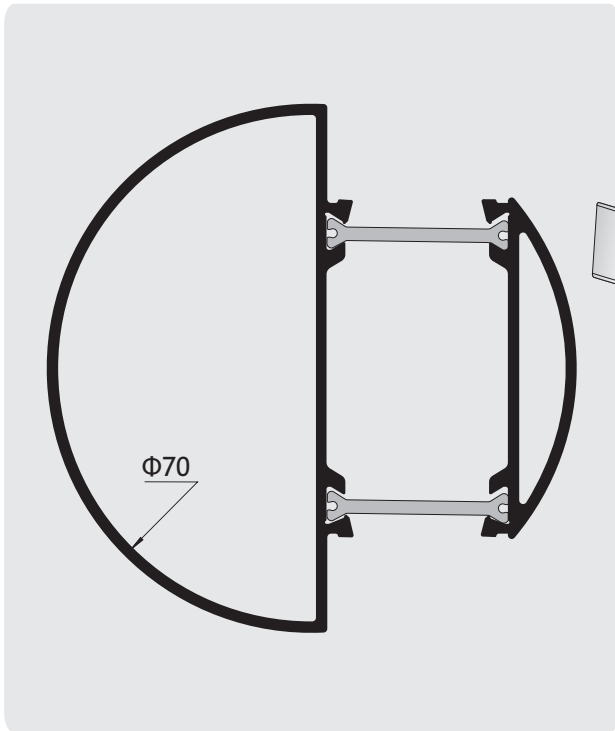
<b>ЛЕТЯЩ КЕМПФЕР С ЕВРО КАНАЛ ADJOINING PROFILE</b>	<b>5516</b>
ТЕГЛО / WEIGHT (gr/m)	W=1247
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =8,13
	J <sub>y</sub> =18,46
Периметър / Perimeter (mm)	P=481
<b>Акcesoари / Accessories</b>	
сглобка / corner	<input type="text"/>
израв. ъгъл/сглобка alignment corner	<input type="text"/>



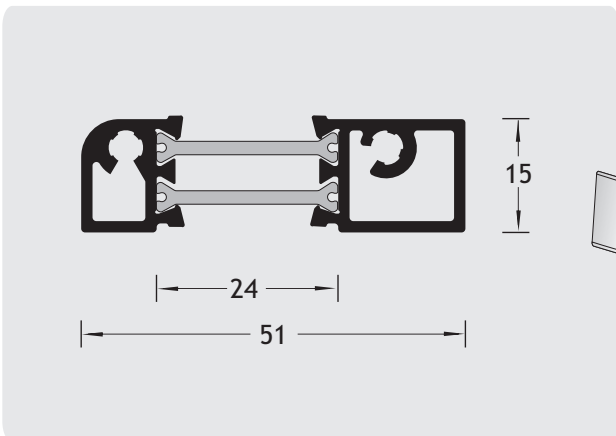
ПОДОВ ПРОФИЛ KICK-PLATE	5515
ТЕГЛО / WEIGHT (gr/m)	W=1579
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =24,58
	J <sub>y</sub> =23,89
Периметър / Perimeter (mm)	P=460
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	Fuji2000



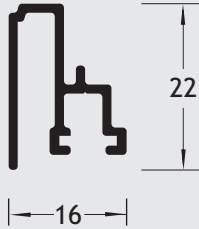
ЪГЛОВА КОЛОНА 90 ГРАДУСА ADJOINING PROFILE	5510
ТЕГЛО / WEIGHT (gr/m)	W=1231
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =10,83
	J <sub>y</sub> =15,37
Периметър / Perimeter (mm)	P=258
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>ТРЪБА ADJOINING PROFILE</b>	<b>5511</b>
ТЕГЛО / WEIGHT (gr/m)	W=1336
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =21,21
	J <sub>y</sub> =24,10
Периметър / Perimeter (mm)	P=253
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>ПРАГ THRESHOLD</b>	<b>5507</b>
ТЕГЛО / WEIGHT (gr/m)	W=737
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,69
	J <sub>y</sub> =7,98
Периметър / Perimeter (mm)	P=142
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



**КАПАЧКА ЗА ПРАГ  
ADJOINING PROFILE**

**5508**

ТЕГЛО / WEIGHT (gr/m) W=226

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Ix=0,31

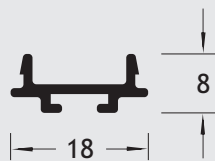
Jy=0,19

Периметър / Perimeter (mm) P=137

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**ГОЛЯМА КАПАЧКА  
SUPPLEMEN. PROFILE**

**5509**

ТЕГЛО / WEIGHT (gr/m) W=124

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Ix=0,01

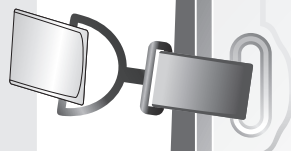
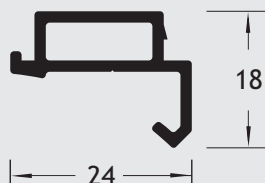
Jy=0,14

Периметър / Perimeter (mm) P=68

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**АДАПТЕР ЗА ТРЪБА  
ADJOINING PROFILE**

**5513**

ТЕГЛО / WEIGHT (gr/m) W=273

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Jy=0,57

Периметър / Perimeter (mm) P=92

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**АДАПТЕР ЗА ТРЪБА  
ADJOINING PROFILE**

**5512**

ТЕГЛО / WEIGHT (gr/m) W=155

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

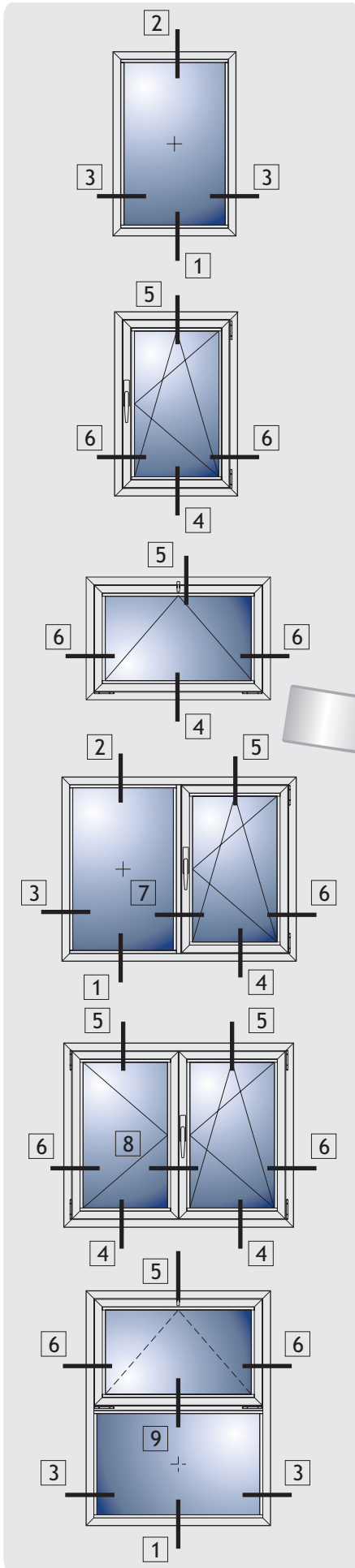
Jy=0,07

Периметър / Perimeter (mm) P=58

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner

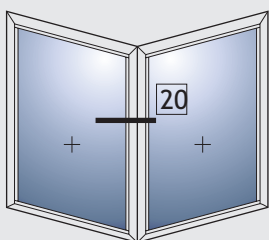
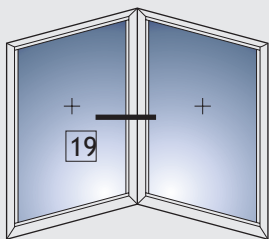
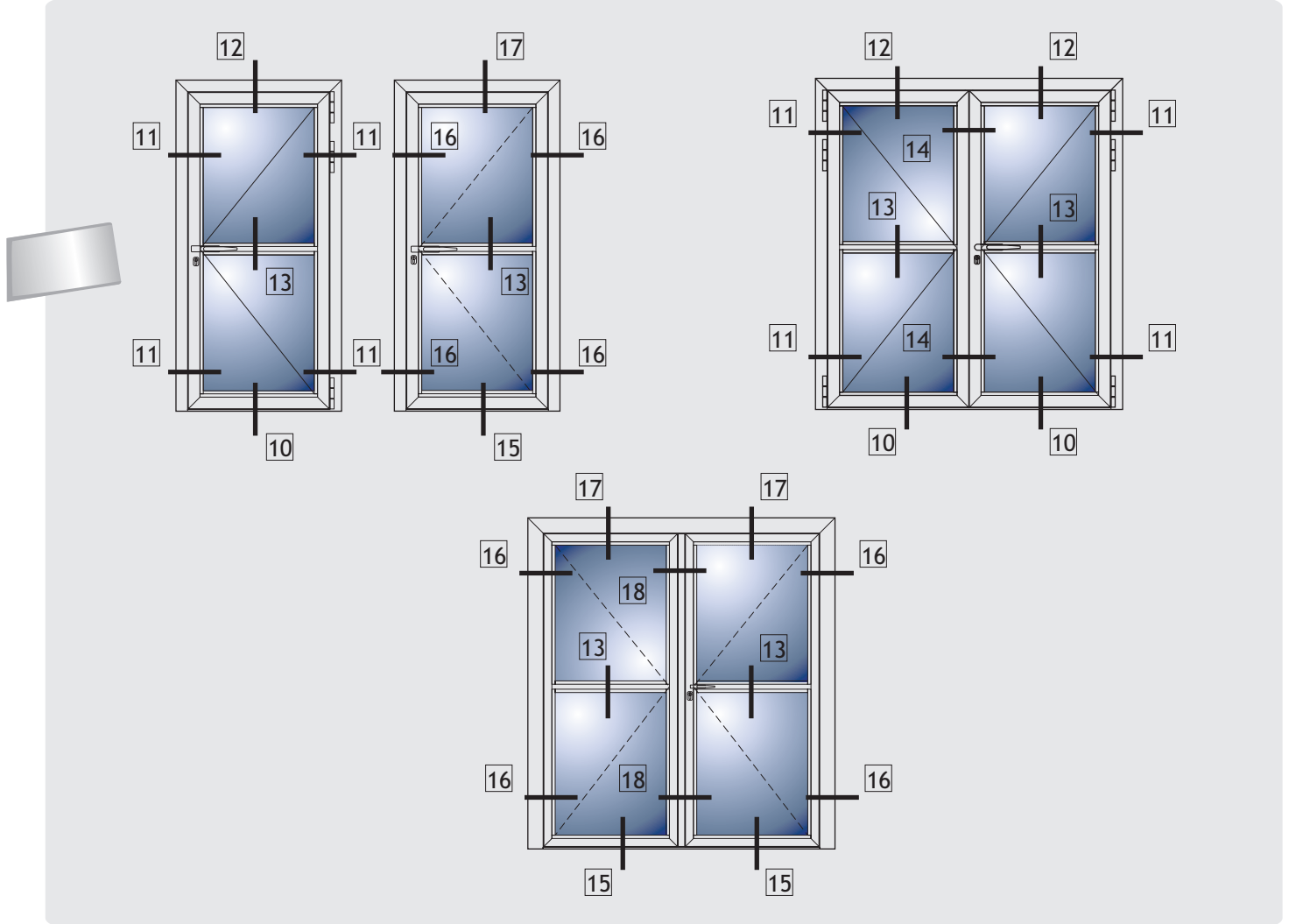


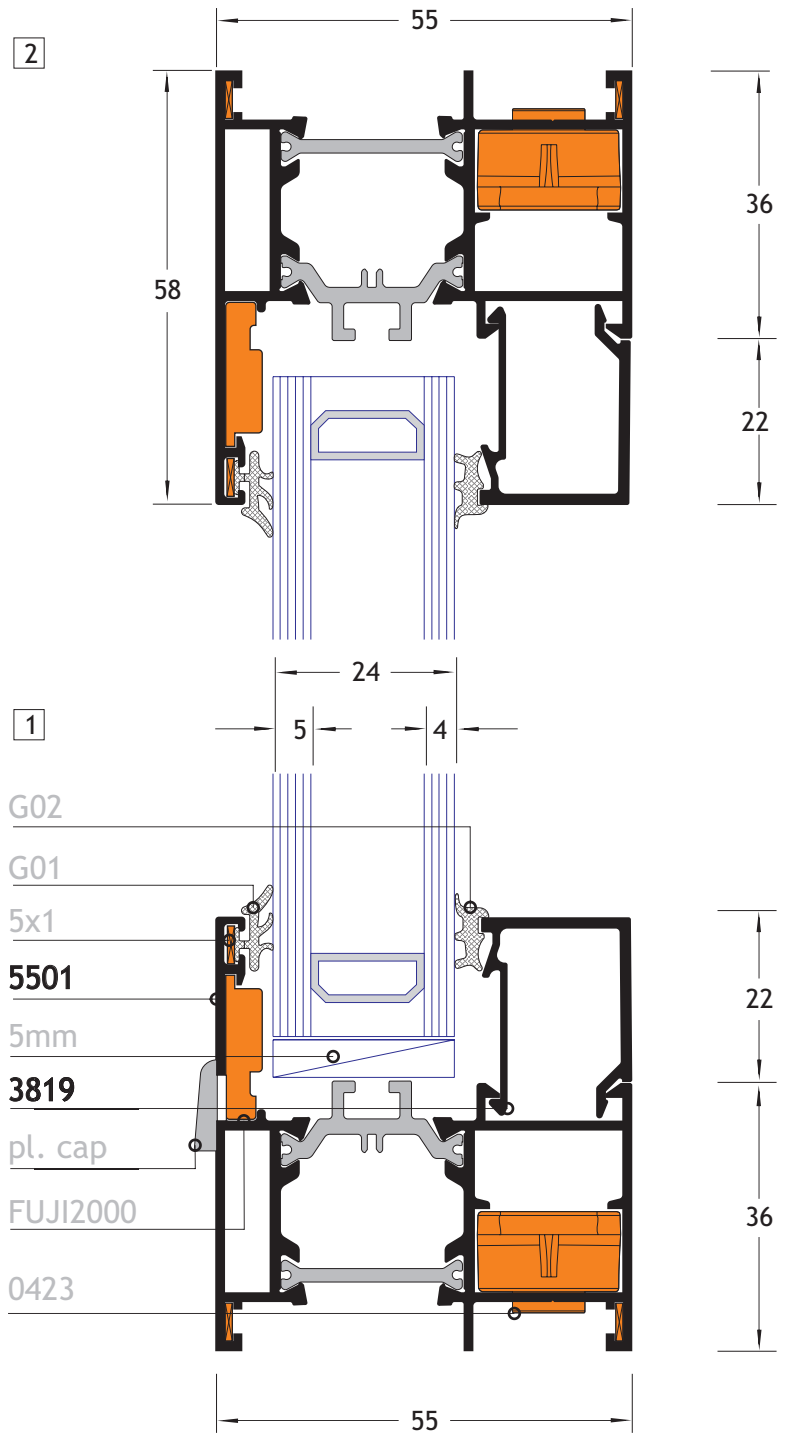
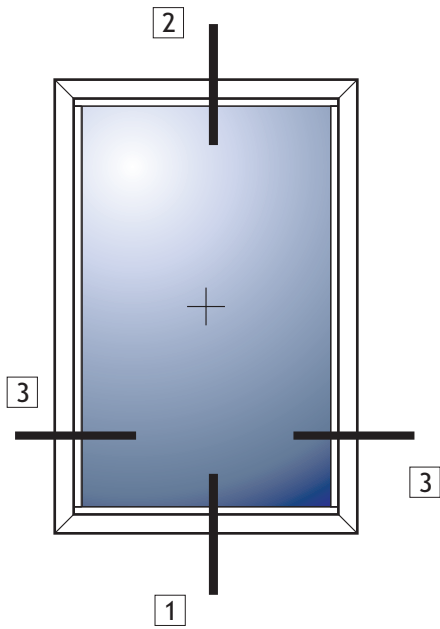
РЕШЕНИЯ ЗА ВРАТИ

DOOR SOLUTIONS

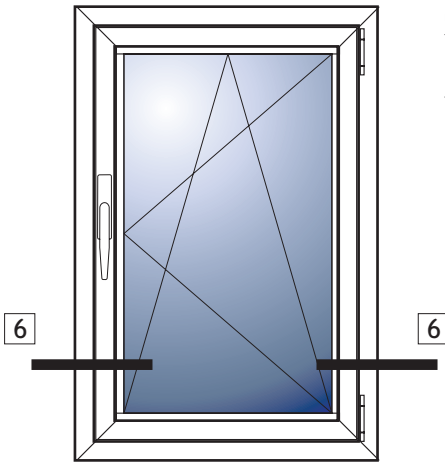
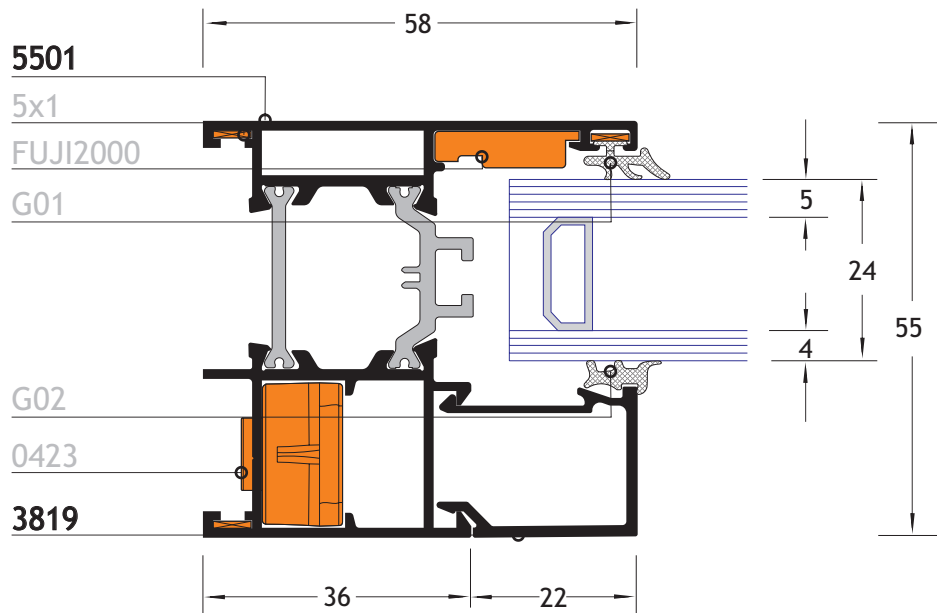
РЕШЕНИЯ ЗА ПРОЗОРЦИ

WINDOW SOLUTIONS

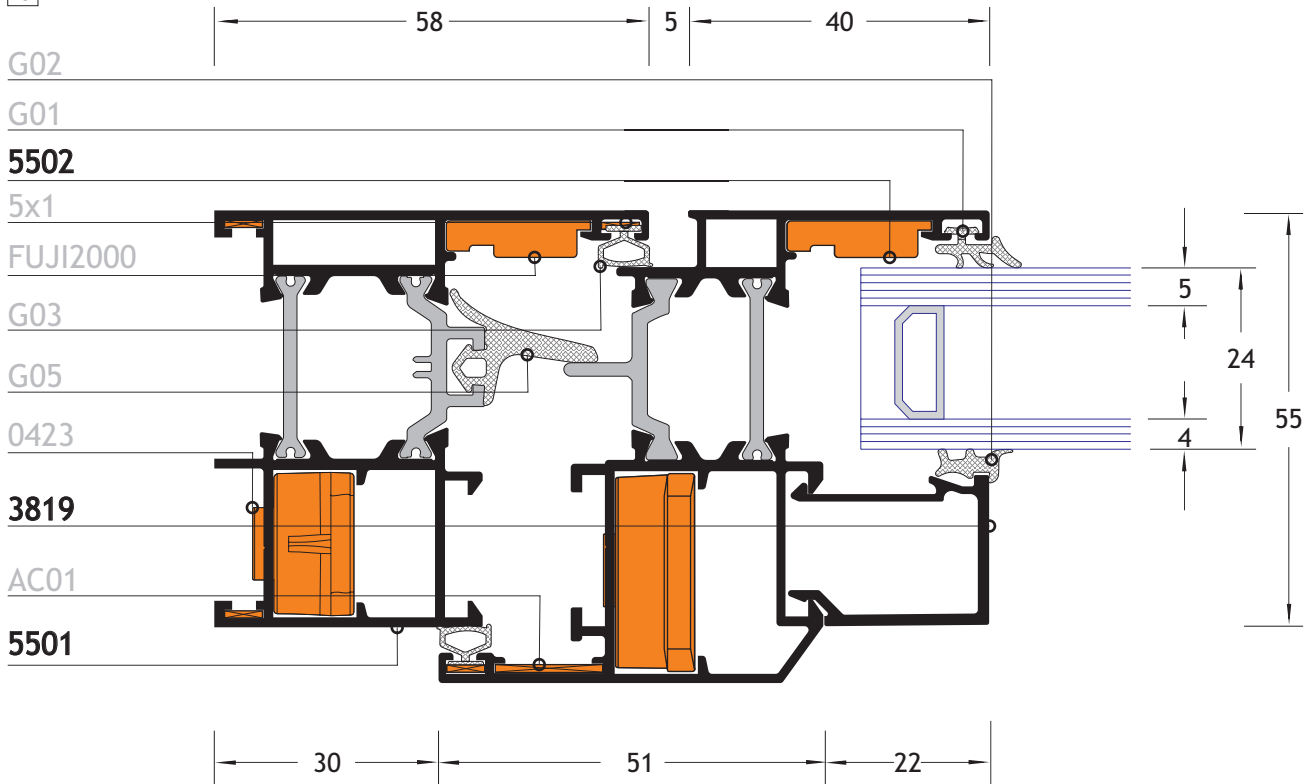




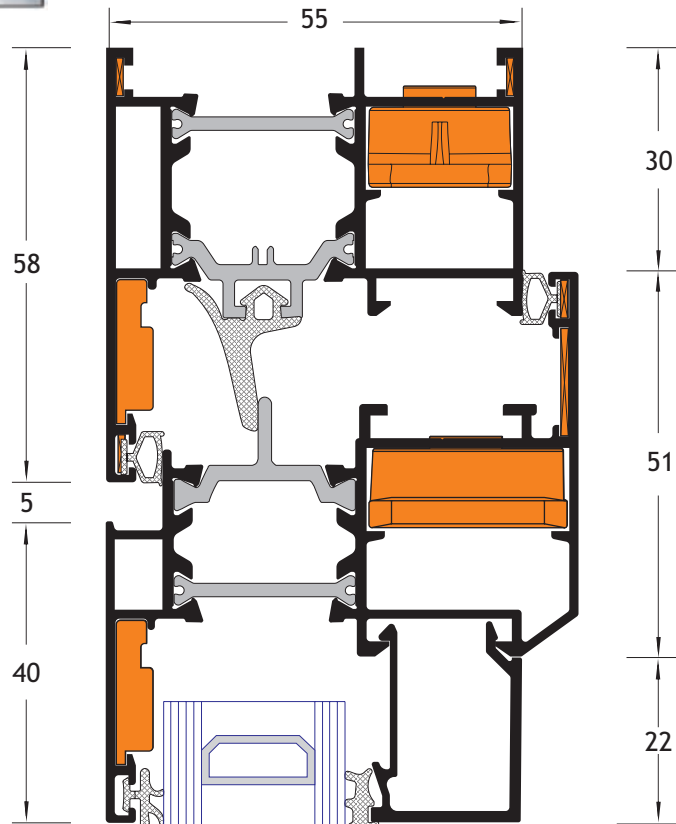
3



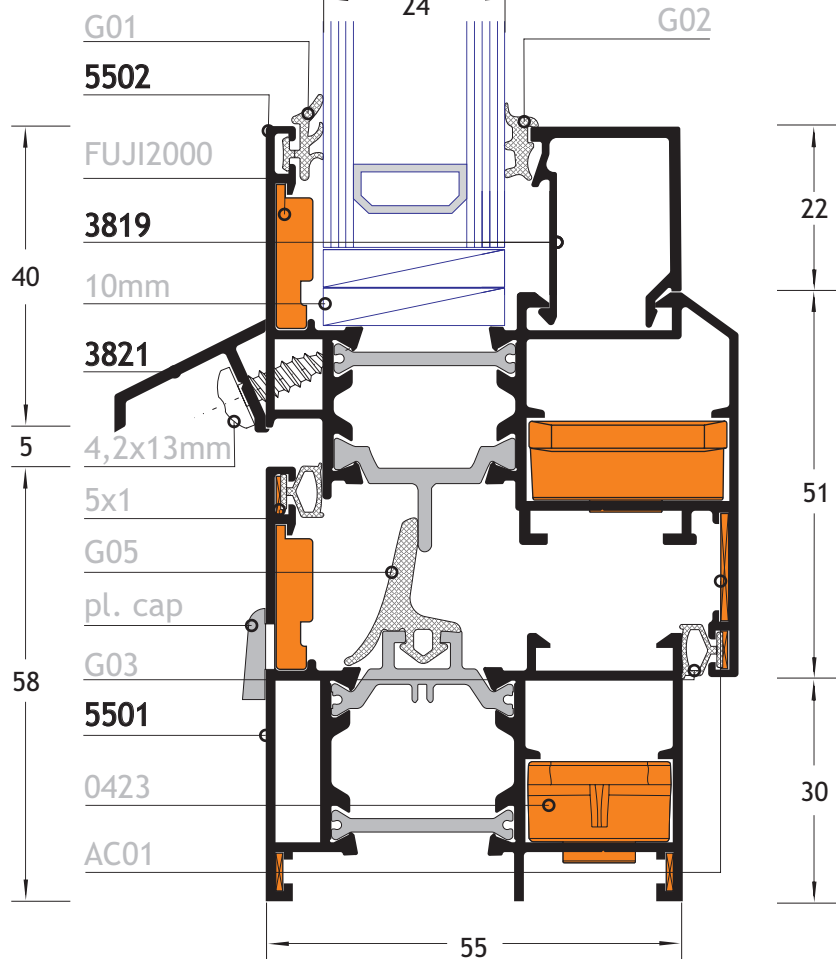
6



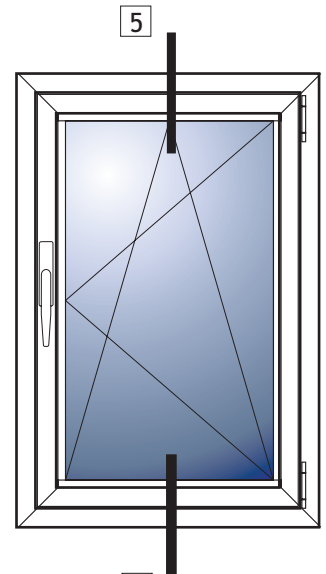
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4



5

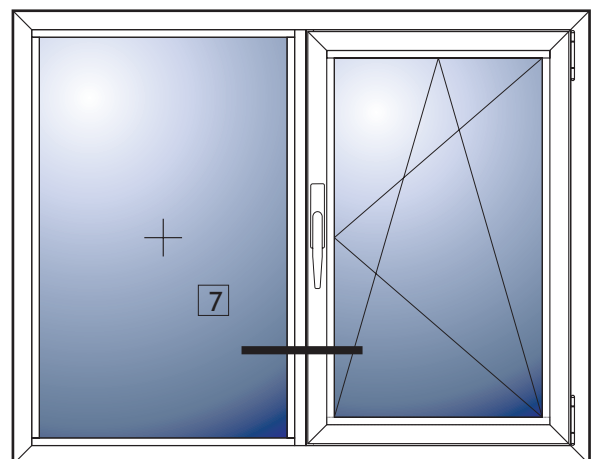
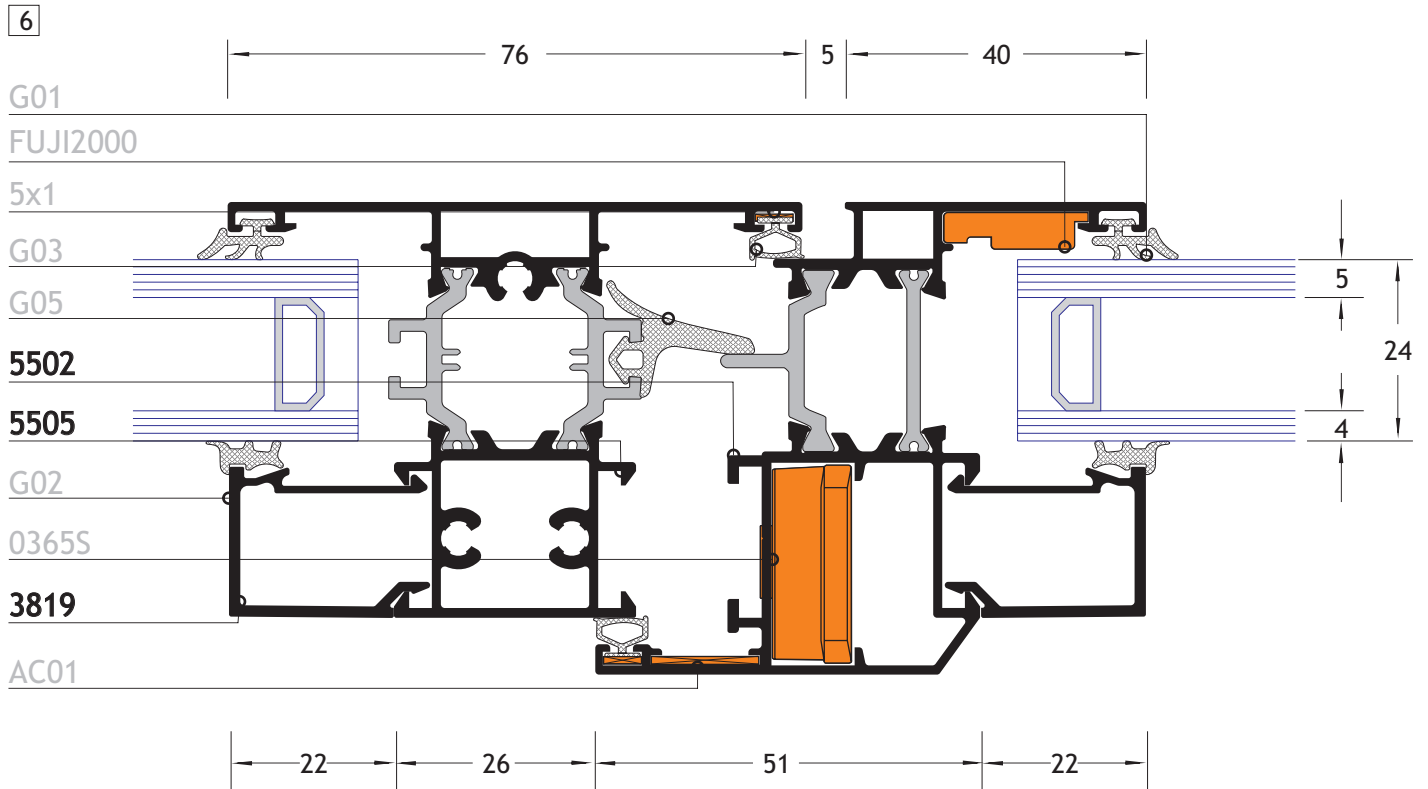


4

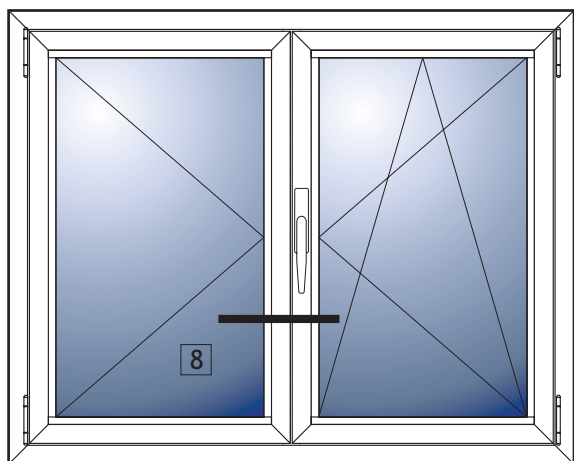
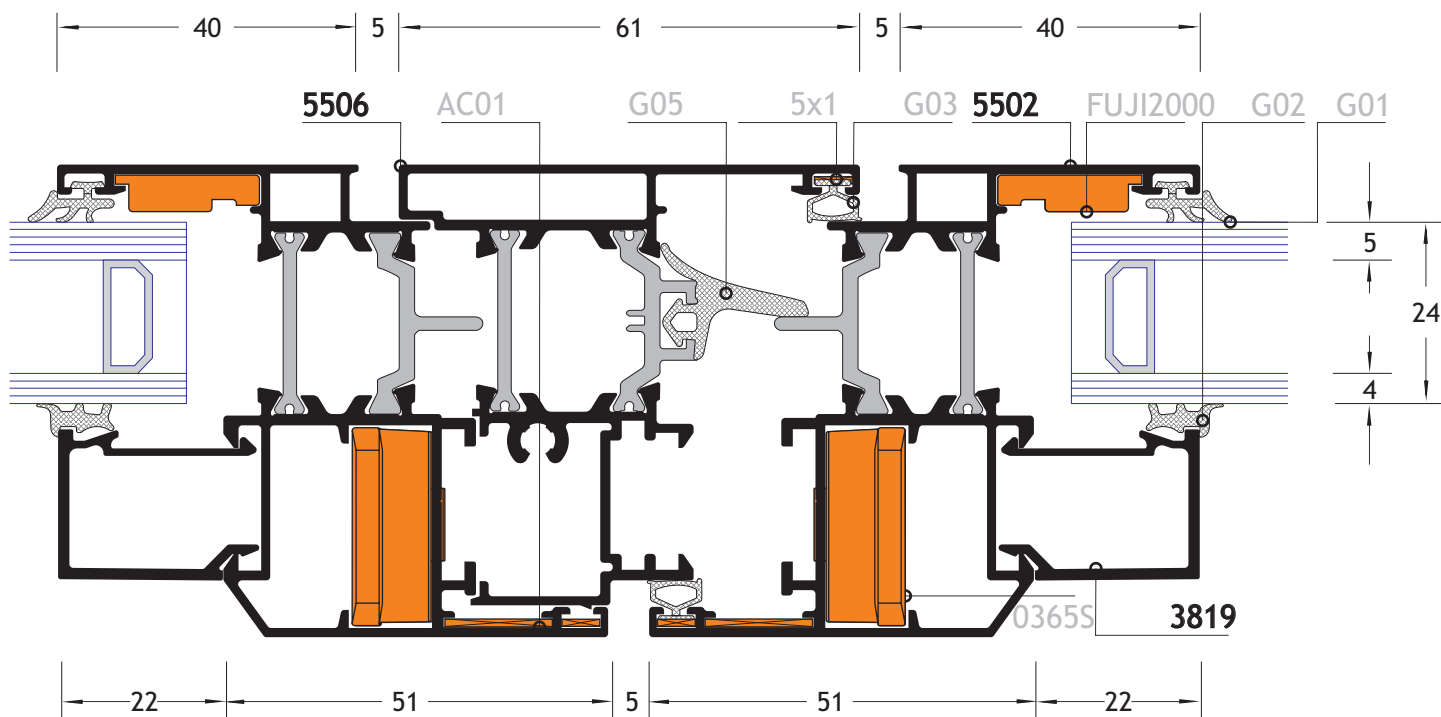
55 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

THERMO-BREAK  
OPENING SYSTEM TBO 55



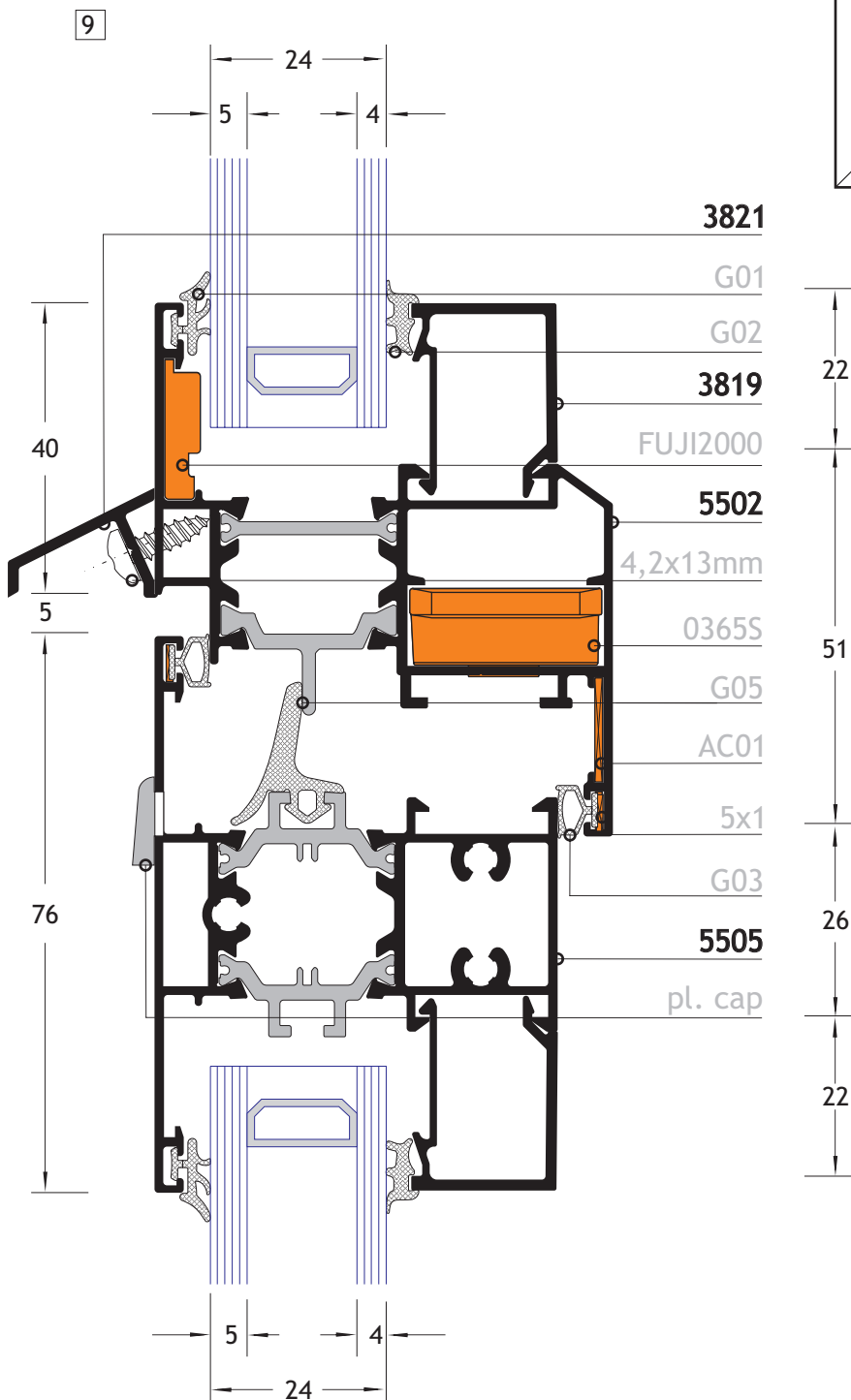
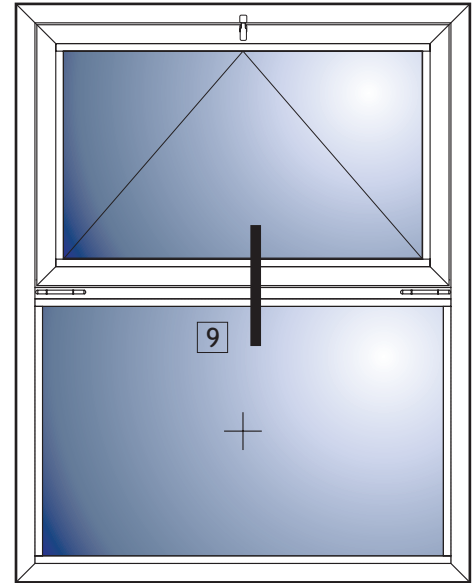
8

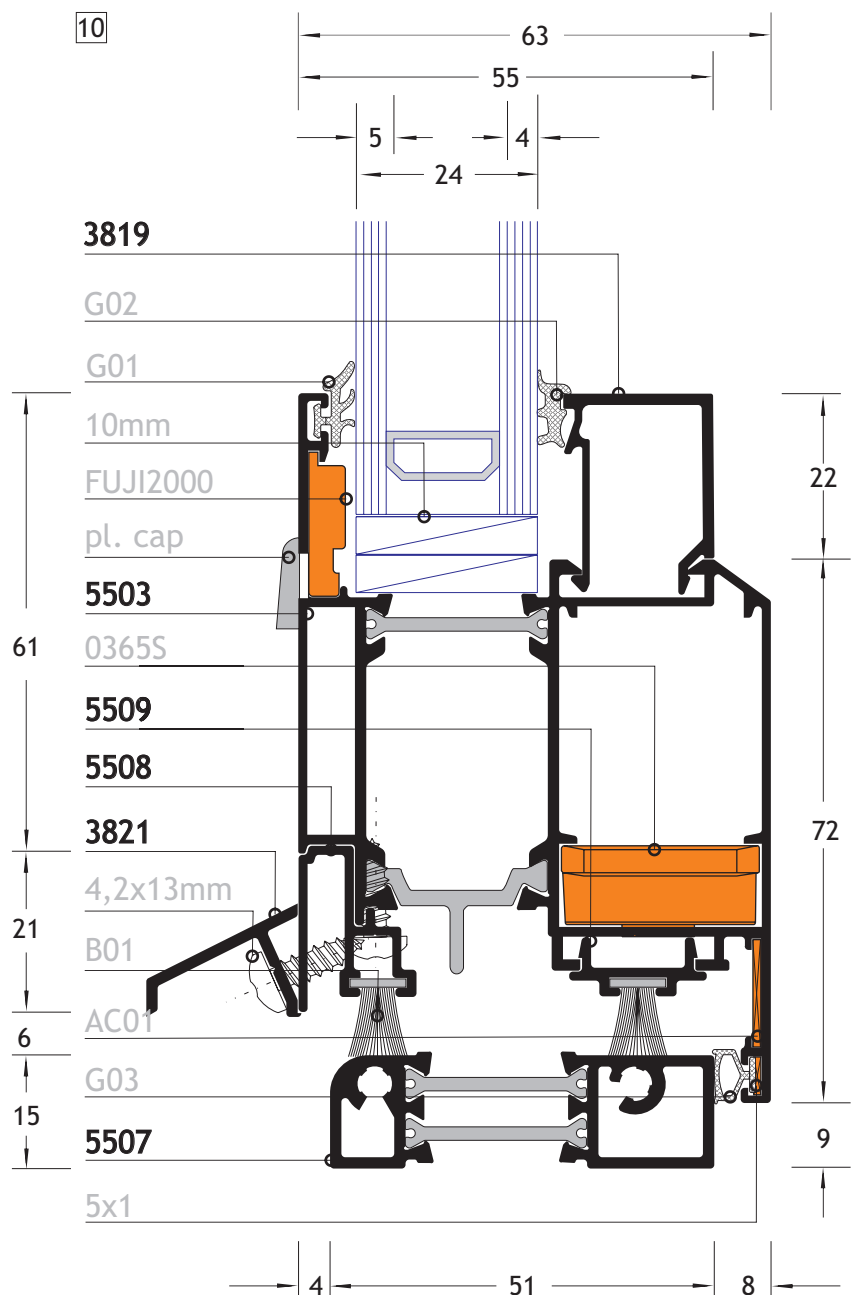
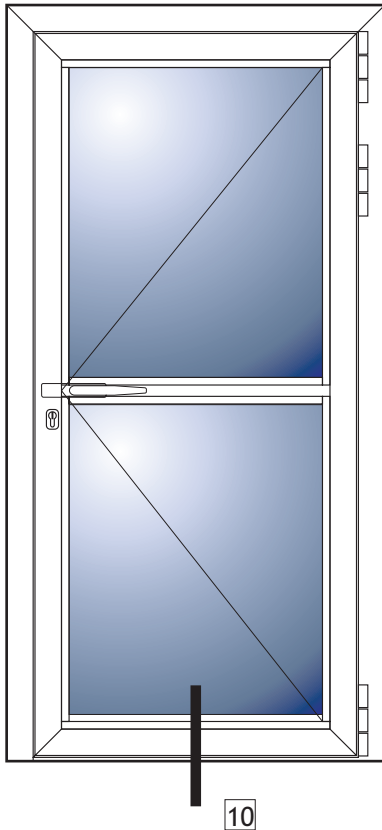


55 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

THERMO-BREAK  
OPENING SYSTEM TBO 55

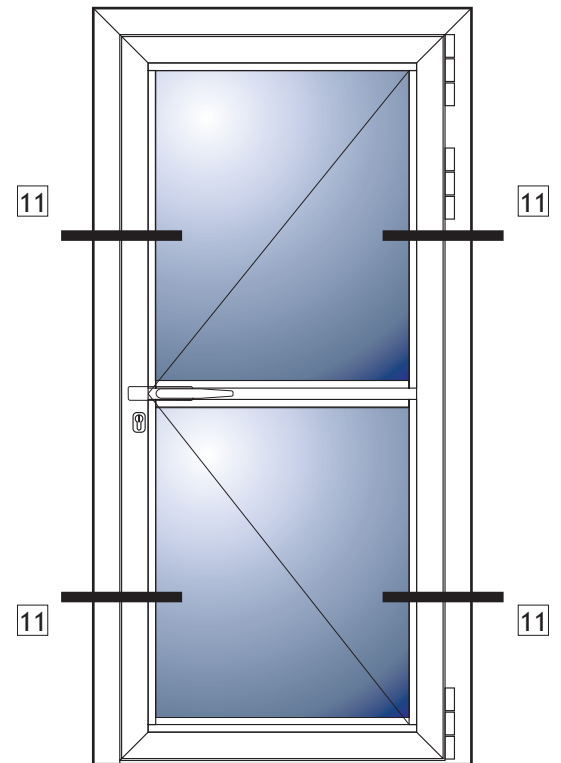




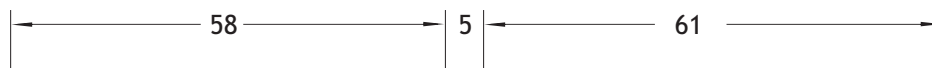
55 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

THERMO-BREAK  
OPENING SYSTEM TBO 55



11



G01

5503

FUJI2000

5x1

G03

G05

5501

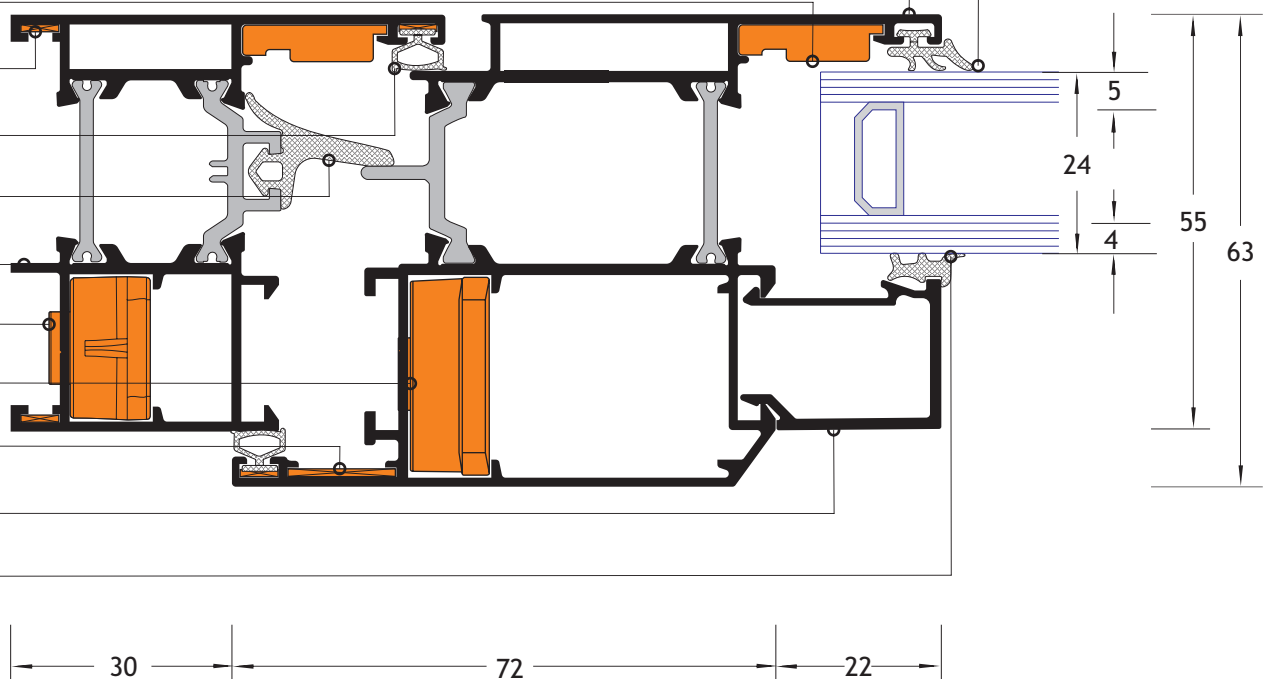
0423

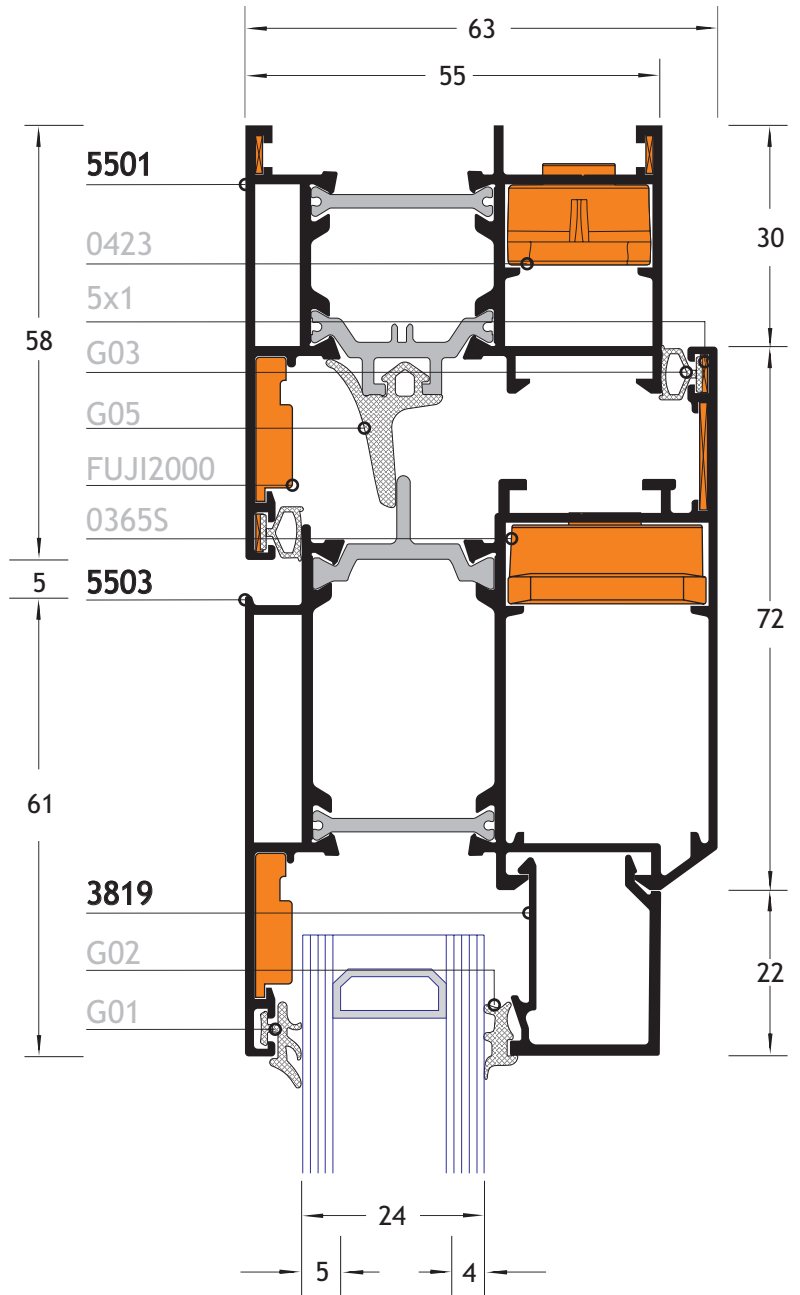
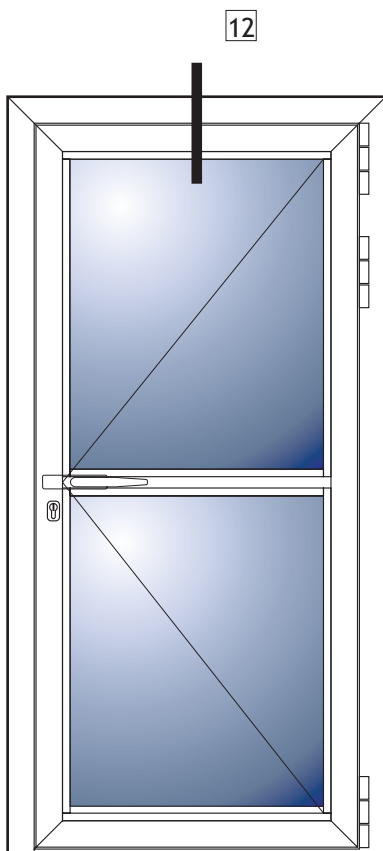
0365S

AC01

3819

G02

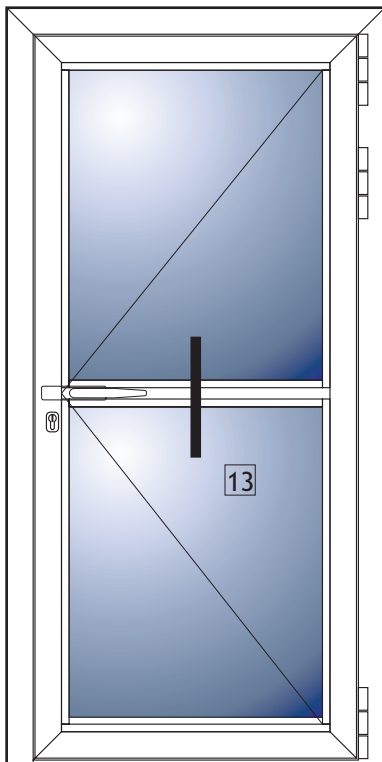
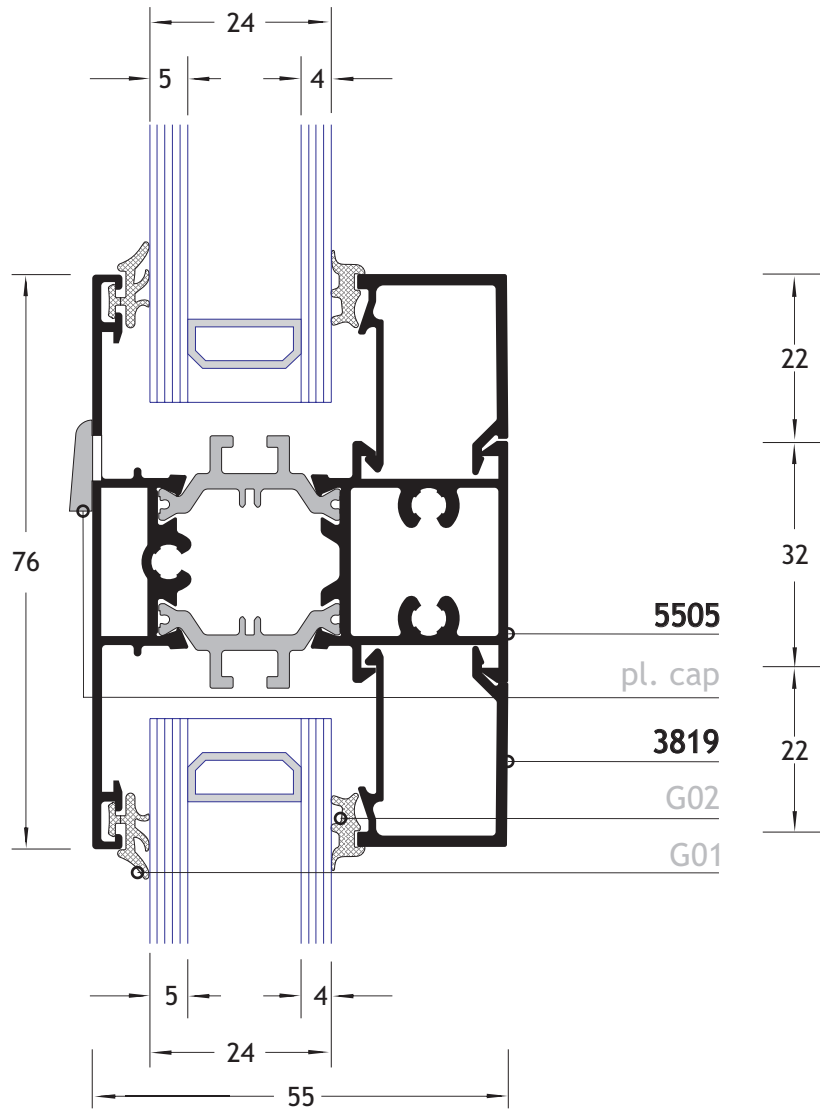


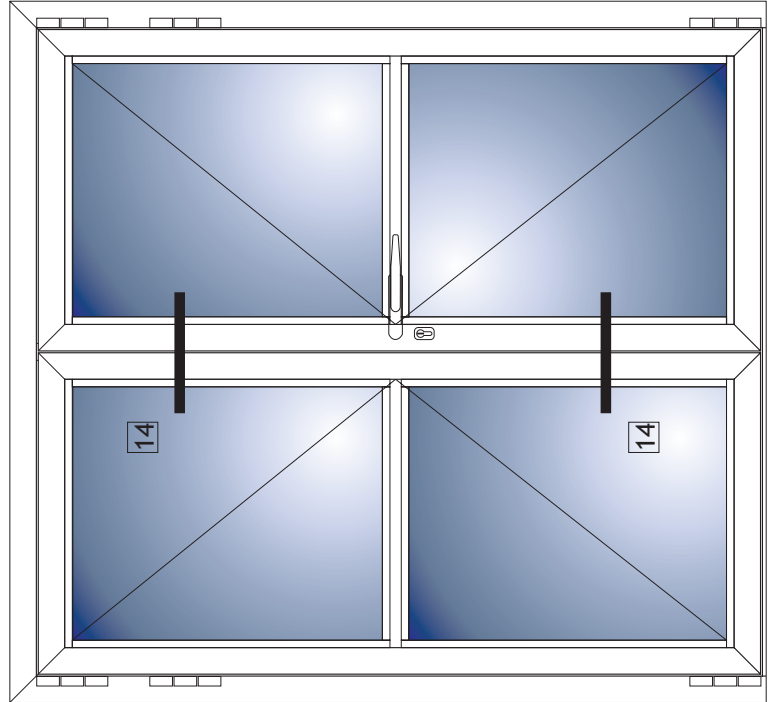
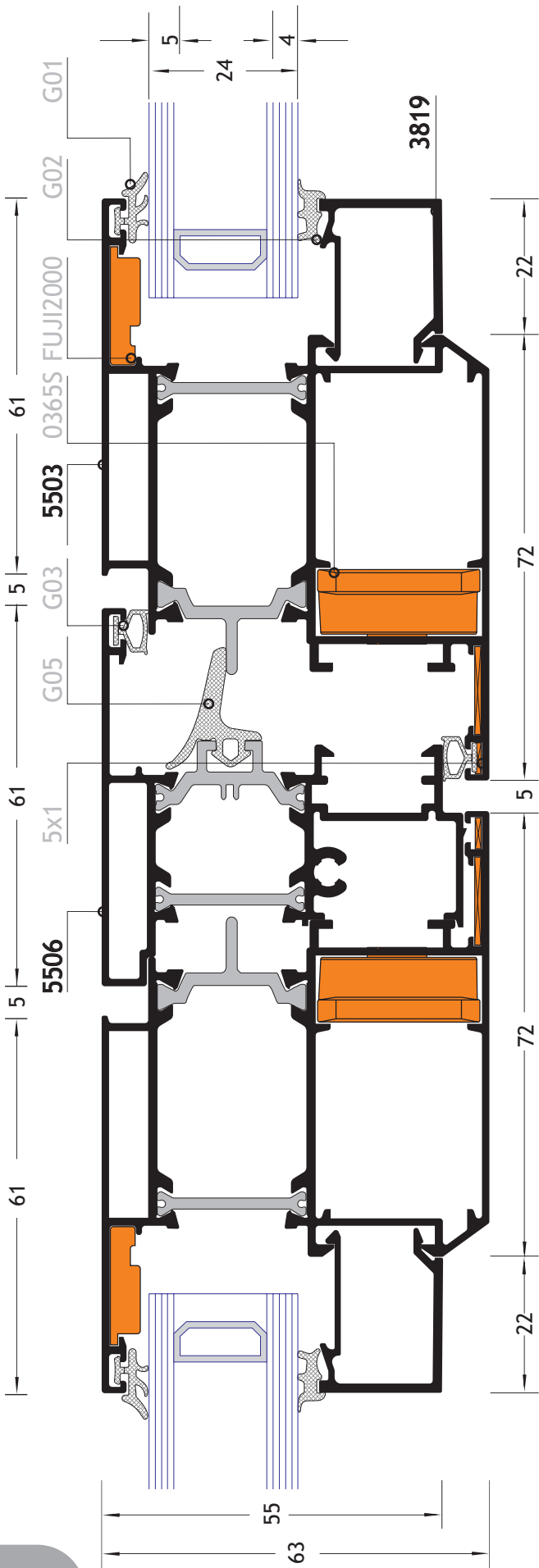


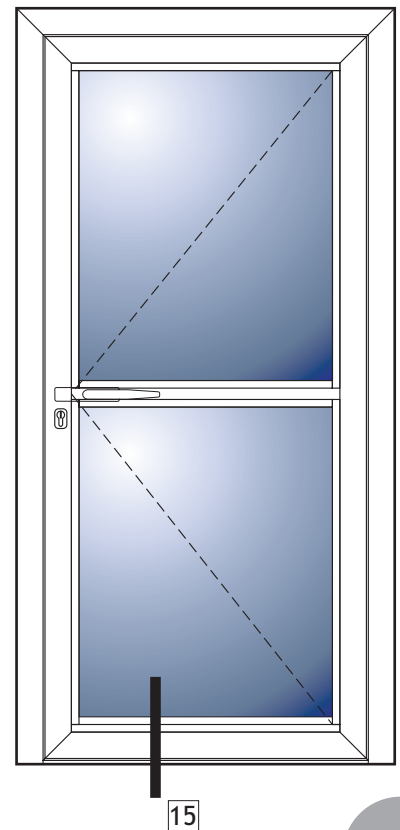
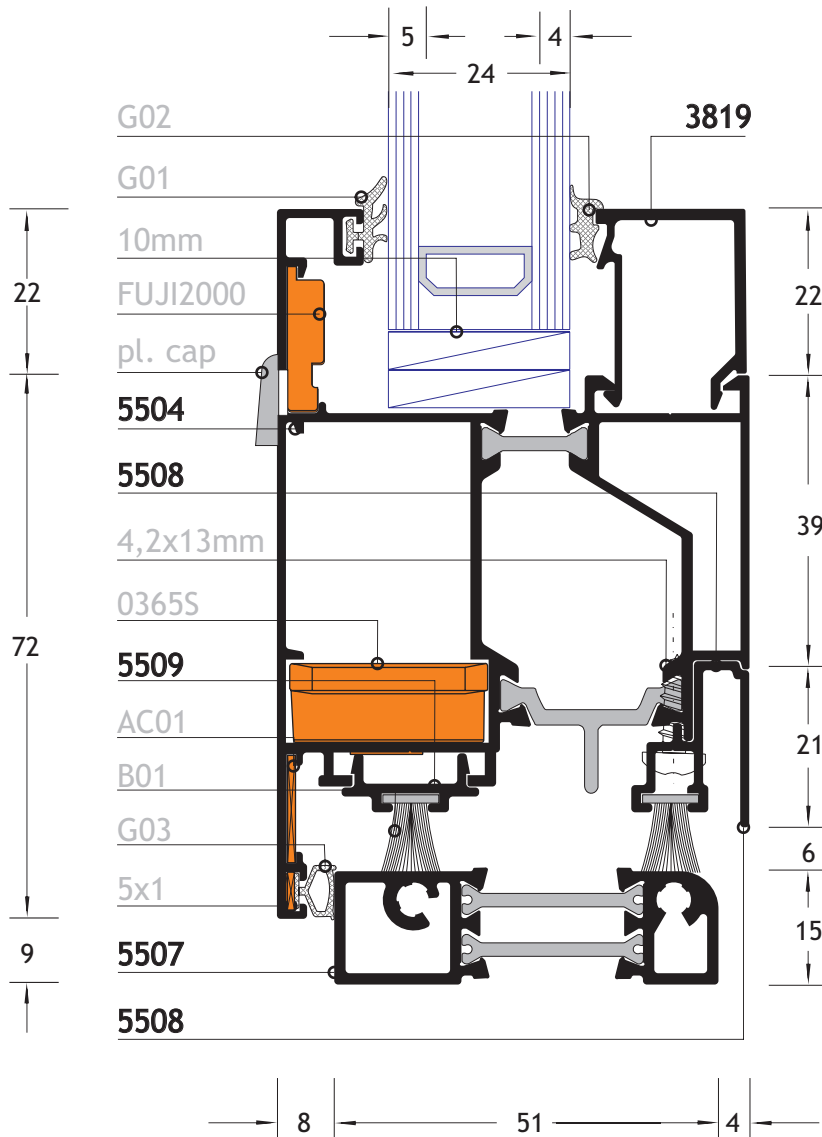
55 mm  
THERMO

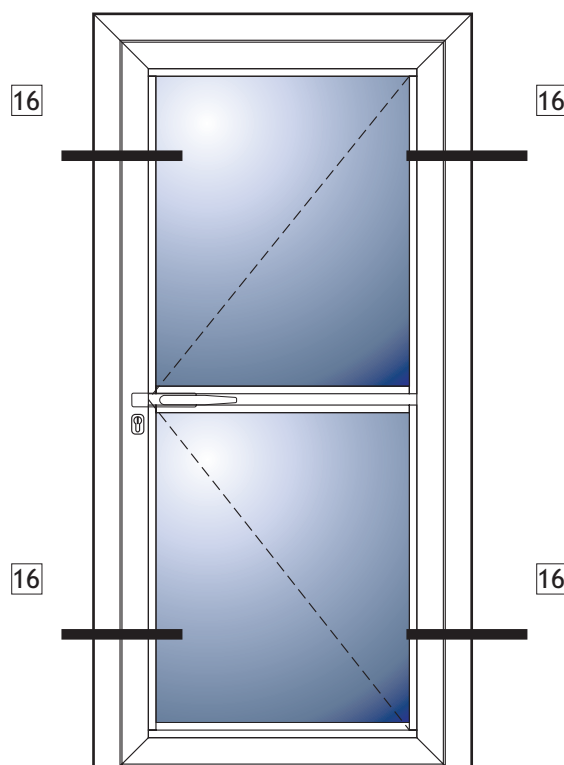
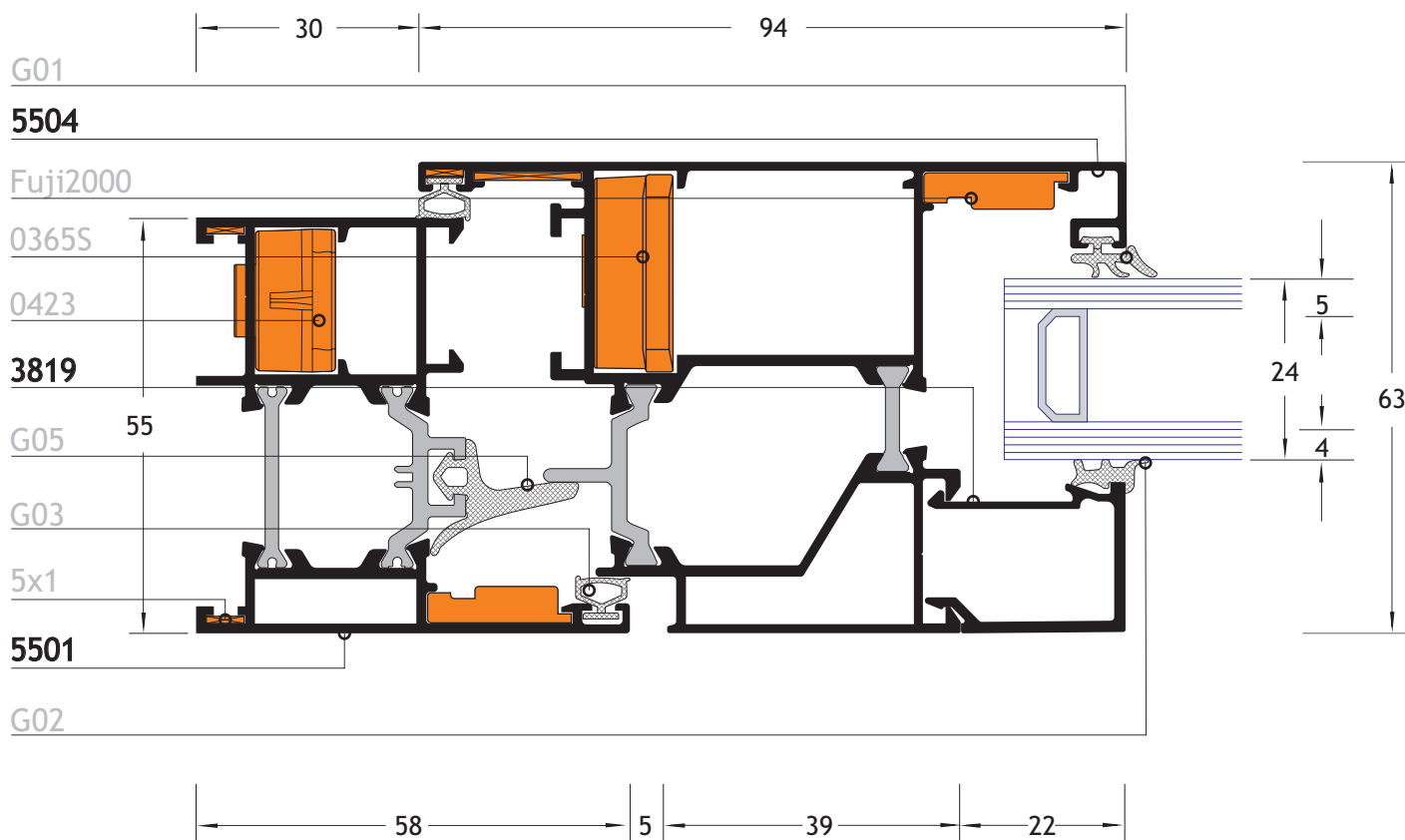
ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

THERMO-BREAK  
OPENING SYSTEM TBO 55





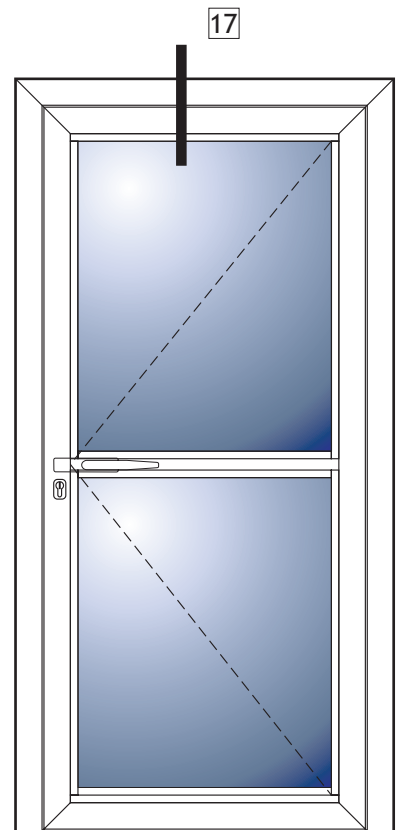
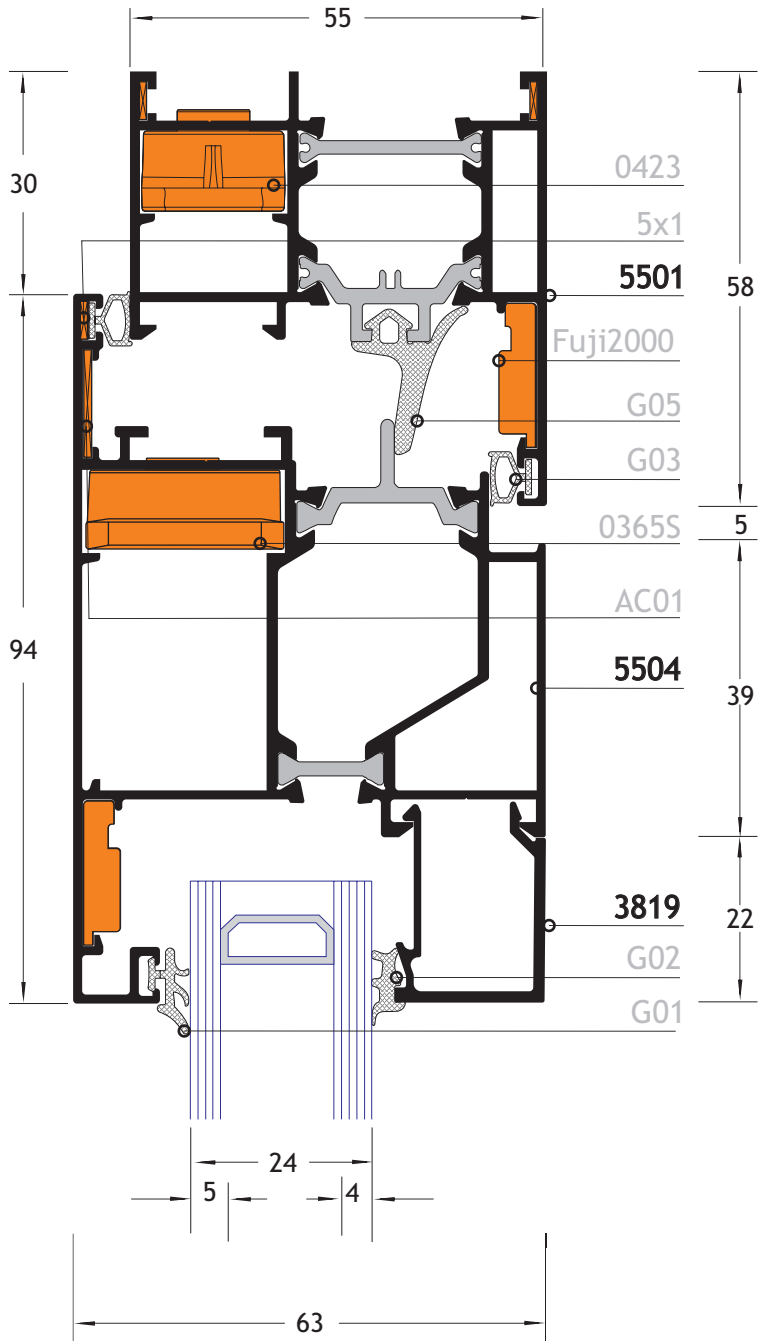


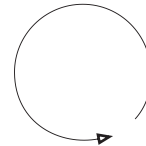
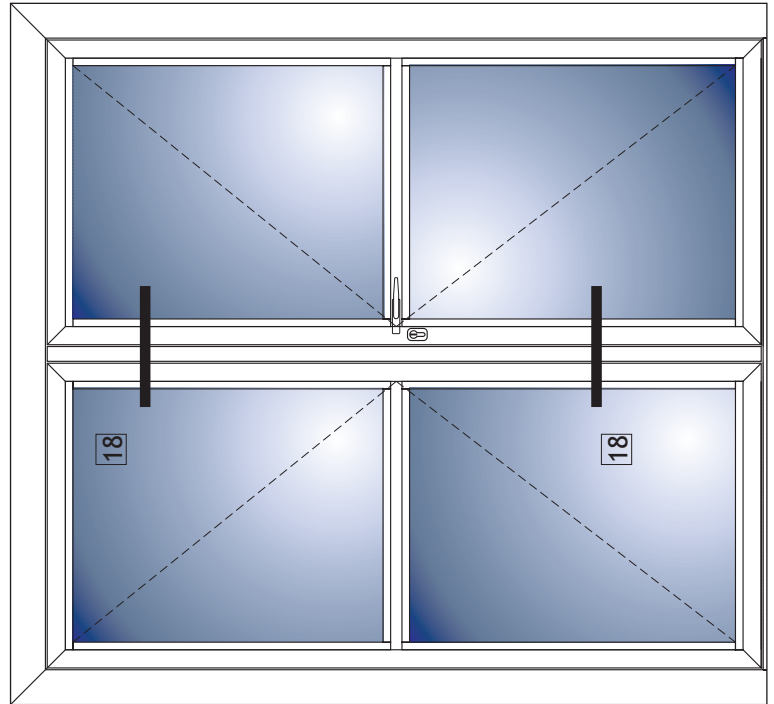
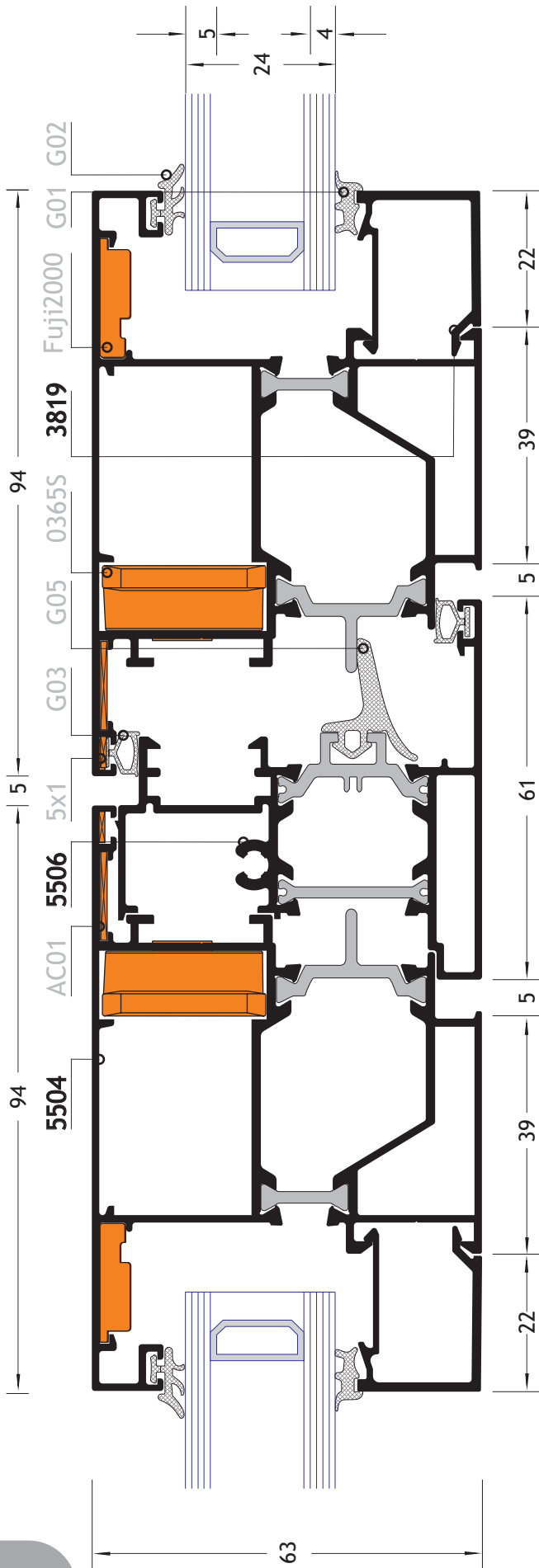


55 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

THERMO-BREAK  
OPENING SYSTEM TBO 55

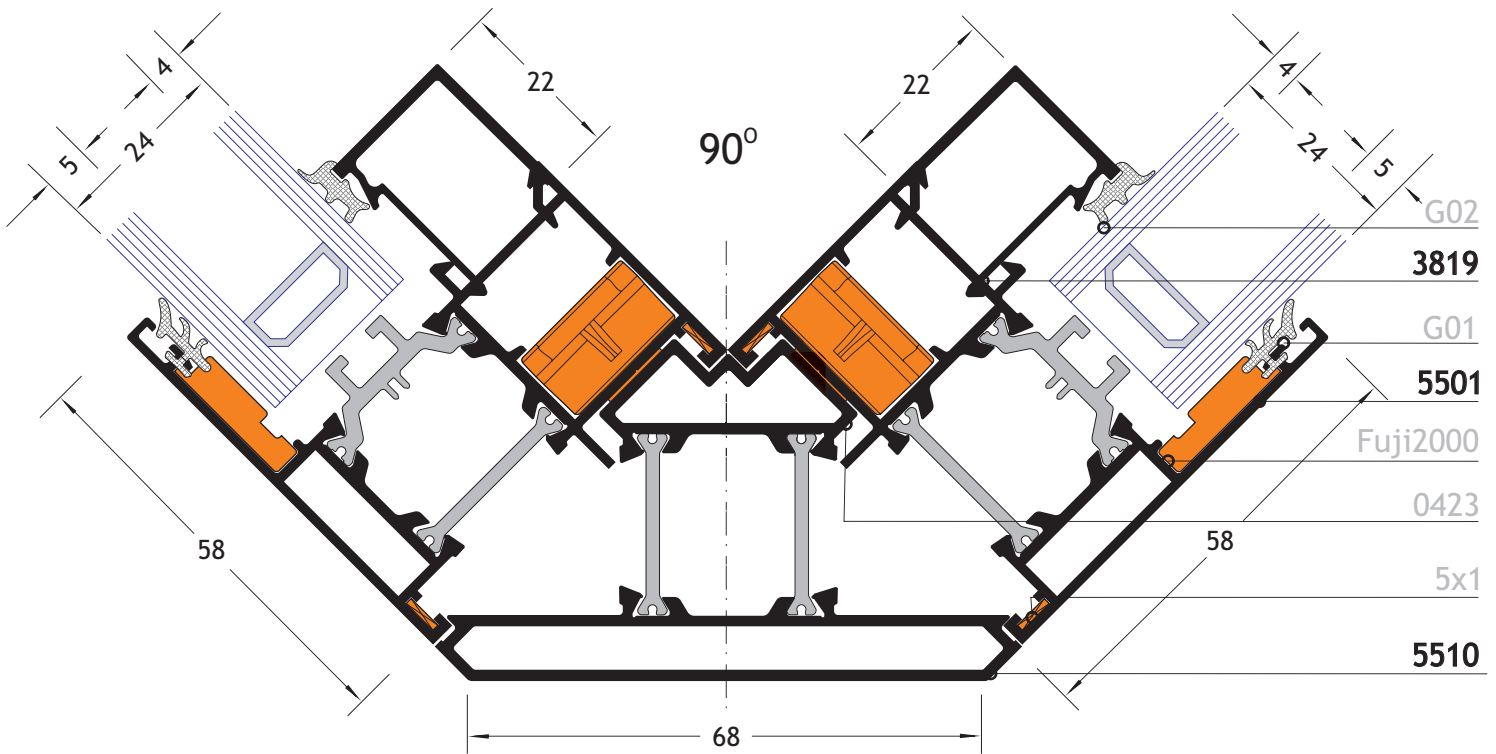
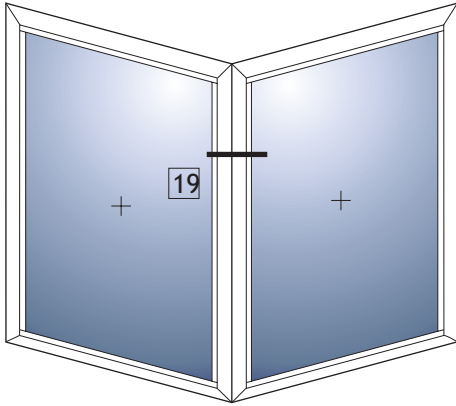




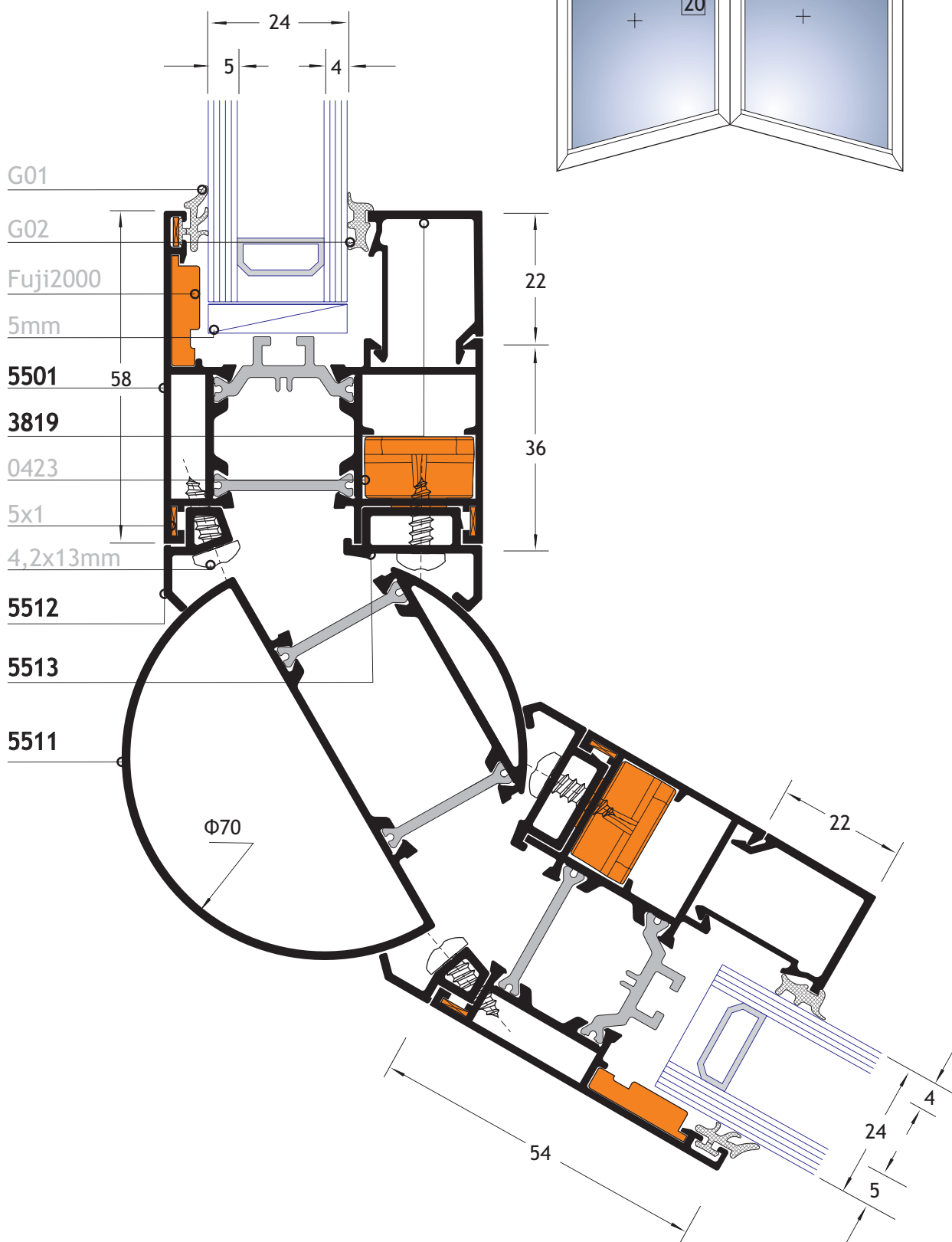
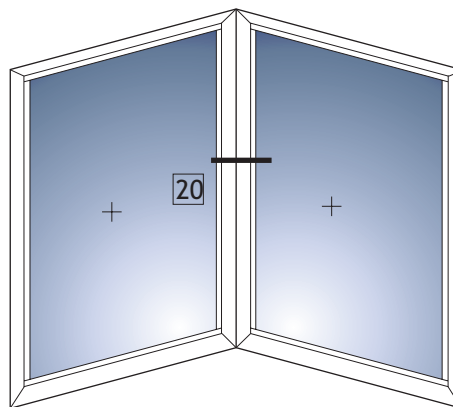
55 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

THERMO-BREAK  
OPENING SYSTEM TBO 55



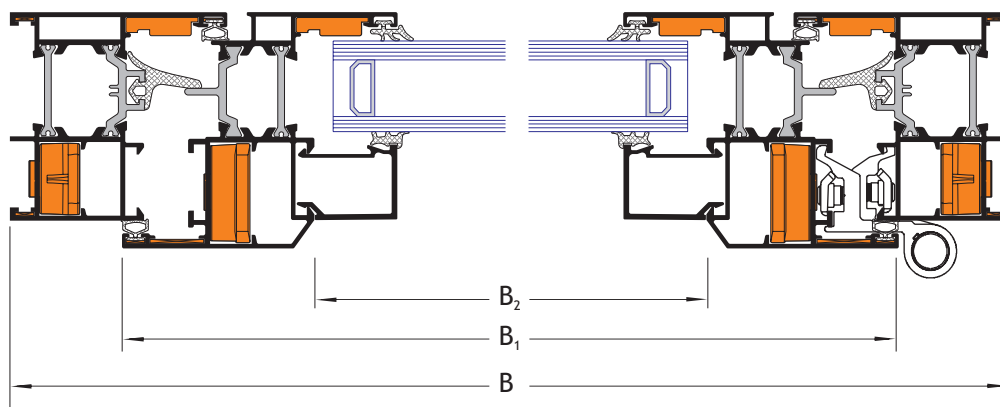
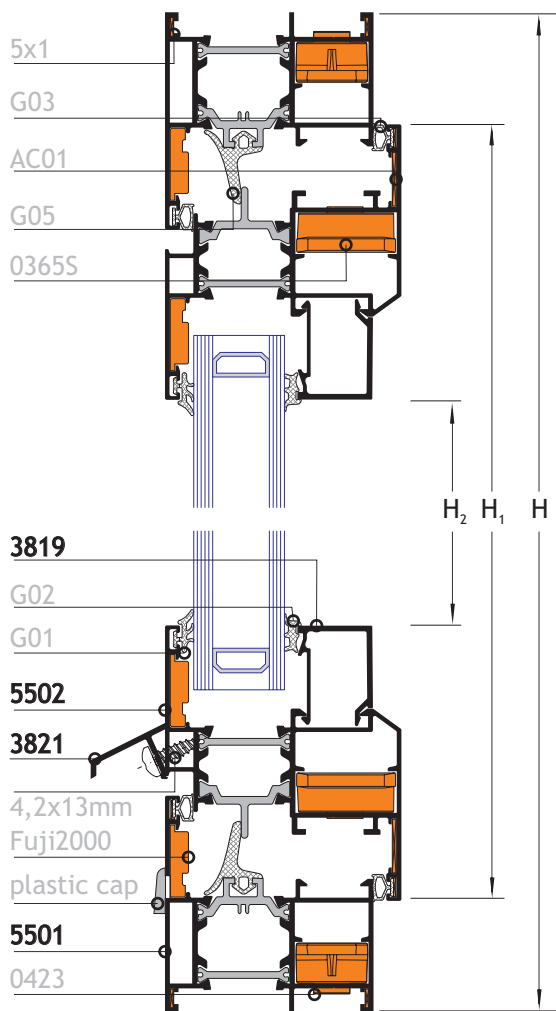
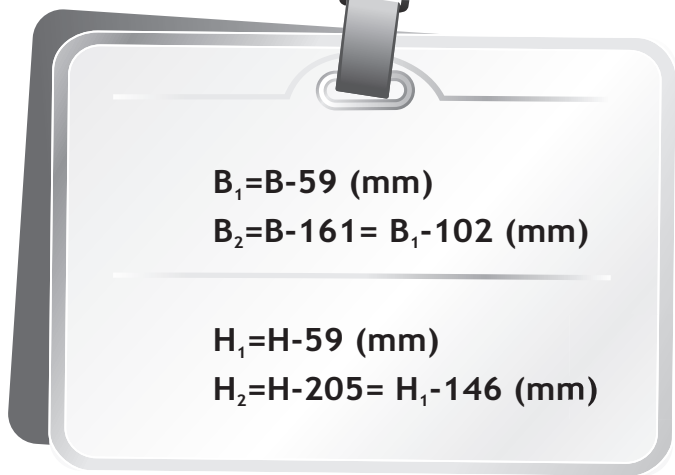
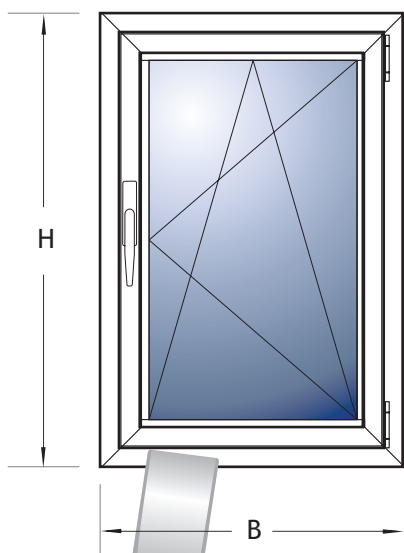
90°-165° & 195°-270°



55 mm | ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ | THERMO-BREAK  
THERMO | ТЕРМИЧЕН МОСТ ТВО 55 | OPENING SYSTEM TBO 55

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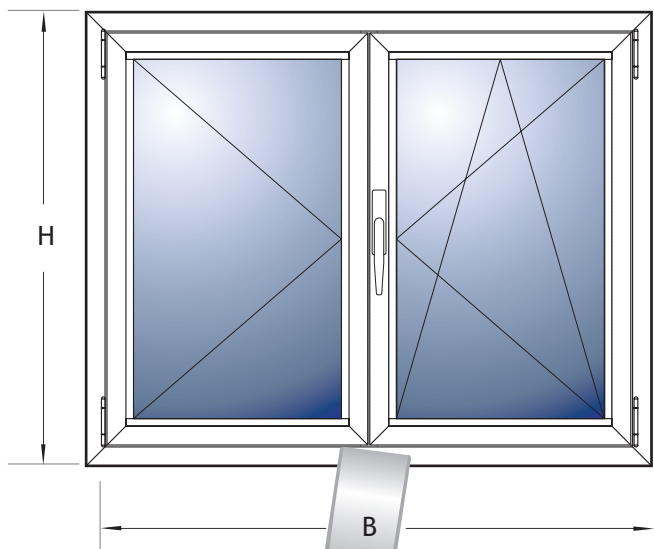




55 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

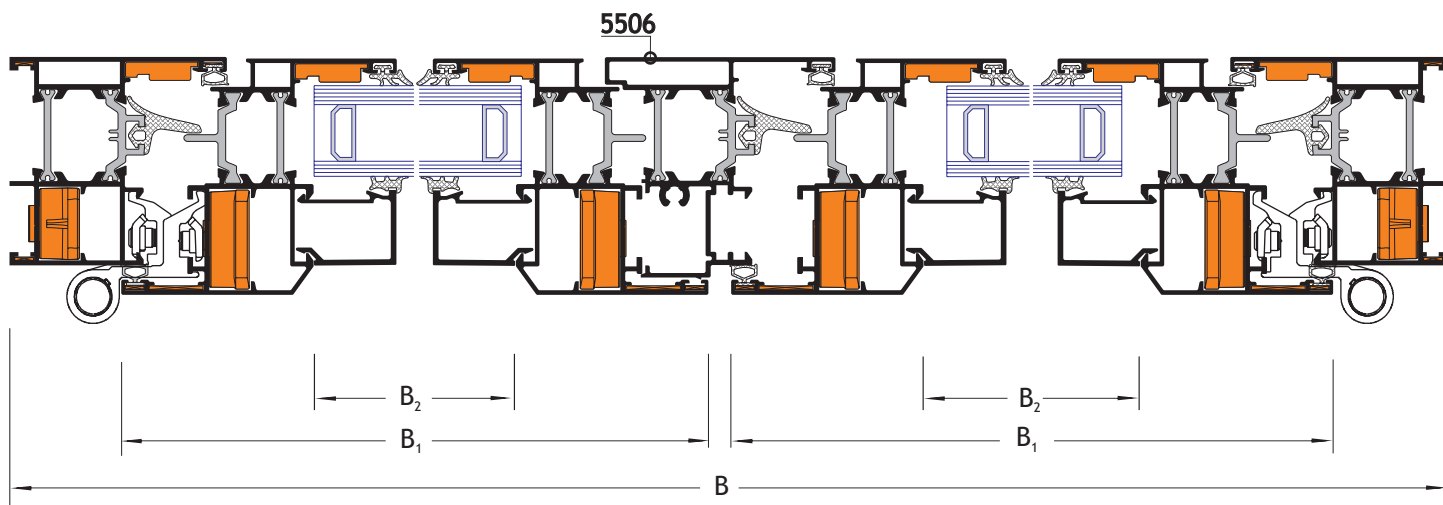
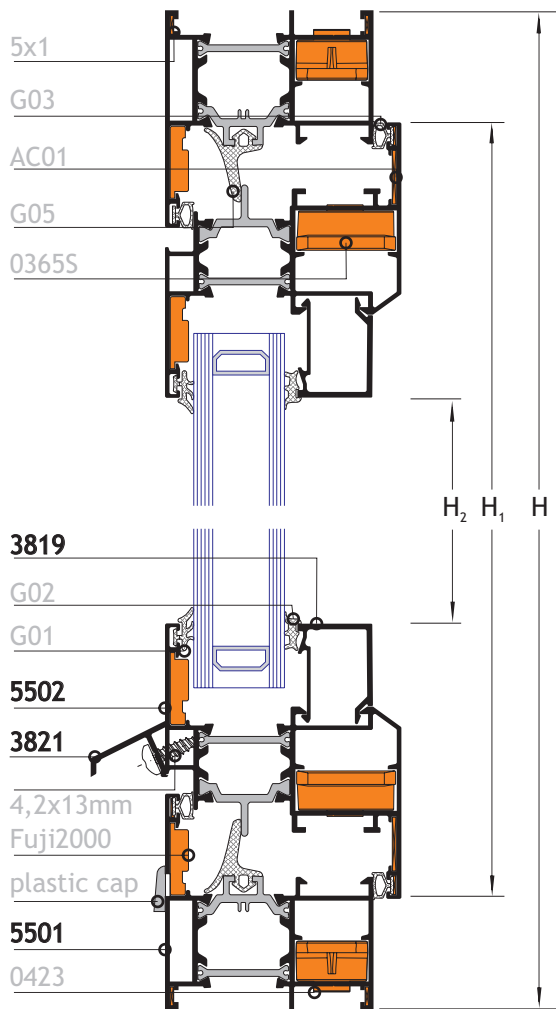
THERMO-BREAK  
OPENING SYSTEM TBO 55

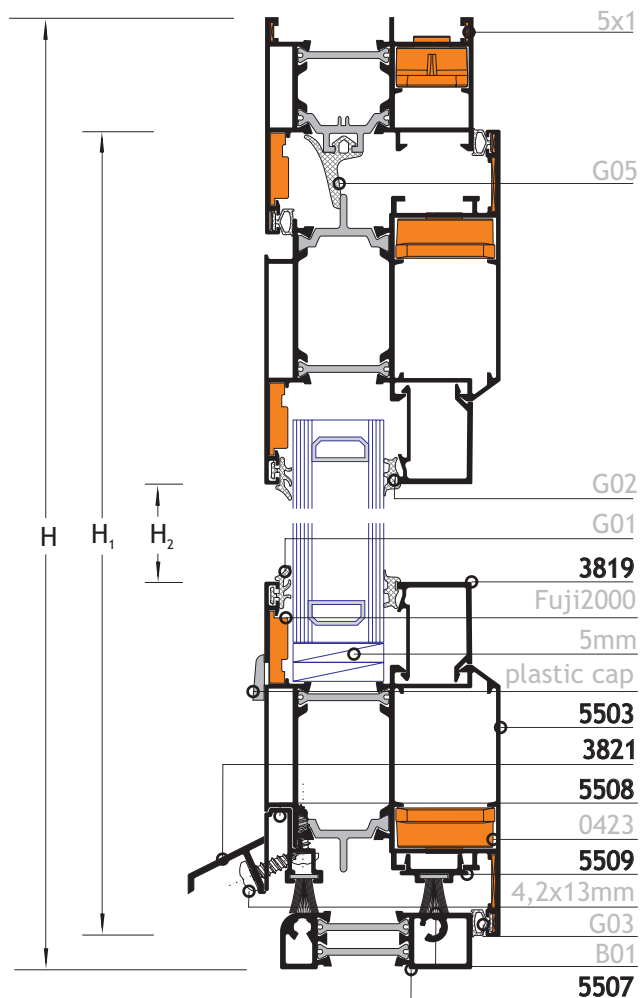
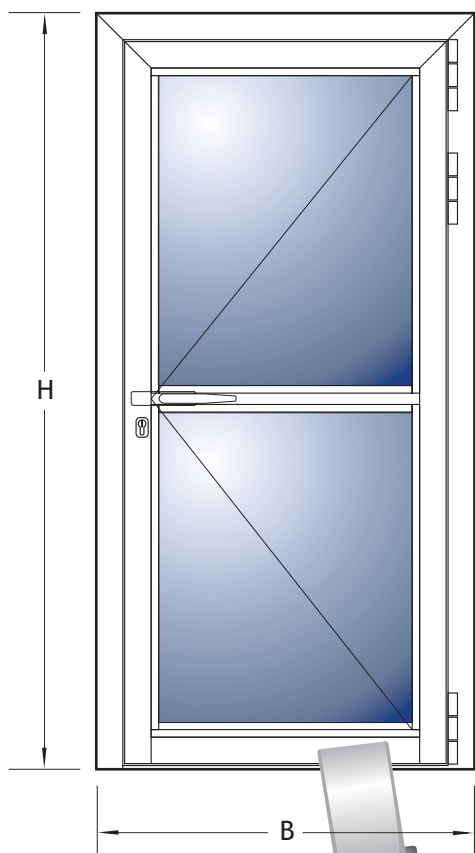


$B_1 = B/2 - 28,5 \text{ (mm)}$   
 $B_2 = B/2 - 130 = B_1 - 102 \text{ (mm)}$

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$H_1 = H - 52 \text{ (mm)}$   
 $H_2 = H - 198 = H_1 - 146 \text{ (mm)}$

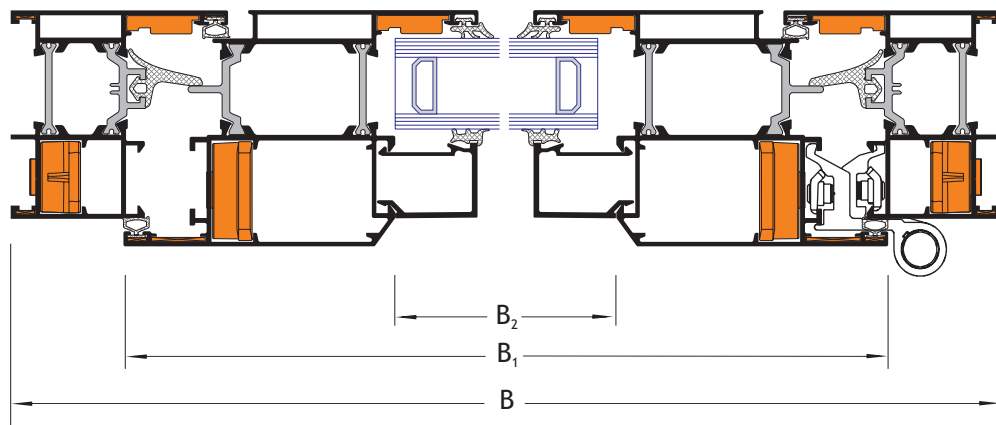




$B_1 = B - 59$  (mm)  
 $B_2 = B - 203 = B_1 - 144$  (mm)

---

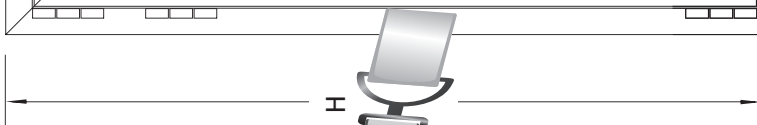
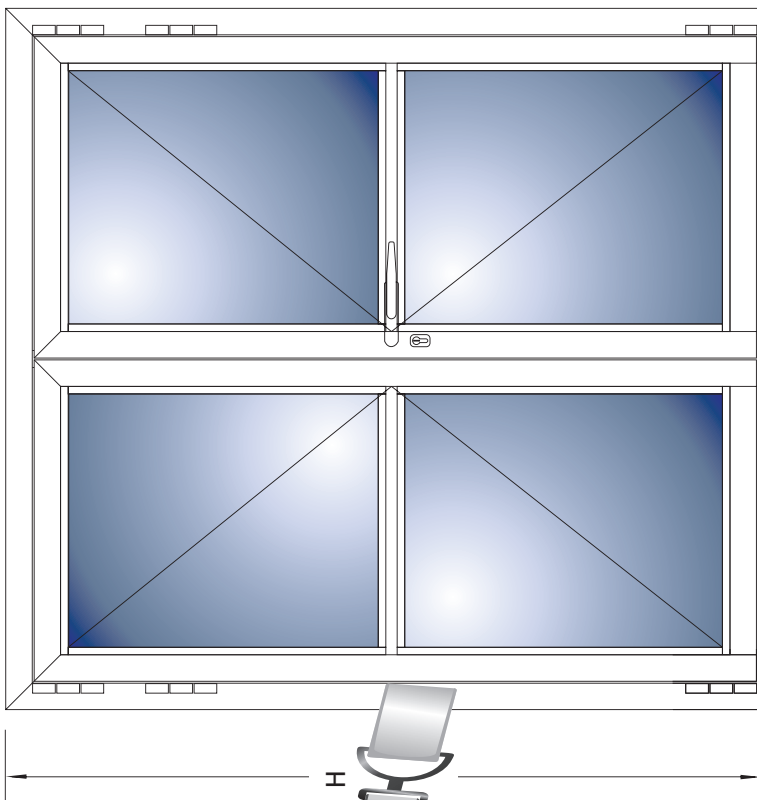
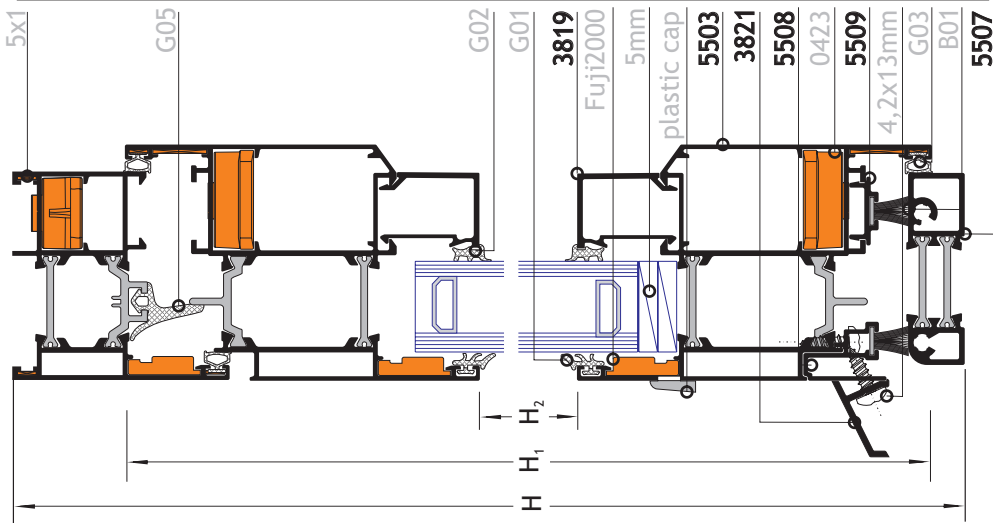
$H_1 = H - 39$  (mm)  
 $H_2 = H - 226 = H_1 - 188$  (mm)



55 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 55

THERMO-BREAK  
OPENING SYSTEM TBO 55



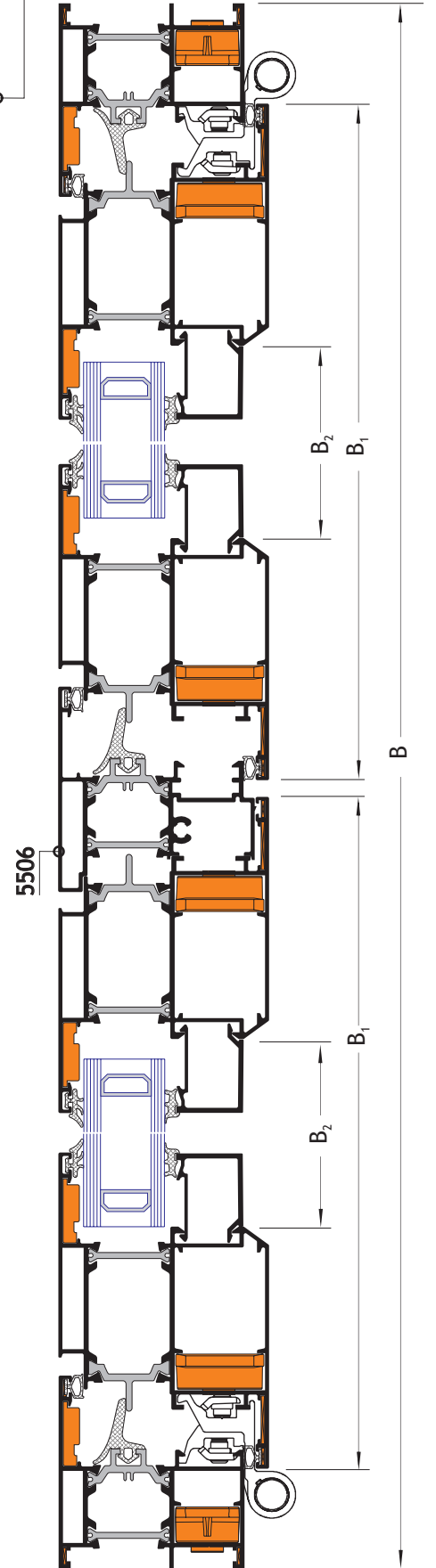
$B_1 = B/2 - 32$  (mm)

$B_2 = B/2 - 176 = B_1 - 144$  (mm)

---

$H_1 = H - 39$  (mm)

$H_2 = H - 226 = H_1 - 188$  (mm)





S - LINE

70 mm  
ОТВАРЯЕМА  
СИСТЕМА С  
ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ

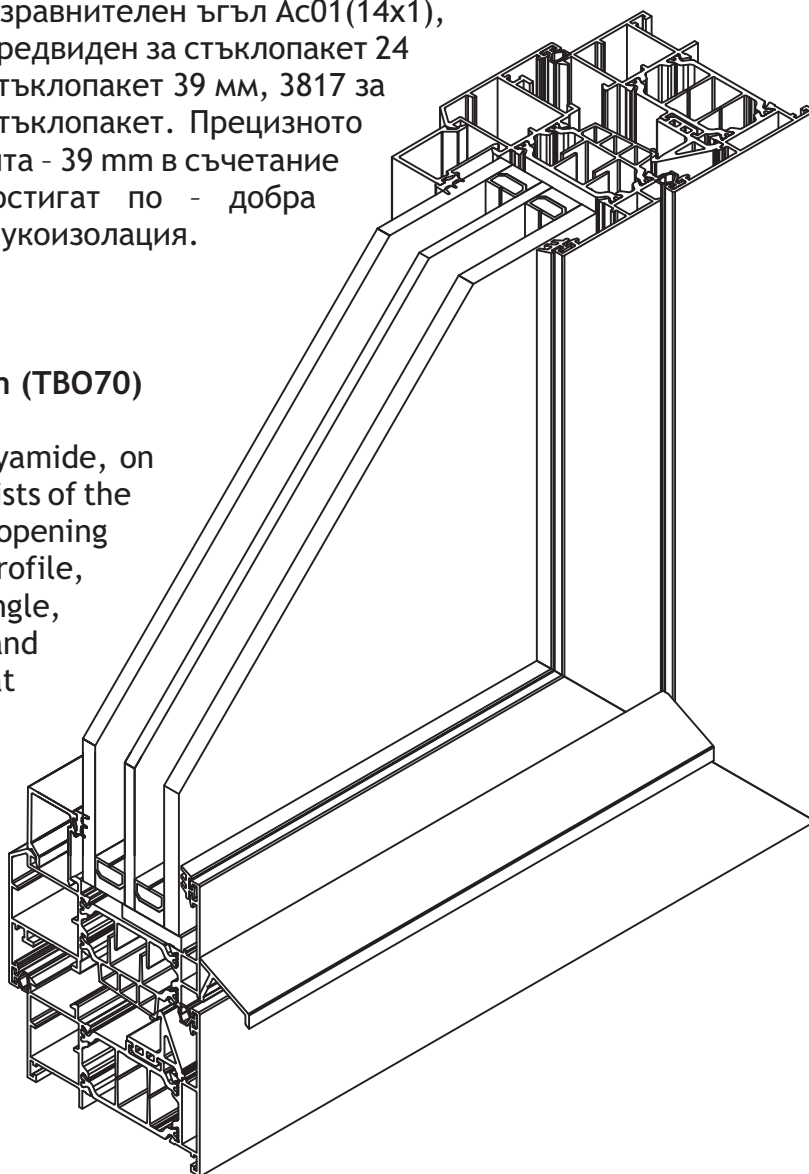
70 mm  
THERMO-BREAK  
OPENING  
SYSTEM


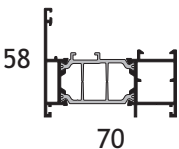
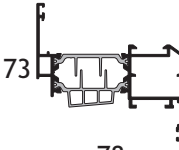
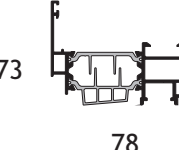
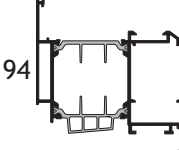
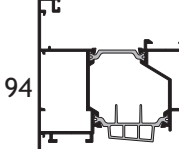
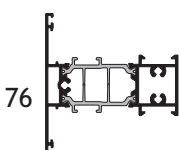
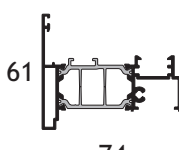
## Отваряема система с прекъснат термичен мост 70 мм ( TBO70 )

Профилите са с 39 мм полиамид, както на касата така и на крилото. Системата има следните профили: каса, крило, крило за врата навътре, крило за врата навън, делител, летящ кемпфер, профил за стационарен ъгъл 90 о, профили за произволен ъгъл, праг и два допълнителни профила за врата. Сглобката е 0423 при касата и 0365S при крилата. От външната част използваме изравнителен ъгъл Fuji 2000, от вътрешната страна на крилата изравнителен ъгъл Ac01(14x1), при касите 5x1. Стъклодържател 3820 е предвиден за стъклопакет 24 мм, 3818 за стъклопакет 35 мм, 3819 за стъклопакет 39 мм, 3817 за 46 мм стъклопакет и 3816 е за 48 мм стъклопакет. Прецизното качество на по-широката полиамидна лента - 39 мм в съчетание с EPDM уплътнител G08 целят и постигат по - добра топлоизолация, водонепроницаемост и звукоизолация.

### Thermo-break opening system 70 mm (TBO70)


The profiles are provided with 39 mm polyamide, on the frame and on the sash. The system consists of the following profiles: frame, sash, door sash opening outside, door sash opening inside, T- profile, adjoining profile, profile for a 90 o fixed angle, profiles for arbitrary angles, threshold and two additional door profiles. 0423 corner at the frame and 0365S at the sashes. We use an alignment corner Fuji 2000 for the external side, Ac01(14x1) alignment corner for the internal side of the sashes, 5x1 - frames. 3820 glazing bead provided for 24 mm insulating glass unit, 3818 for insulating glass unit 35 mm, 3819 for insulating glass unit 39 mm, 3817 for 46 mm insulating glass unit and 3816 for 48 mm insulating glass unit. The precise quality of the wider 39 mm polyamide combined with EPDM gasket G08 aim and achieve - better thermal insulation, water tightness and sound insulation.

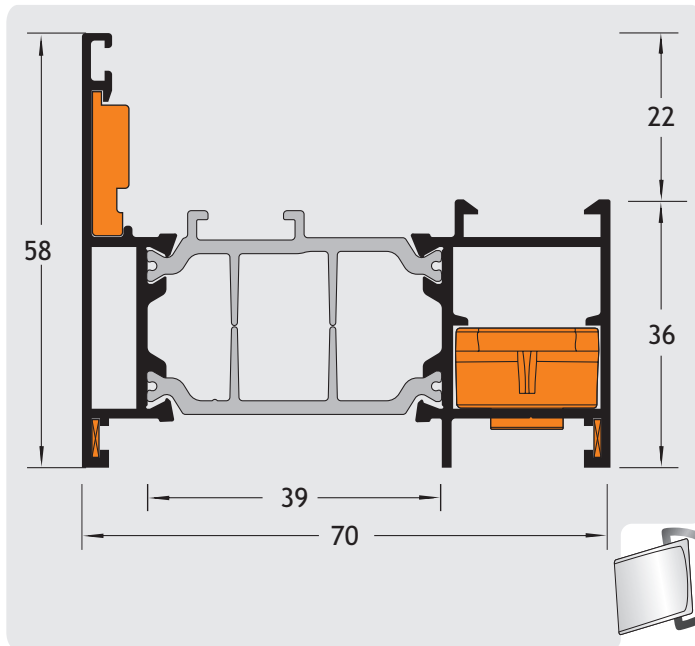


ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
7001 	1250	8,72	30,33	382	КАСА FRAME	146
7002 	1337	10,86	38,66	730	КРИЛО ПРОЗОРЕЦ SASH	146
7014 	1434	10,56	41,16	442	КРИЛО С ЕВРО КАНАЛ ADJOINING PROFILE	147
7003 	1656	32,84	49,72	472	КРИЛО ВРАТА НАВЪТРЕ SASH	147
7004 	1700	35,61	49,32	510	КРИЛО ВРАТА НАВЪН SASH OP. OUTSIDE	148
7005 	1431	11,19	35,08	439	ДЕЛИТЕЛ T-PROFILE	148
7006 	1236	8,15	19,40	440	ЛЕТЯЩ КЕМПФЕР ADJOINING PROFILE	149

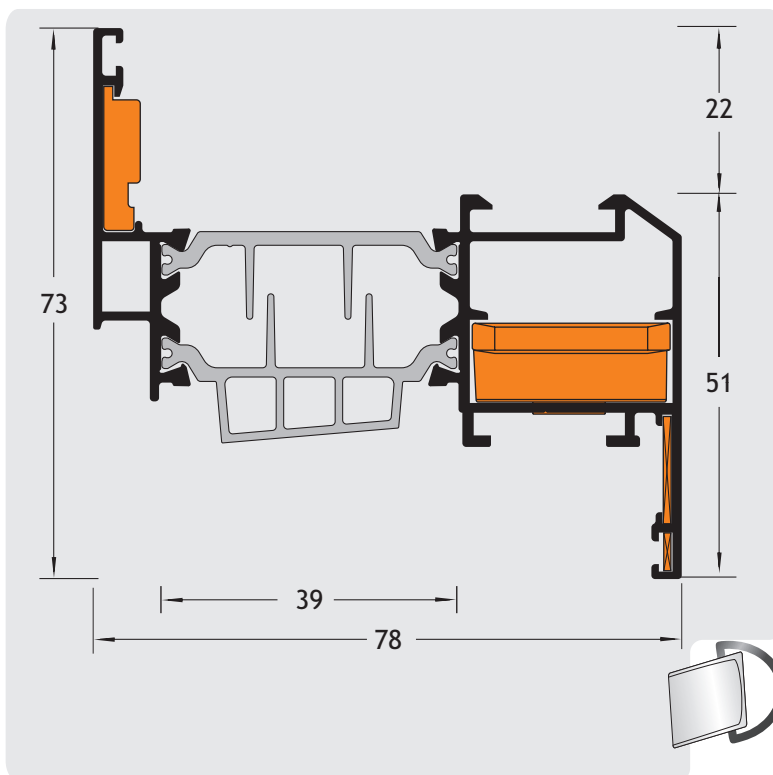


ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE (page)
		$I_x$	$J_y$			
7016 61  74	1326	8,97	34,95	375	ЛЕТЯЩ КЕМПФЕР С ЕВРОКАНАЛ  ADJOINING PROFILE	149
7015 90  70	1965	25,79	44,72	490	ПОДОВ ПРОФИЛ  KICK-PLATE	150
7010 56  99	1434	30,14	18,59	317	ЪГЛОВА КОЛОНА 90° ГРАДУСА  ADJOINING PROFILE	150
5511  Φ70	1336	21,21	24,10	253	ТРЪБА  ADJOINING PROFILE	151
7007 15  67	813	0,75	17,58	181	ПРАГ  THRESHOLD	151
5508 22  16	226	0,31	0,19	137	КАПАЧКА ЗА ПРАГ  ADJOINING PROFILE	152
5509 8  18	124	0,01	0,14	68	ГОЛЯМА КАПАЧКА  SUPPLEMEN. PROFILE	152

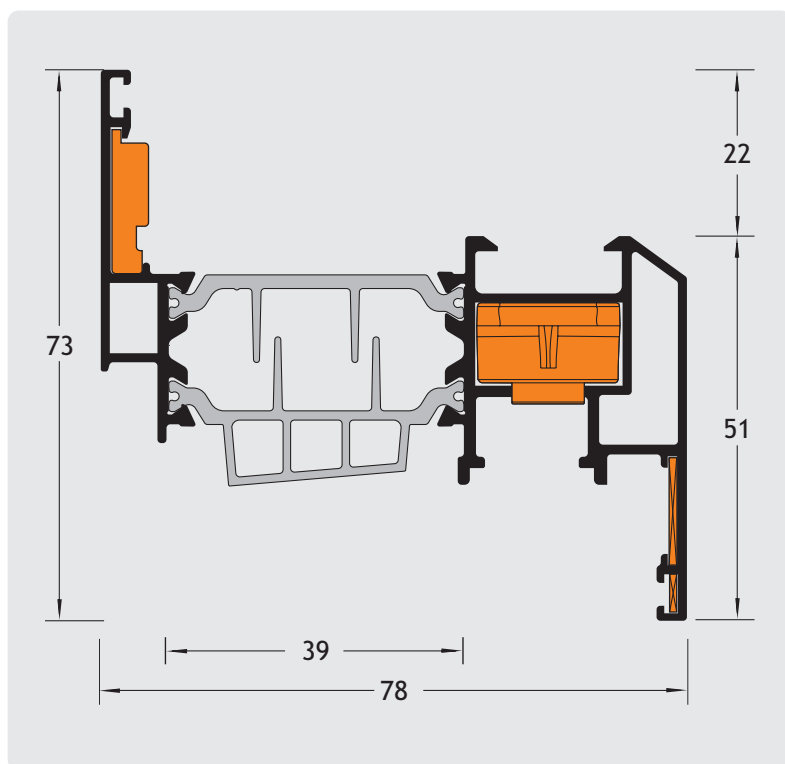
ПРОФИЛ PROFILE		Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
5513	18  24	273	0,22	0,57	92	АДАПТЕР ЗА ТРЪБА ADJOINING PROFILE	153
7012	38  12	240	1,20	0,10	100	АДАПТЕР ЗА ТРЪБА SUPPLEMEN. PROFILE	153



KACA / FRAME	7001
WEIGHT (gr/m)	W=1250
Moments of INERTIA (cm <sup>4</sup> )	Ix=8,72
	Jy=30,33
Perimeter (mm)	P=382
<b>Accessories</b>	
corner	0423
alignment corner	Fuji2000,5x1
note	



КРИЛО ПРОЗОРЕЦ SASH	7002
WEIGHT (gr/m)	W=1337
Moments of INERTIA (cm <sup>4</sup> )	Ix=10,86
	Jy=38,66
Perimeter (mm)	P=730
<b>Accessories</b>	
corner	0365S
alignment corner	Fuji2000,5x1,Ac01



**КРИЛО С ЕВРО КАНАЛ  
ADJOINING PROFILE** **7014**

WEIGHT (gr/m) W=1434

Moments of INERTIA (cm<sup>4</sup>) Ix=10,56

Jy=41,16

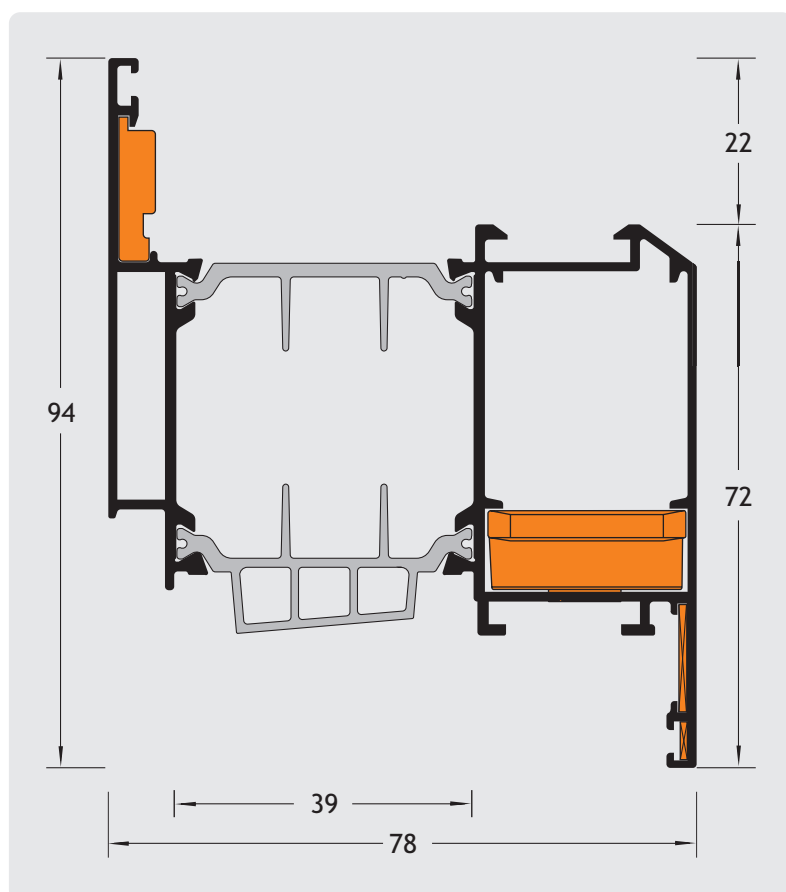
Perimeter (mm) P=442

**Accessories**

corner 0423

alignment corner Fuji2000,5x1,Ac01

note



**КРИЛО ВРАТА НАВЪТРЕ  
SASH** **7003**

WEIGHT (gr/m) W=1656

Moments of INERTIA (cm<sup>4</sup>) Ix=32,84

Jy=49,72

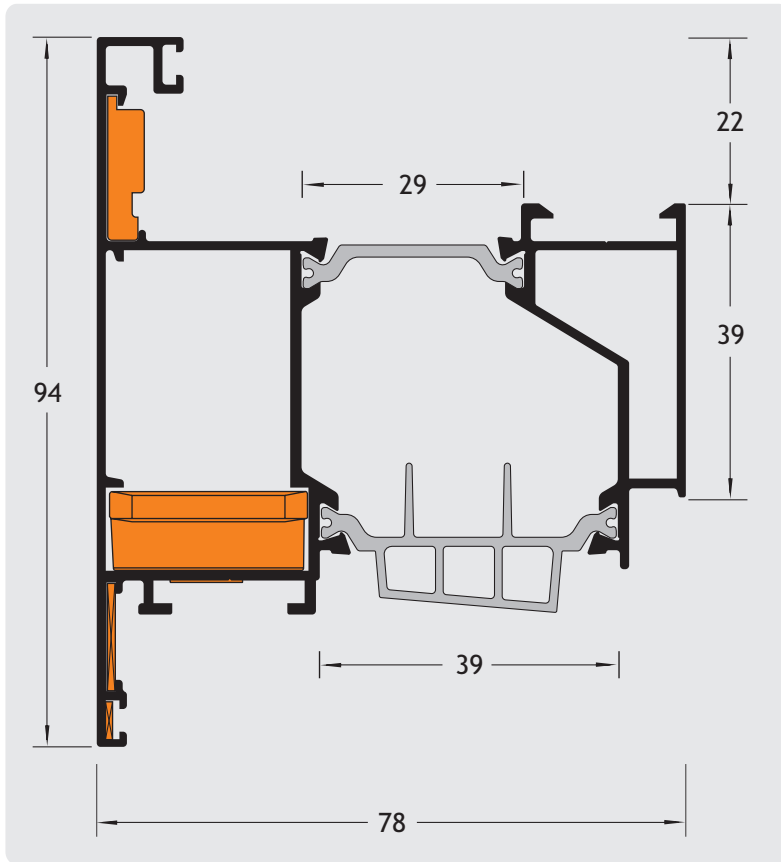
Perimeter (mm) P=472

**Accessories**

corner 0365S

alignment corner Fuji2000,5x1,Ac01

note



КРИЛО ВРАТА НАВЪН  
SASH OP. OUTSIDE

**7004**

WEIGHT (gr/m)

W=1700

Moments of INERTIA (cm<sup>4</sup>)

Ix=35,61

Jy=49,32

Perimeter (mm)

P=510

**Accessories**

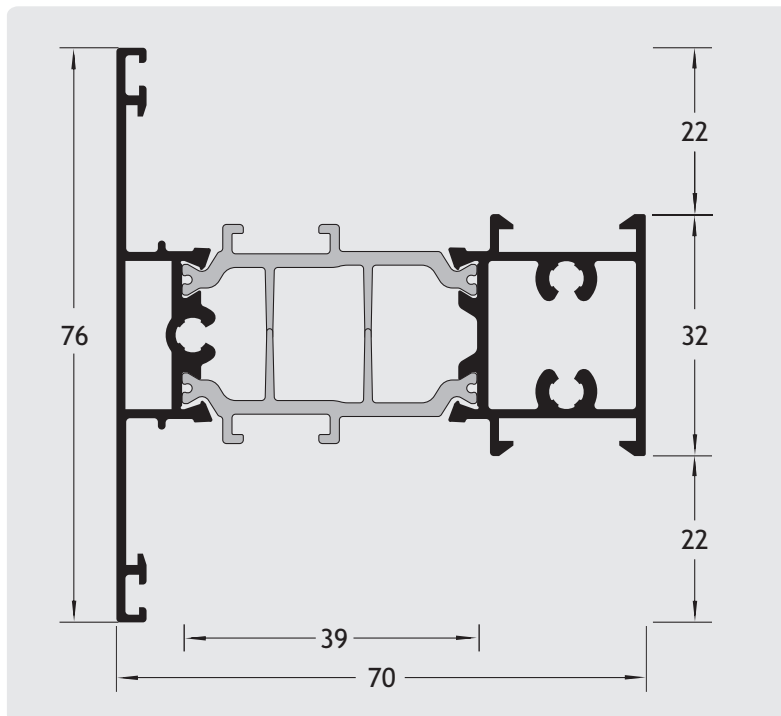
corner

0365S

alignment corner

Fuji2000,5x1,Ac01

note



ДЕЛИТЕЛ  
T-PROFILE

**7005**

WEIGHT (gr/m)

W=1431

Moments of INERTIA (cm<sup>4</sup>)

Ix=11,19

Jy=35,08

Perimeter (mm)

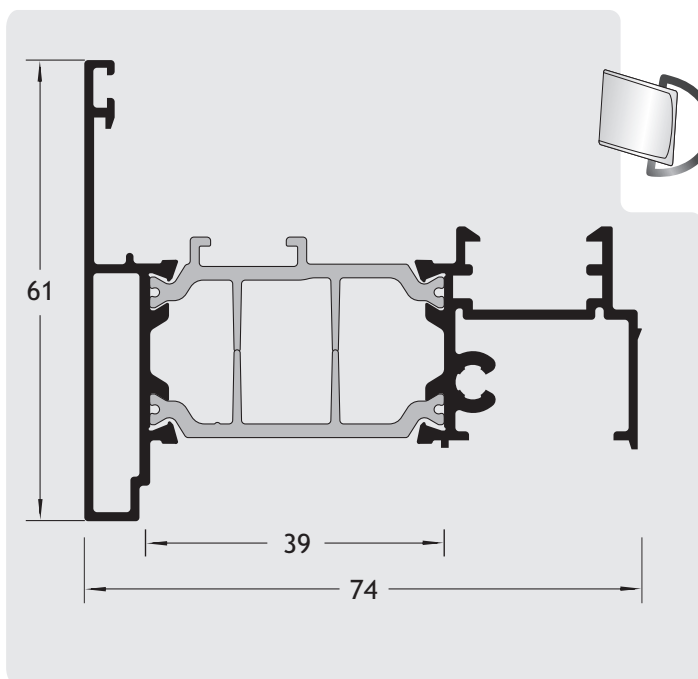
P=439

**Accessories**

corner

alignment corner

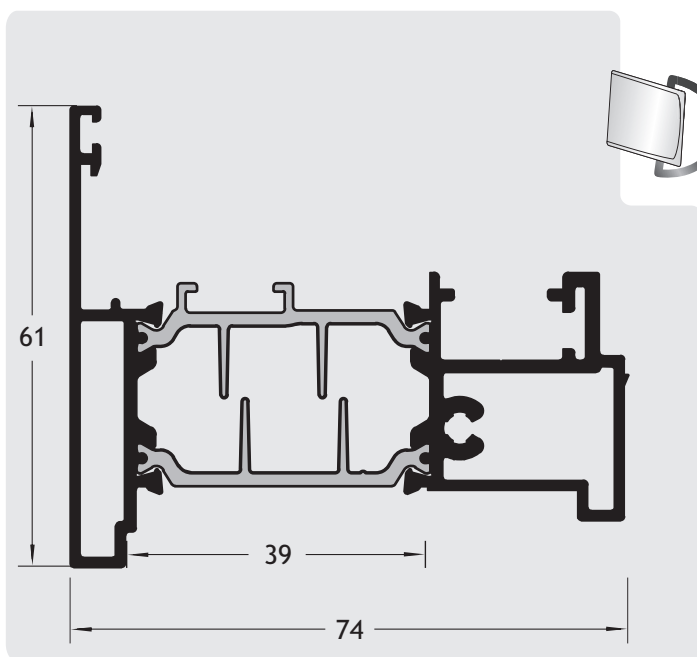
note



ЛЕТЯЩ КЕМПФЕР ADJOINING PROFILE	<b>7006</b>
WEIGHT (gr/m)	W=1236
Moments of INERTIA (cm <sup>4</sup> )	Ix=8,15
	Jy=19,40
Perimeter (mm)	P=440

#### Accessories

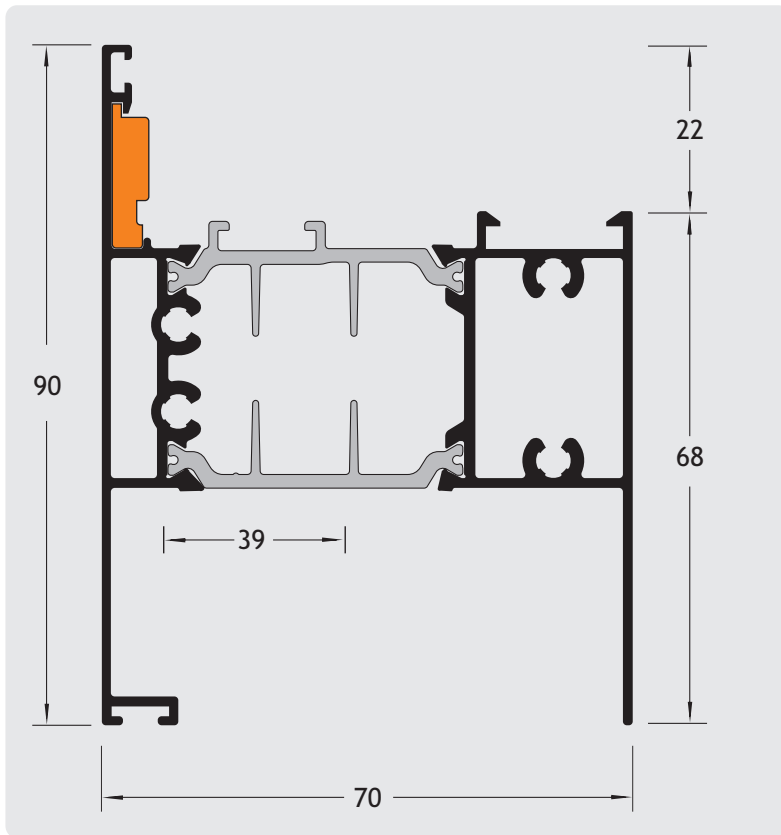
corner	
alignment corner	
note	



ЛЕТЯЩ КЕМПФЕР С ЕВРОКАНАЛ KICK-PLATE	<b>7016</b>
WEIGHT (gr/m)	W=1326
Moments of INERTIA (cm <sup>4</sup> )	Ix=8,97
	Jy=34,95
Perimeter (mm)	P=375

#### Accessories

corner	
alignment corner	
note	



ПОДОВ ПРОФИЛ  
KICK-PLATE

**7015**

WEIGHT (gr/m)

W=1695

Moments of INERTIA (cm<sup>4</sup>)

I<sub>x</sub>=25,79

J<sub>y</sub>=44,72

Perimeter (mm)

P=490

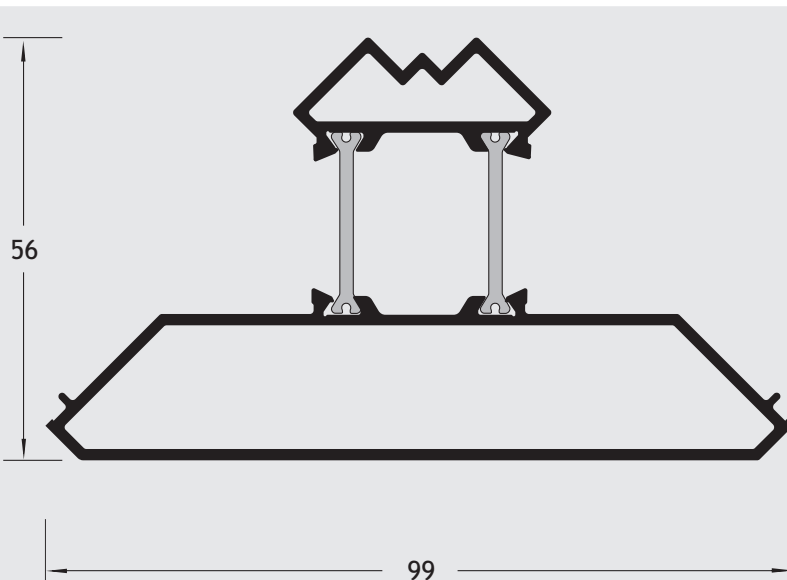
### Accessories

corner

alignment corner

Fuji2000

note



ЪГЛОВА КОЛОНА  
90° ГРАДУСА  
ADJOINING PROFILE

**7010**

WEIGHT (gr/m)

W=1434

Moments of INERTIA (cm<sup>4</sup>)

I<sub>x</sub>=30,14

J<sub>y</sub>=18,59

Perimeter (mm)

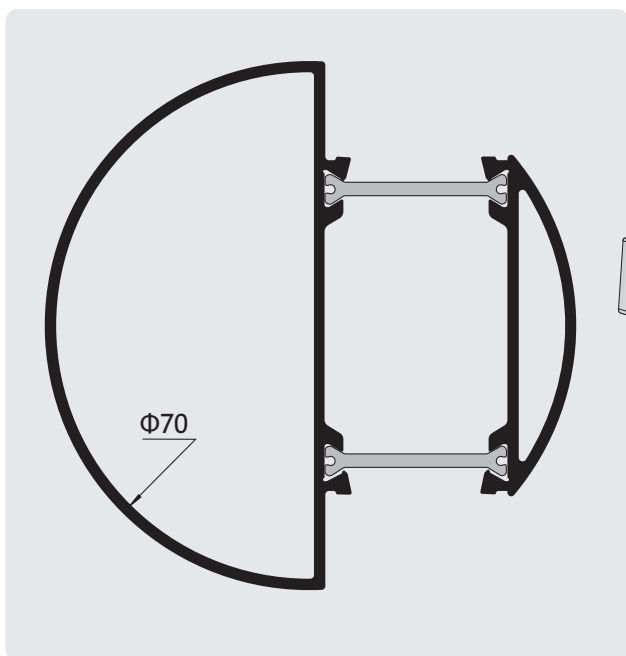
P=317

### Accessories

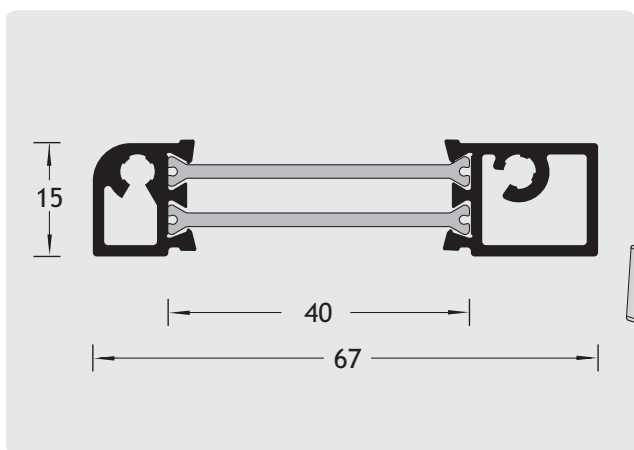
corner

alignment corner

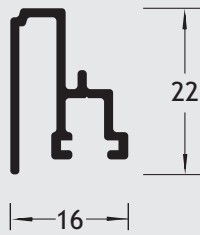
note



<b>ТРЪБА ADJOINING PROFILE</b>	<b>5511</b>
WEIGHT (gr/m)	W=1336
Moments of INERTIA (cm <sup>4</sup> )	Ix=21,21
	Jy=24,10
Perimeter (mm)	P=253
<b>Accessories</b>	
corner	
alignment corner	
note	



<b>ПРАГ THRESHOLD</b>	<b>7007</b>
WEIGHT (gr/m)	W=813
Moments of INERTIA (cm <sup>4</sup> )	Ix=0,75
	Jy=17,58
Perimeter (mm)	P=181
<b>Accessories</b>	
corner	
alignment corner	
note	



КАПАЧКА ЗА ПРАГ  
ADJOINING PROFILE

**5508**

WEIGHT (gr/m)

W=226

Moments of INERTIA (cm<sup>4</sup>)

Ix=0,31

Jy=0,19

Perimeter (mm)

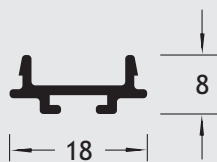
P=137

**Accessories**

corner

alignment corner

note



ГОЛЯМА КАПАЧКА  
SUPPLEMEN. PROFILE

**5509**

WEIGHT (gr/m)

W=124

Moments of INERTIA (cm<sup>4</sup>)

Ix=0,01

Jy=0,14

Perimeter (mm)

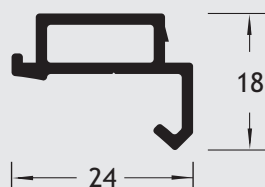
P=68

**Accessories**

corner

alignment corner

note



АДАПТЕР ЗА ТРЪБА  
ADJOINING PROFILE

**5513**

WEIGHT (gr/m)

W=273

Moments of INERTIA (cm<sup>4</sup>)

Ix=0,22

Jy=0,57

Perimeter (mm)

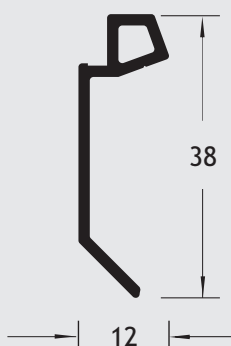
P=92

**Accessories**

corner

alignment corner

note



АДАПТЕР ЗА ТРЪБА  
SUPPLEMEN. PROFILE

**7012**

WEIGHT (gr/m)

W=240

Moments of INERTIA (cm<sup>4</sup>)

Ix=1,20

Jy=0,10

Perimeter (mm)

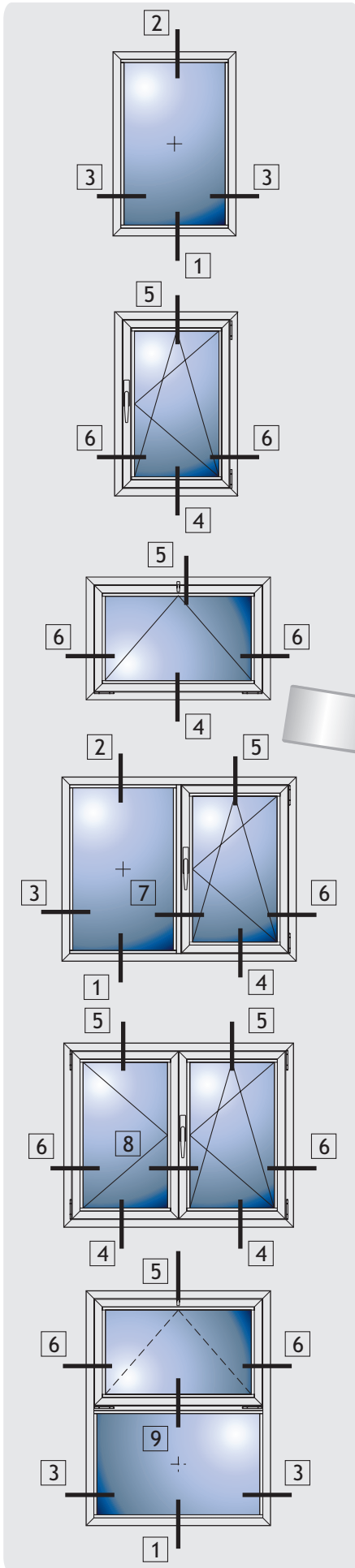
P=100

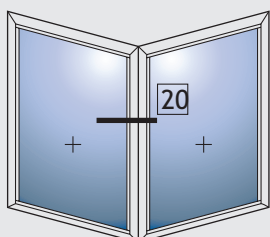
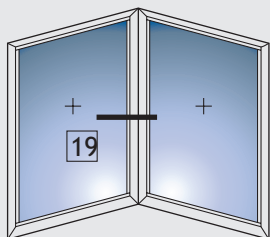
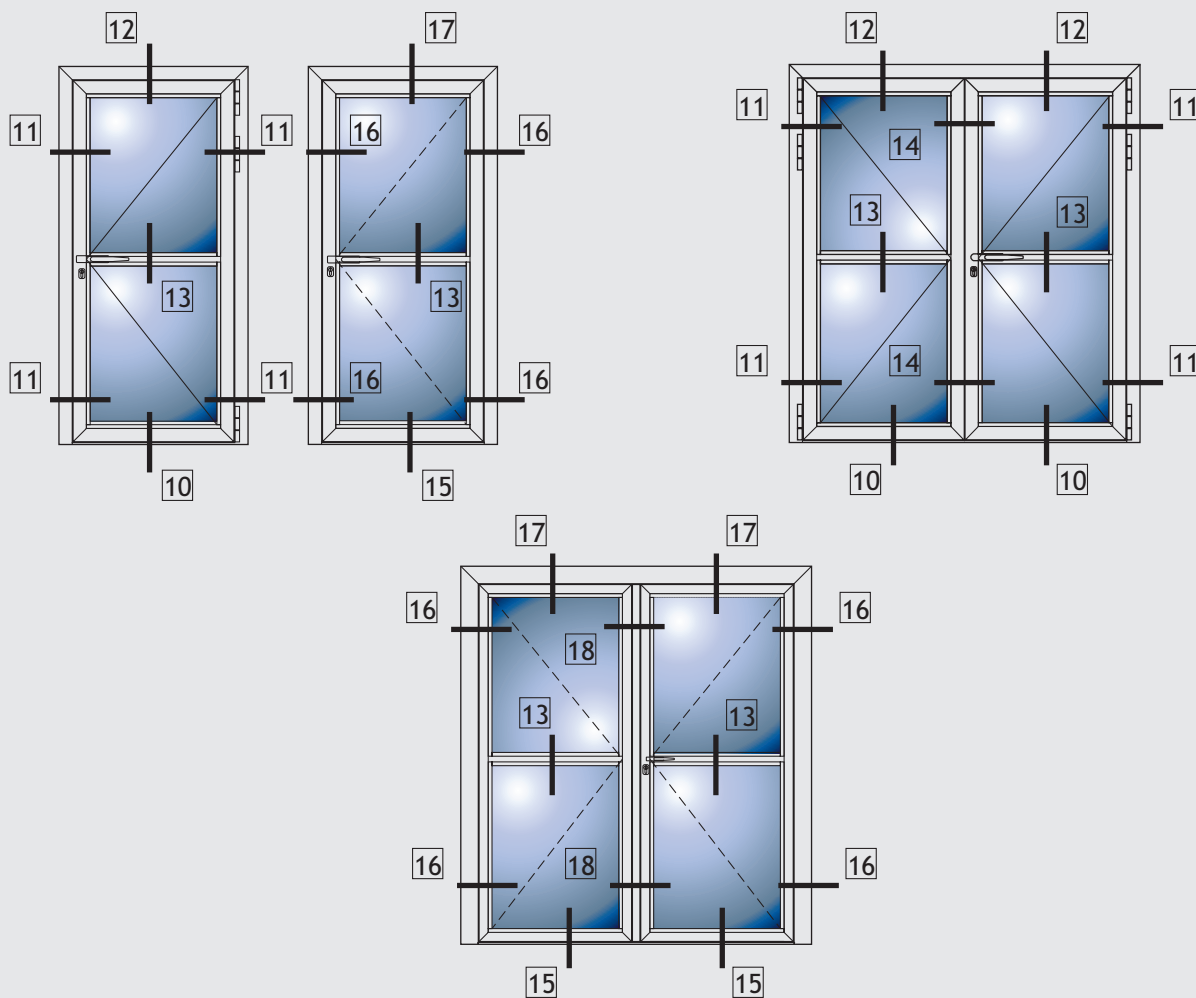
**Accessories**

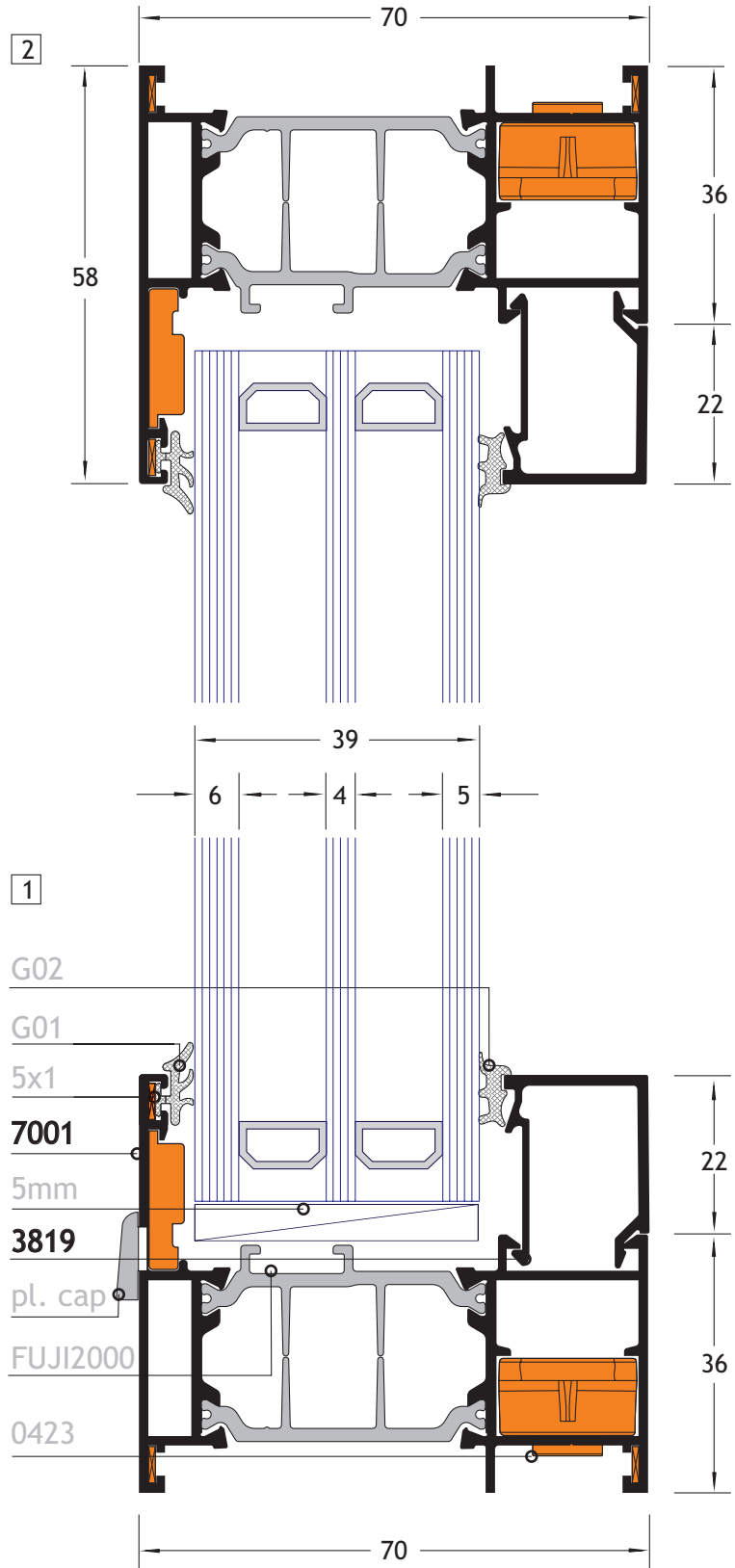
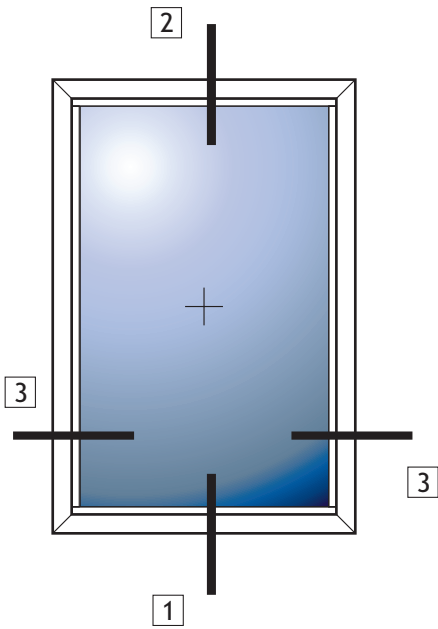
corner

alignment corner

note





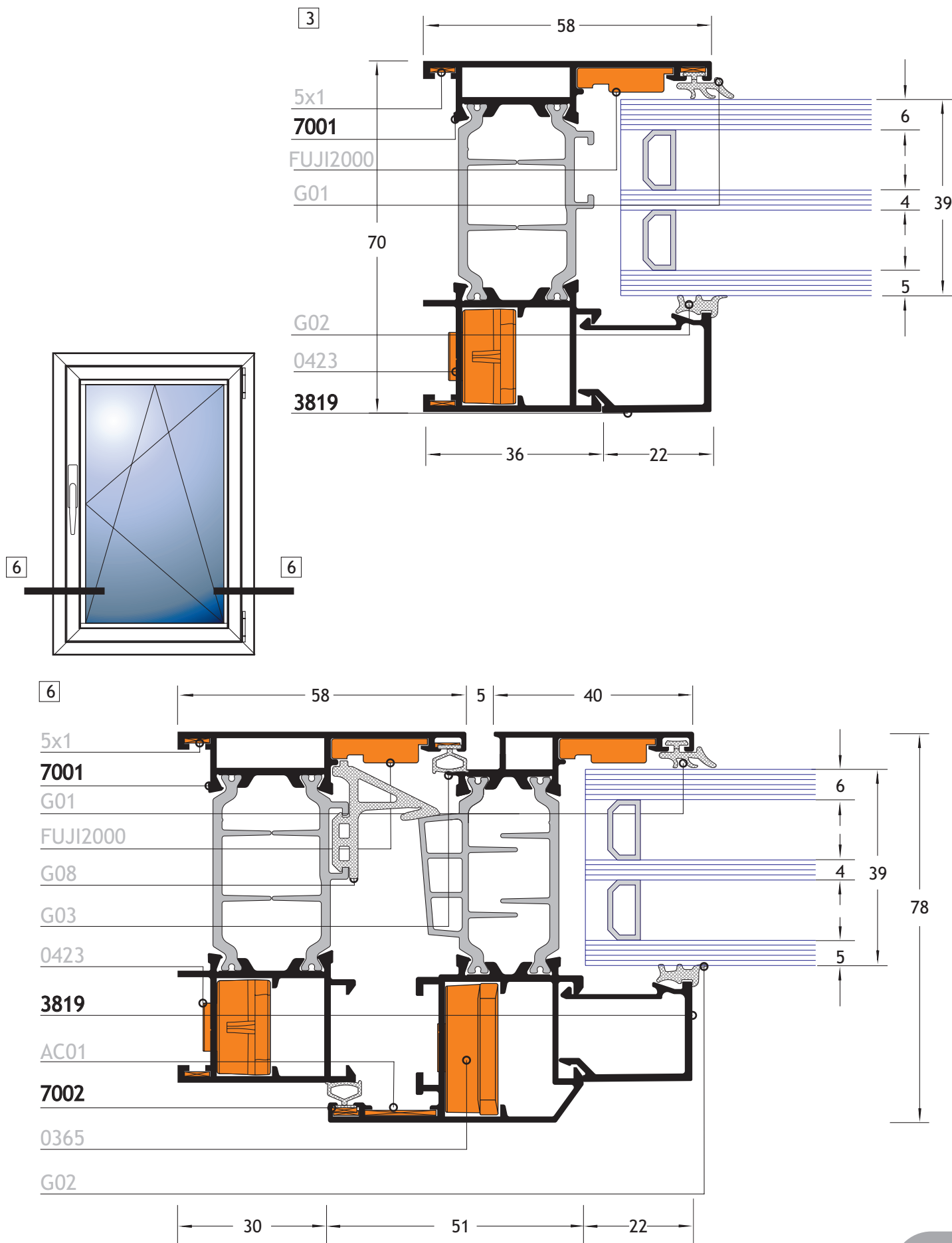


70 mm  
THERMO

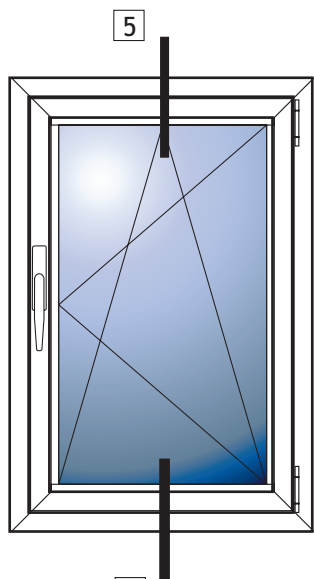
ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 70

THERMO-BREAK  
OPENING SYSTEM TBO 70

**VIVA**<sup>®</sup>  
ALUMINIUM  
SYSTEMS



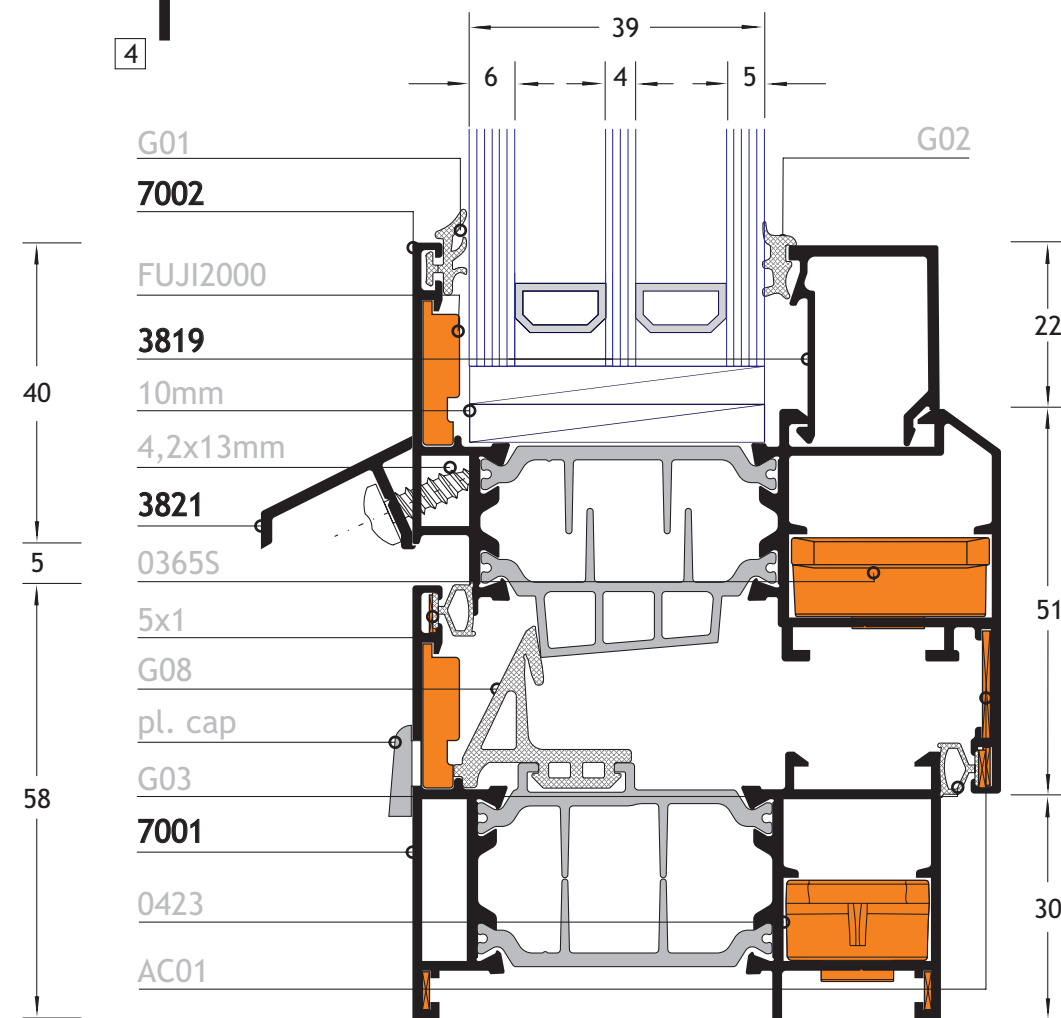
5



5

4

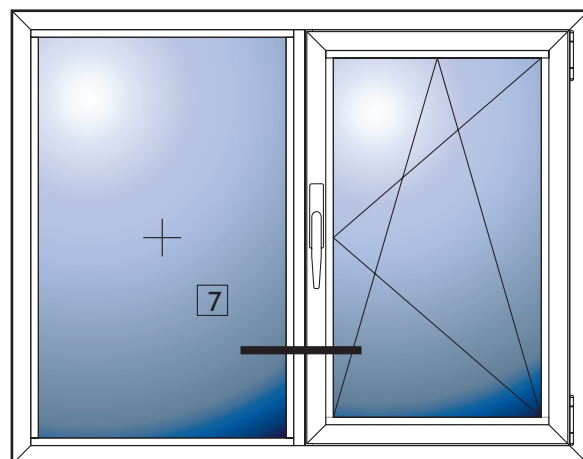
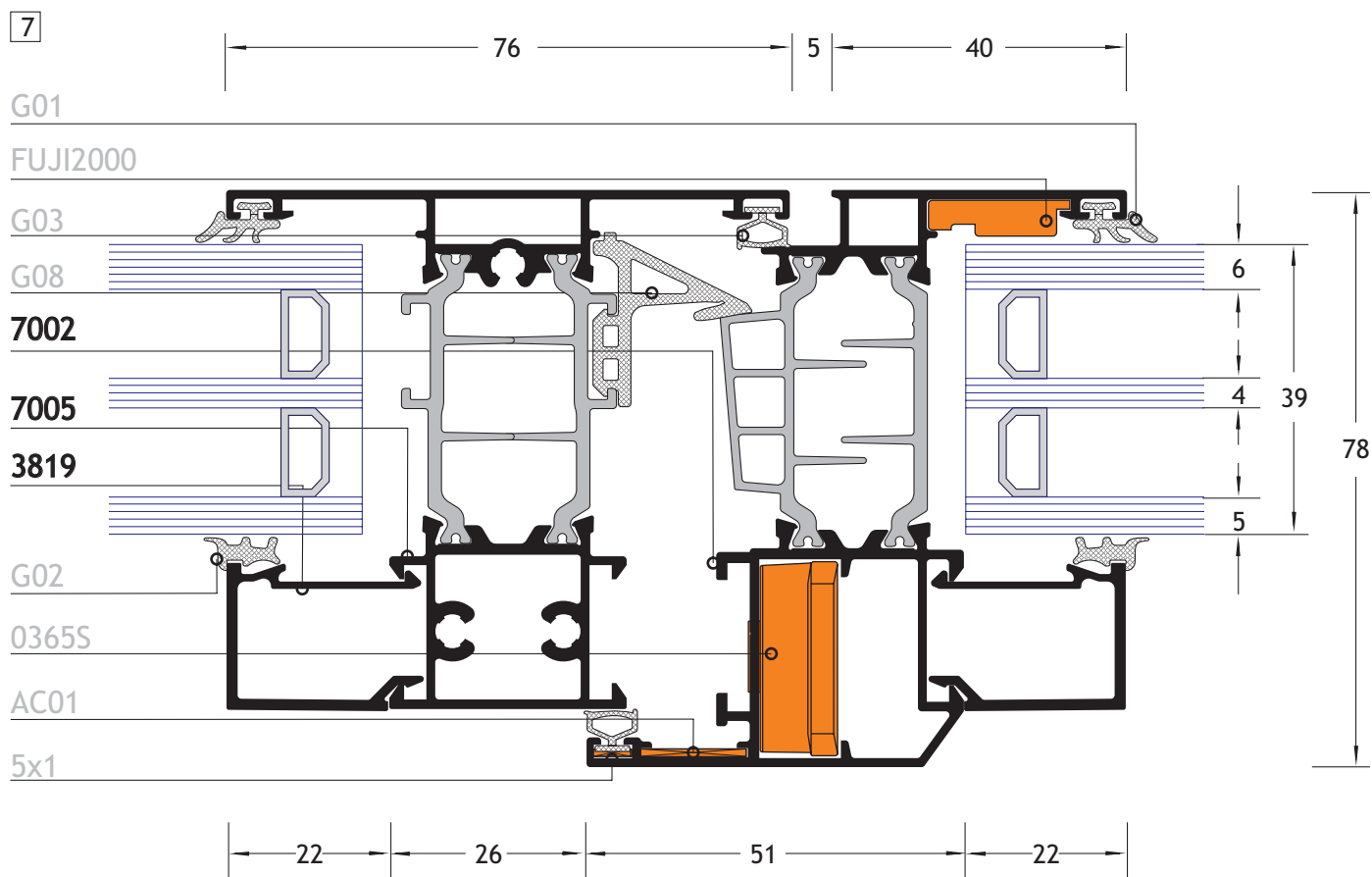
4



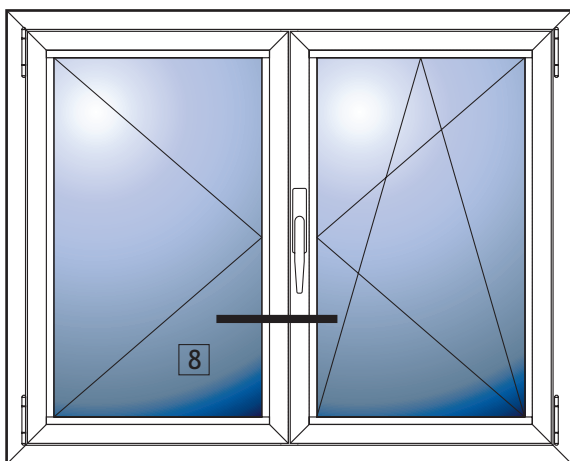
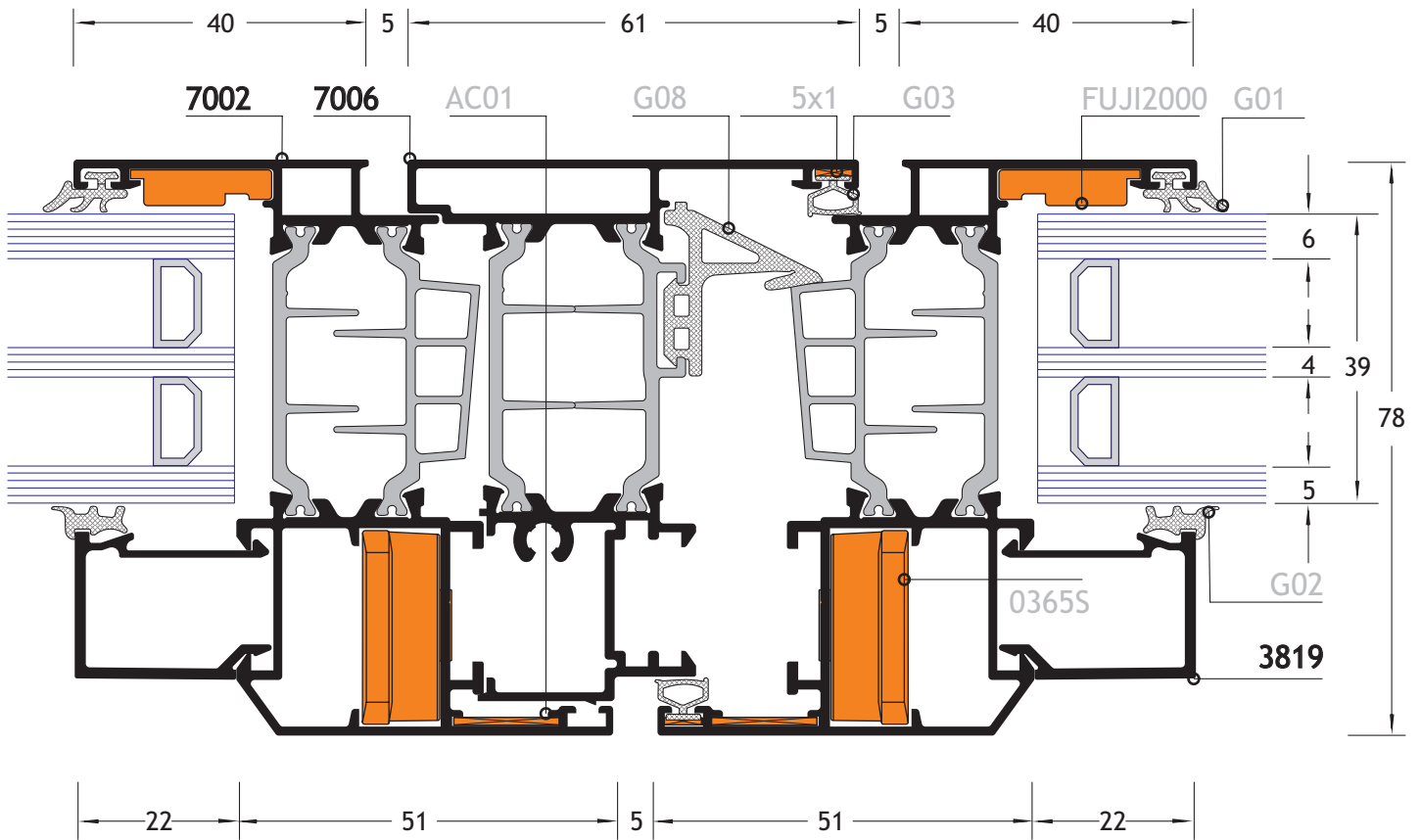
70 mm  
THERMO

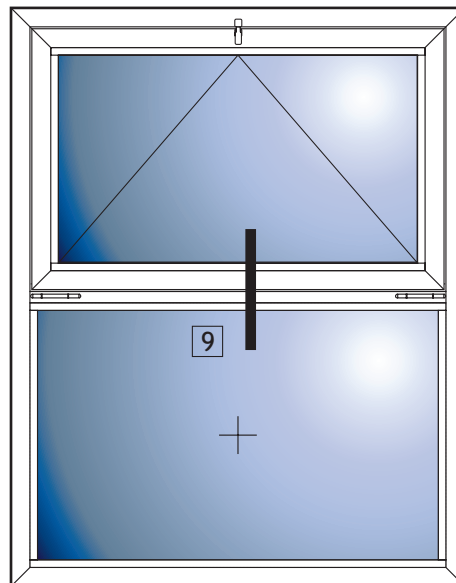
ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 70

THERMO-BREAK  
OPENING SYSTEM TBO 70

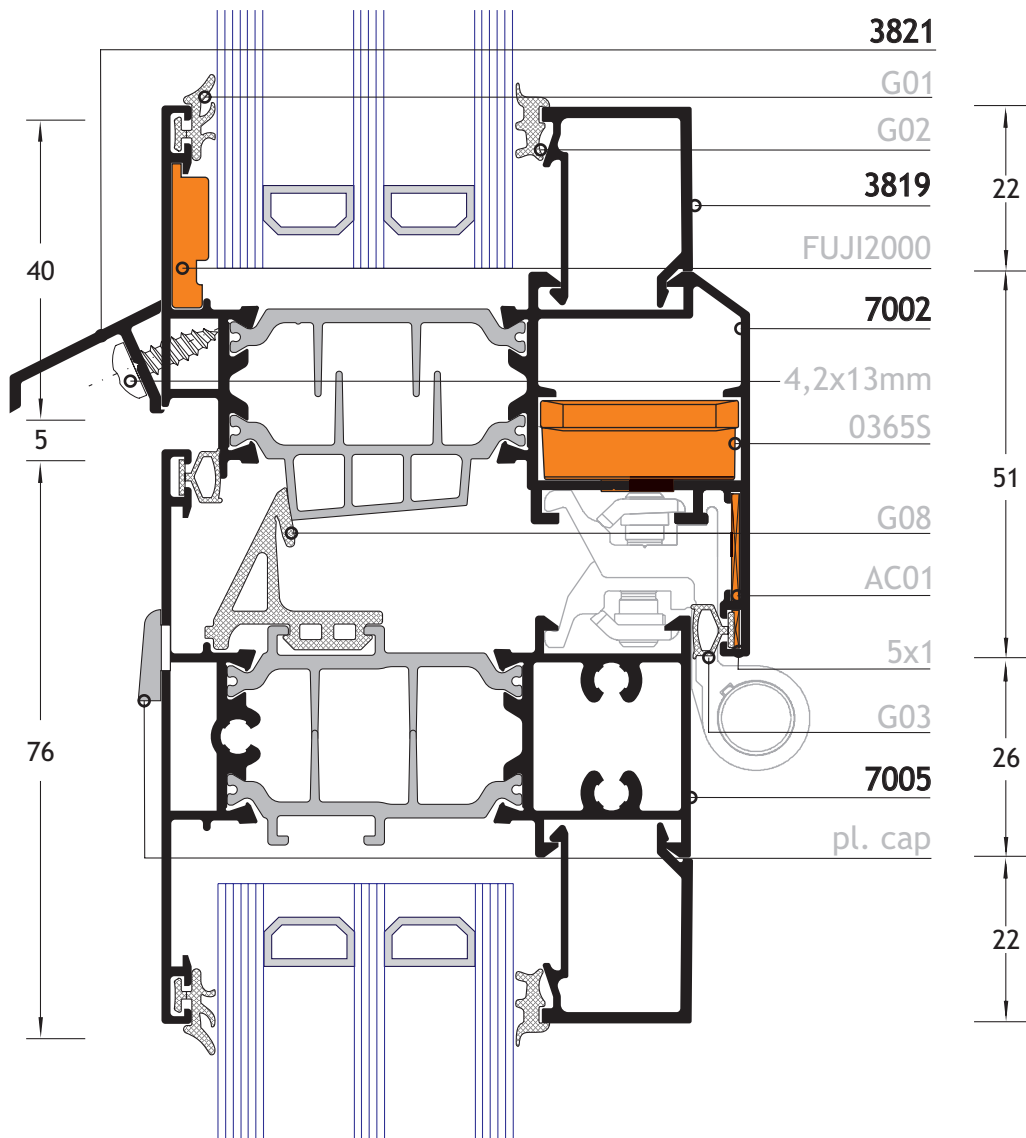
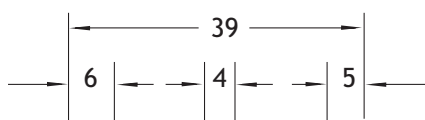


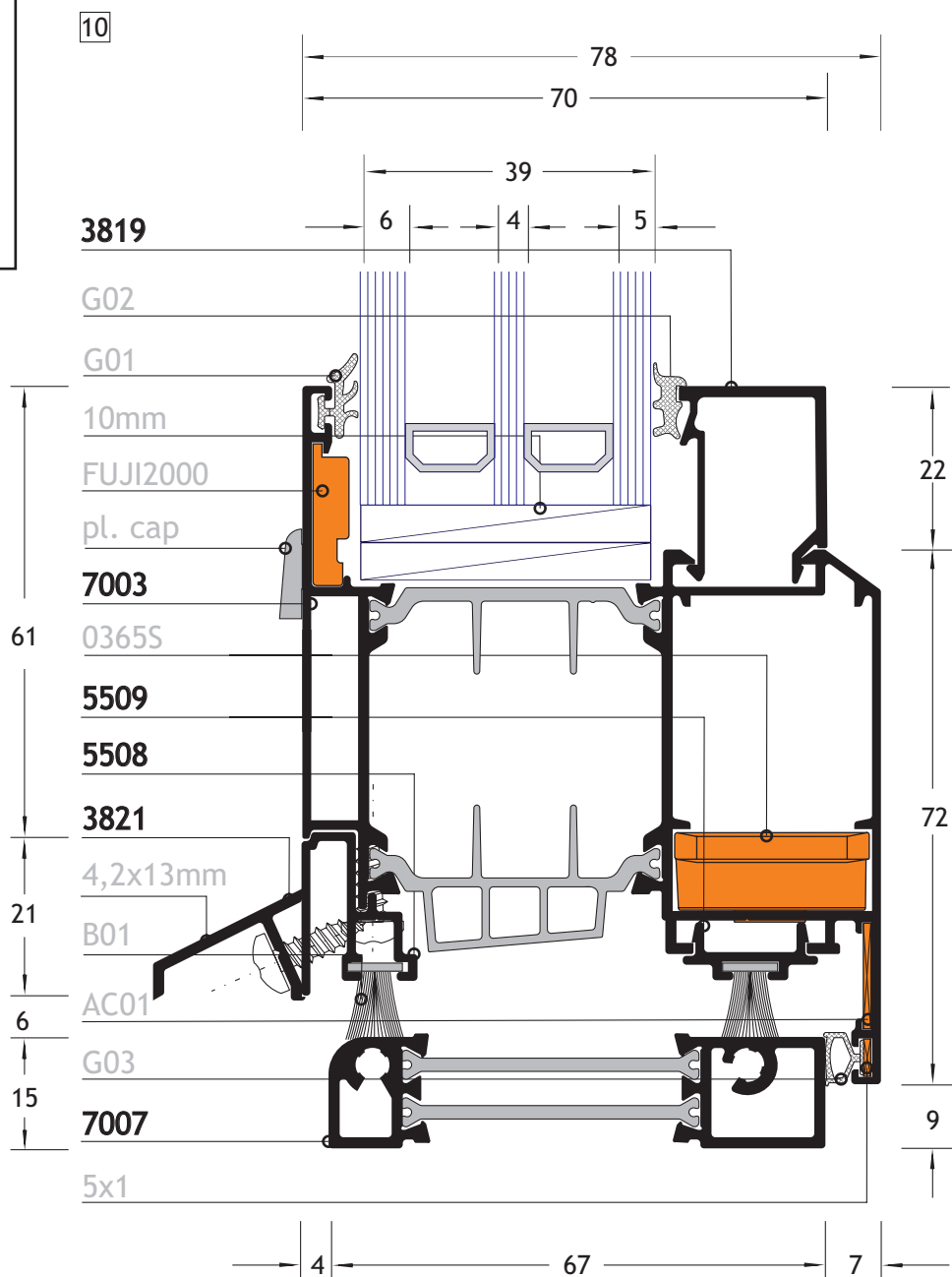
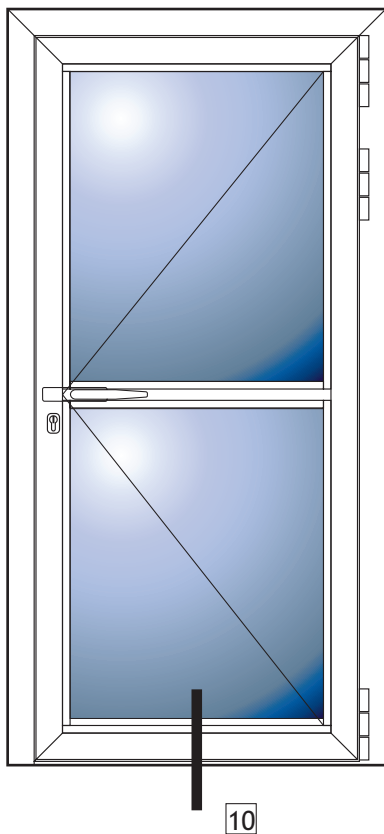
8

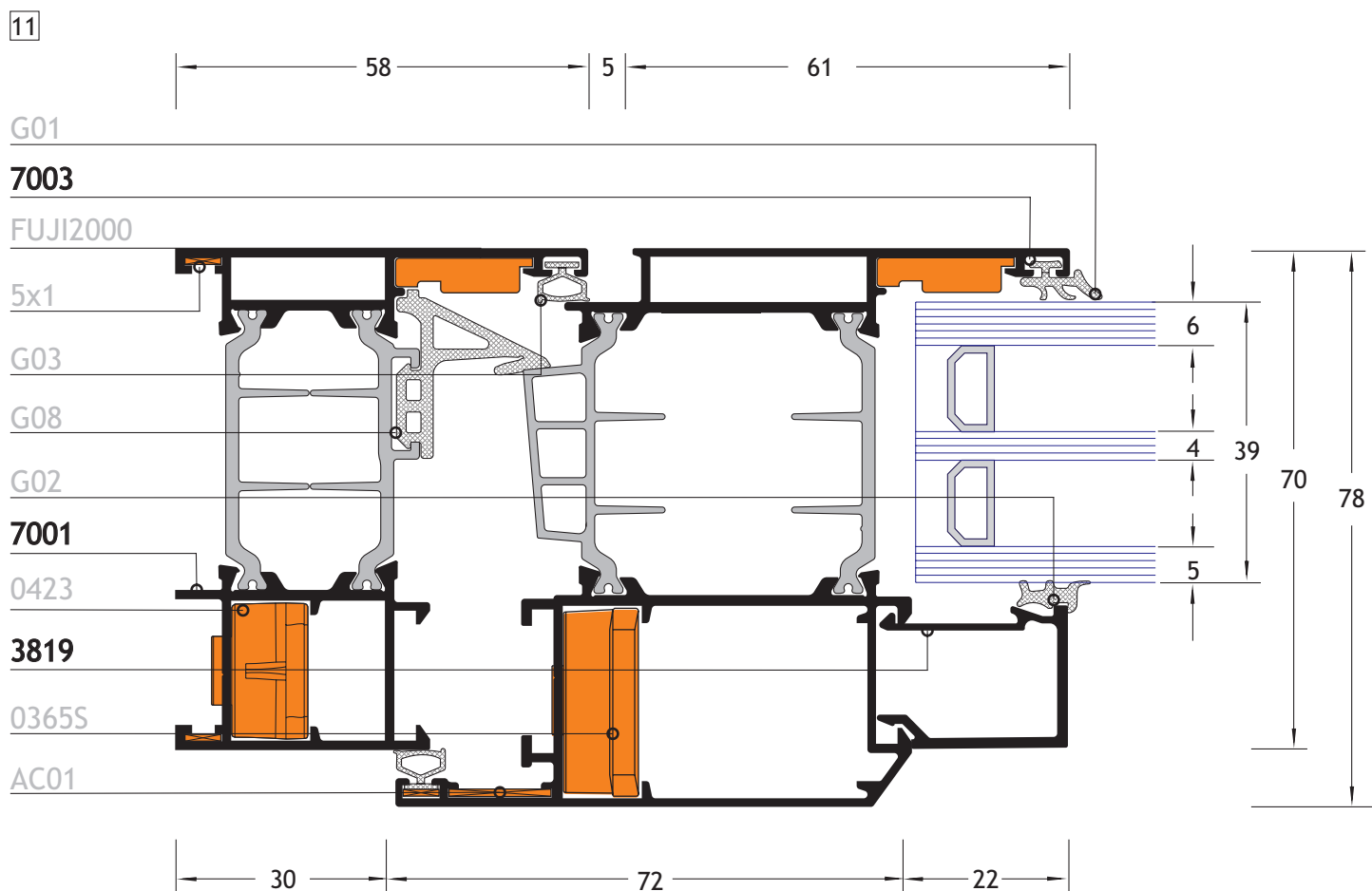
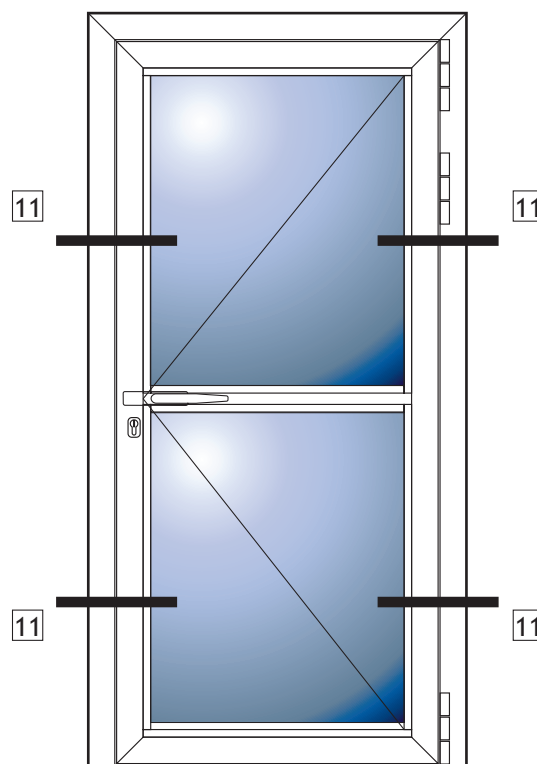


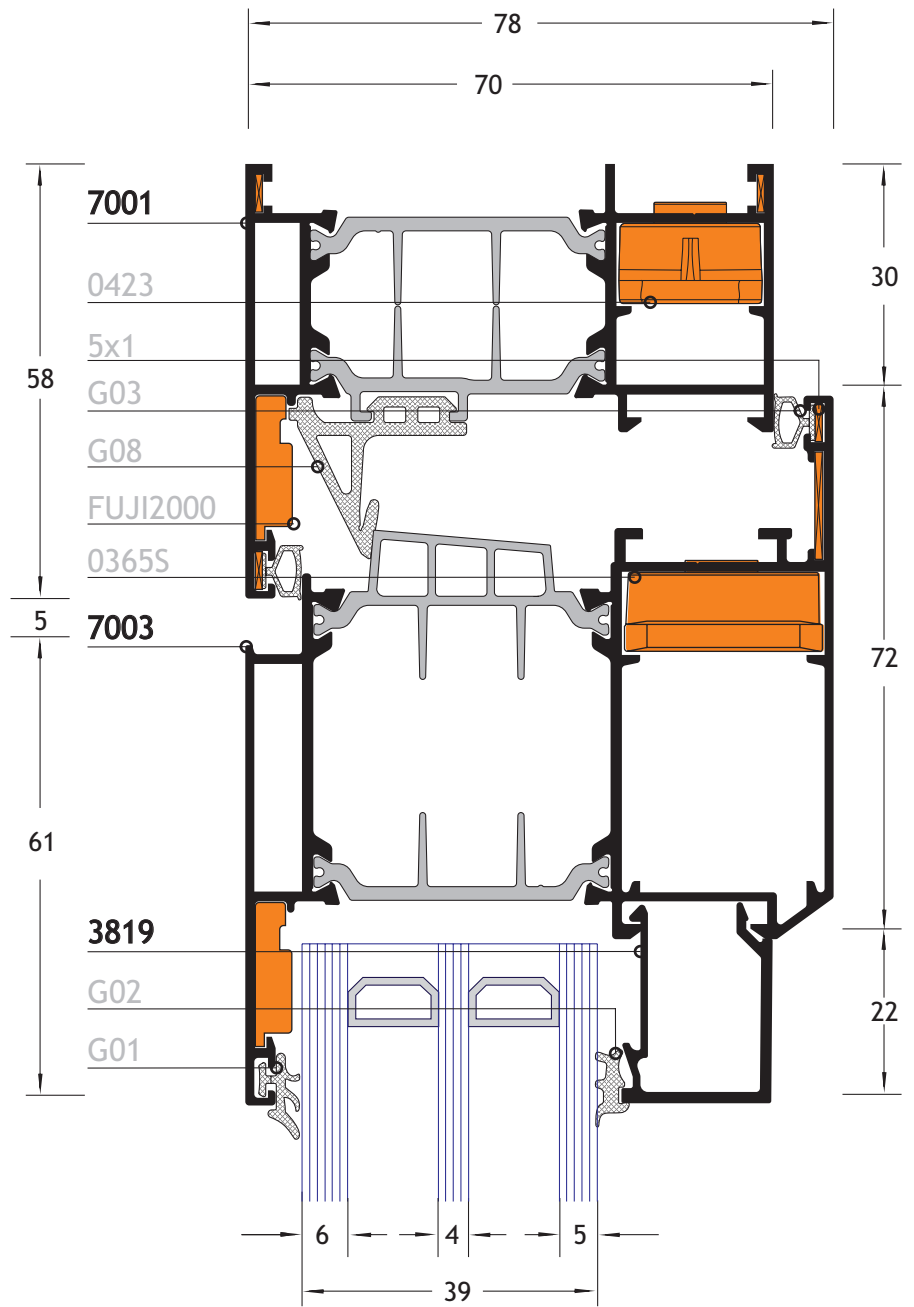
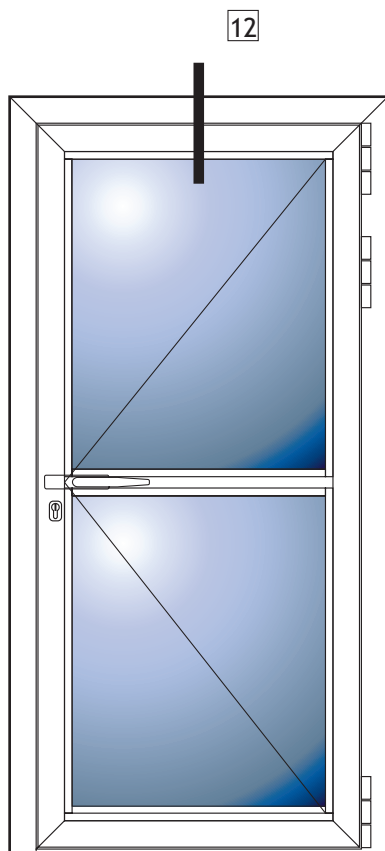


9



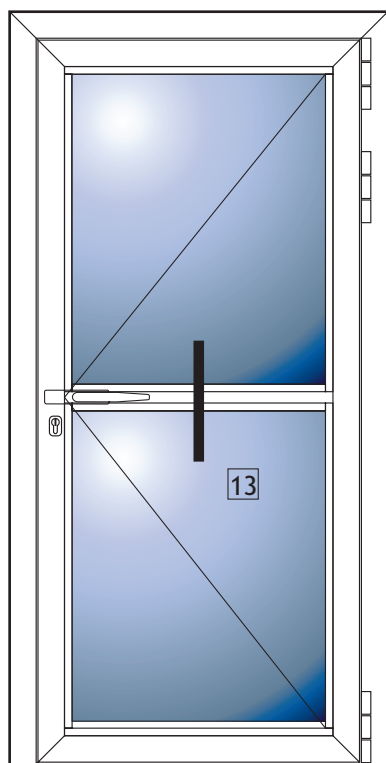
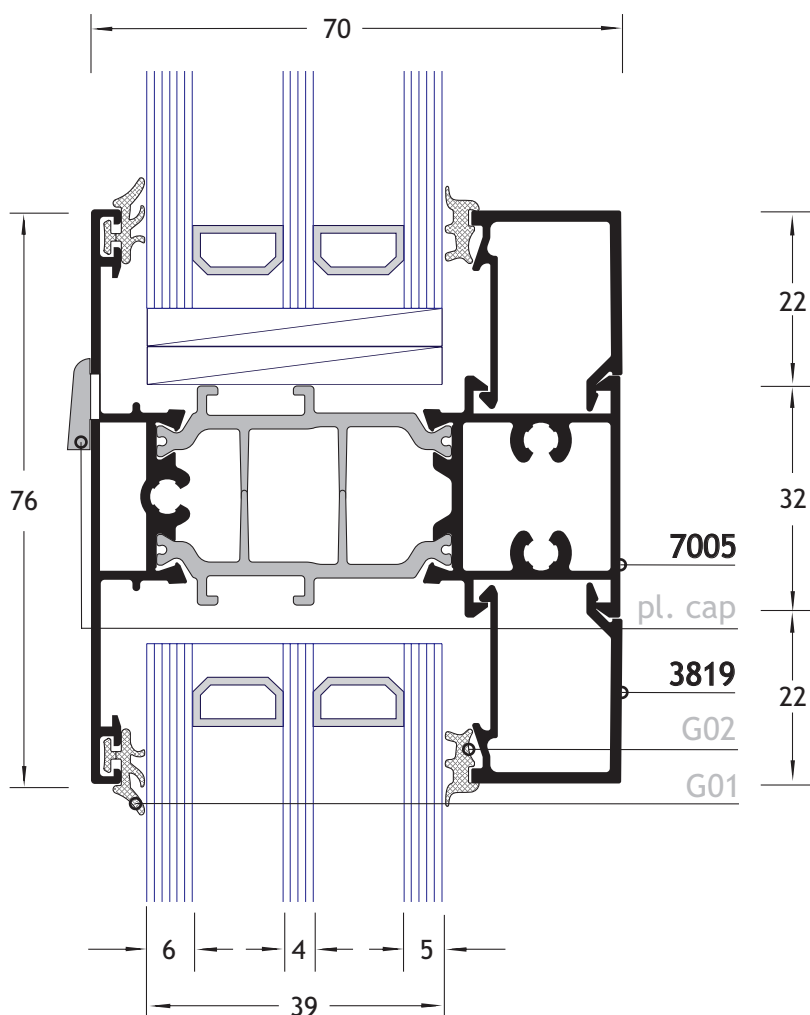




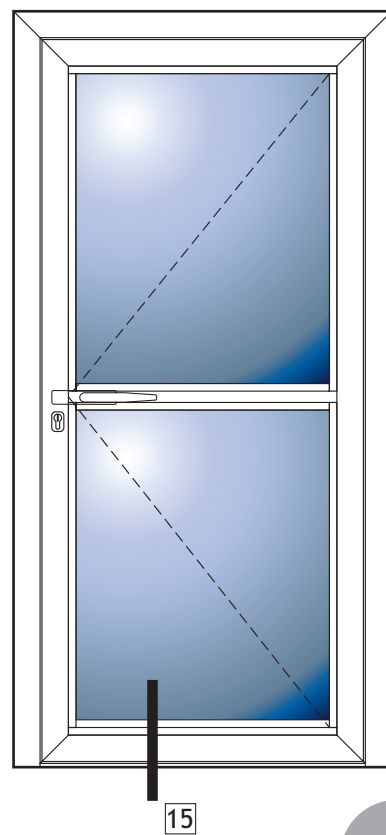
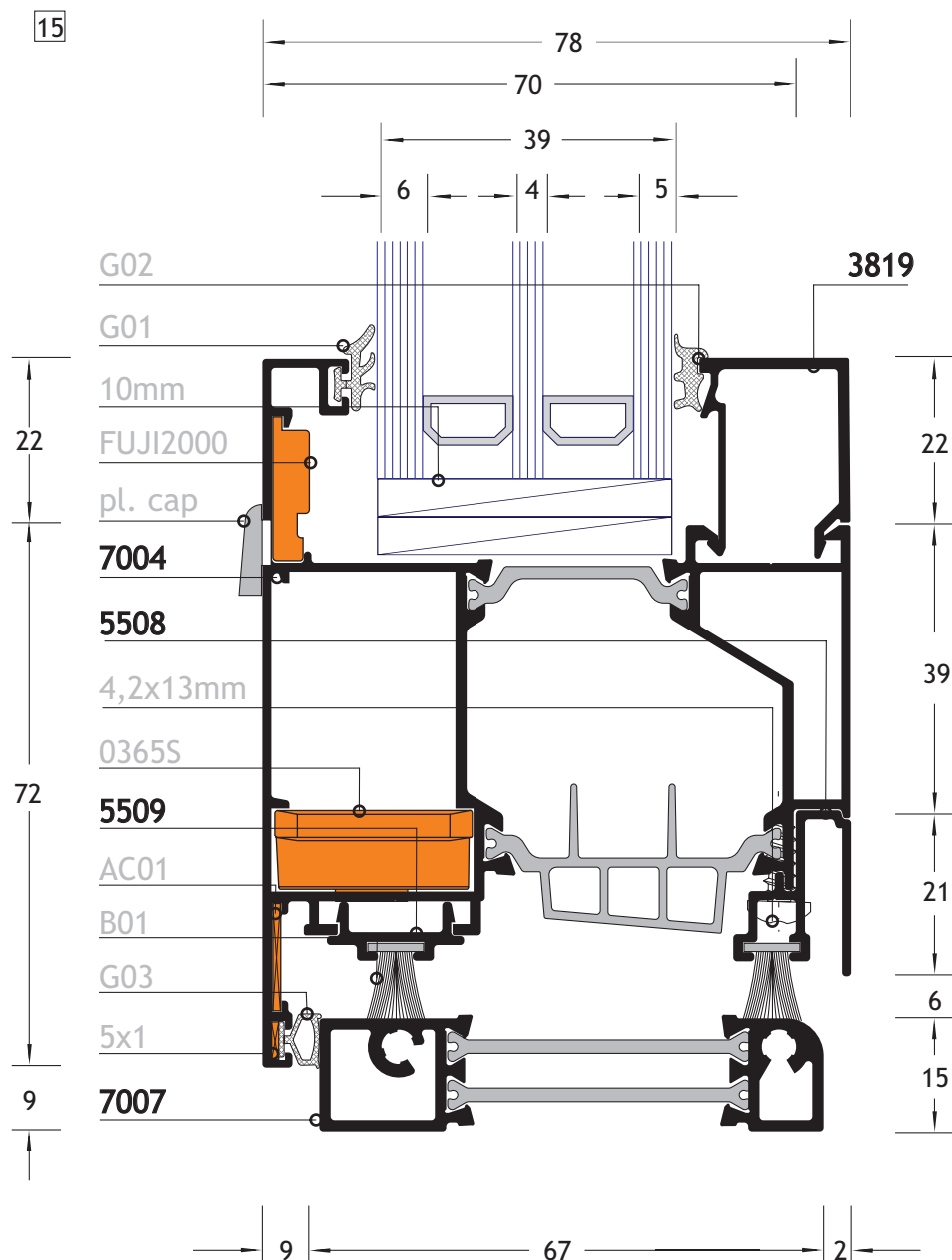


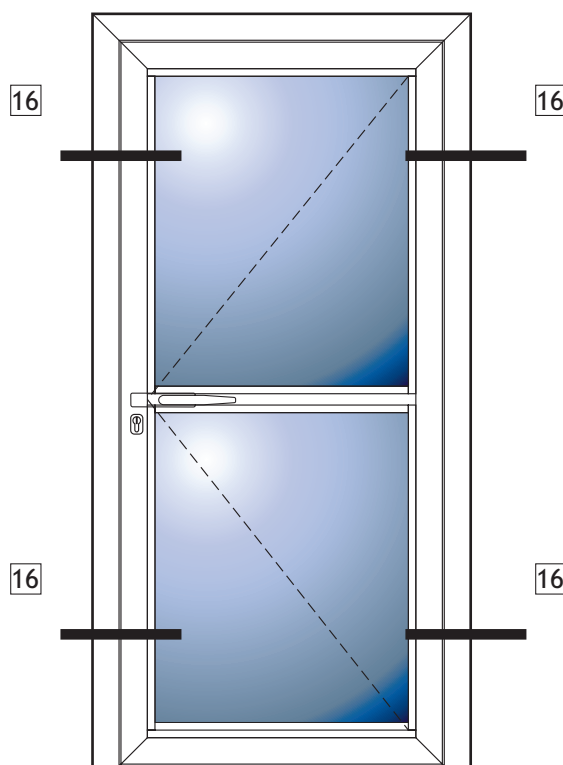
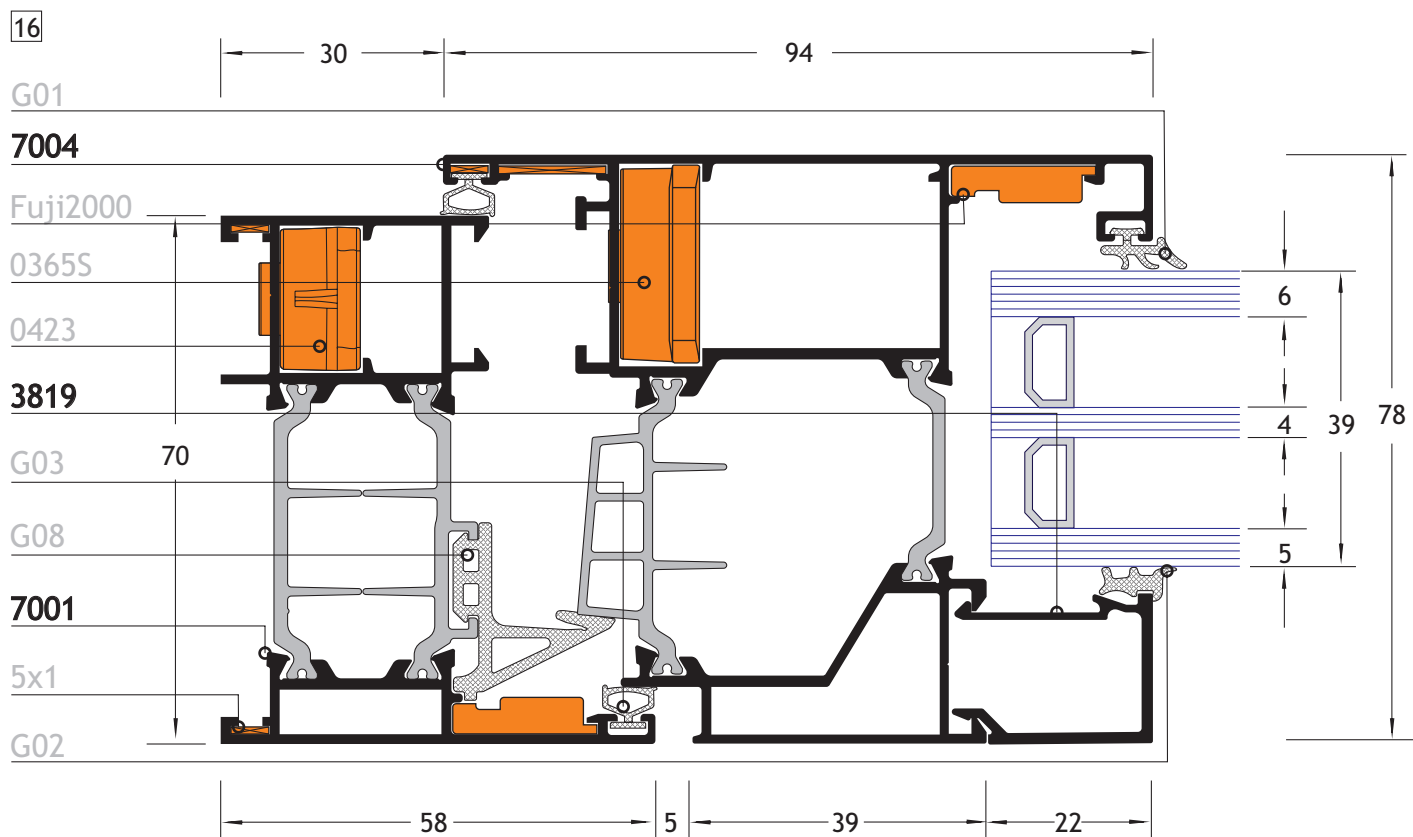


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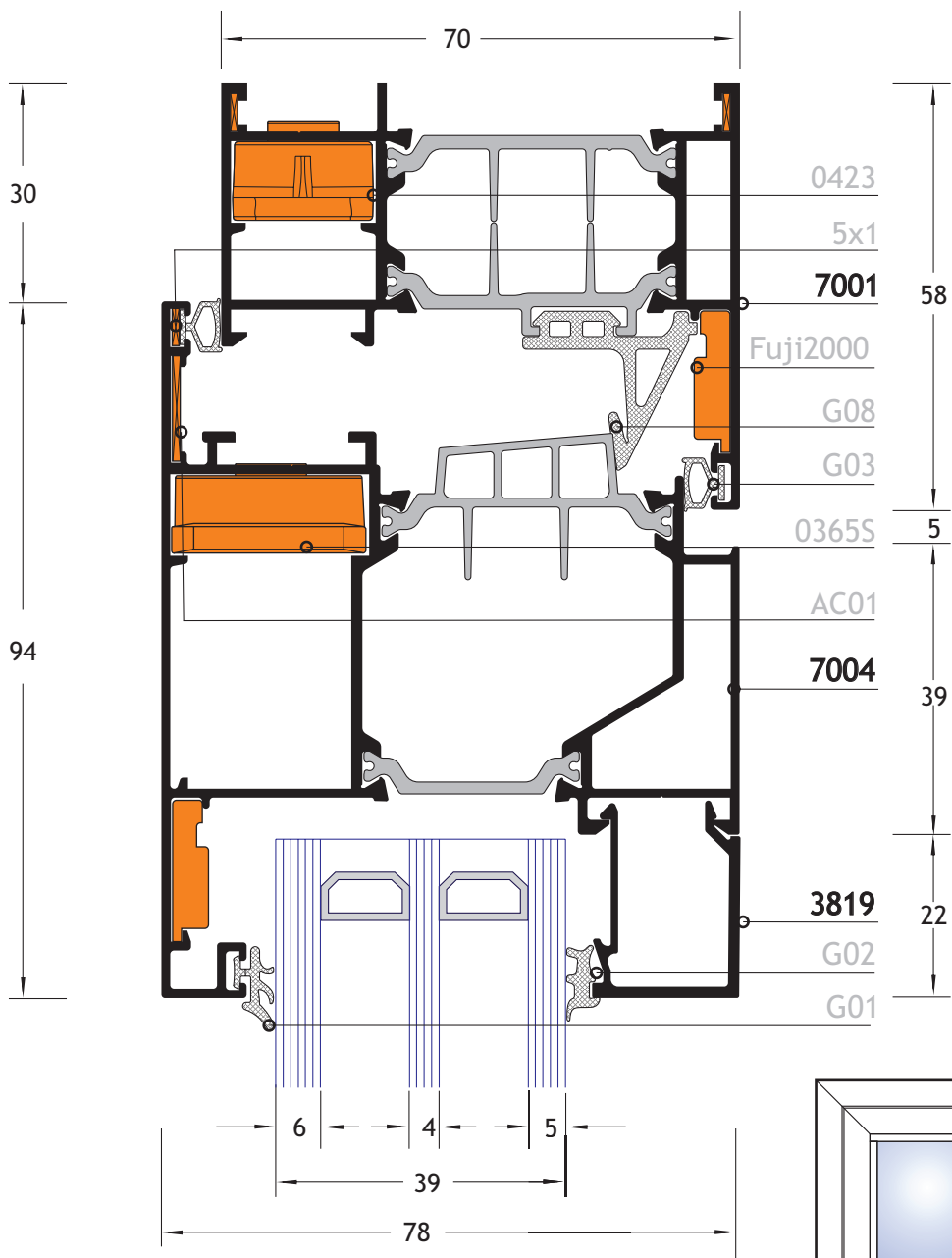




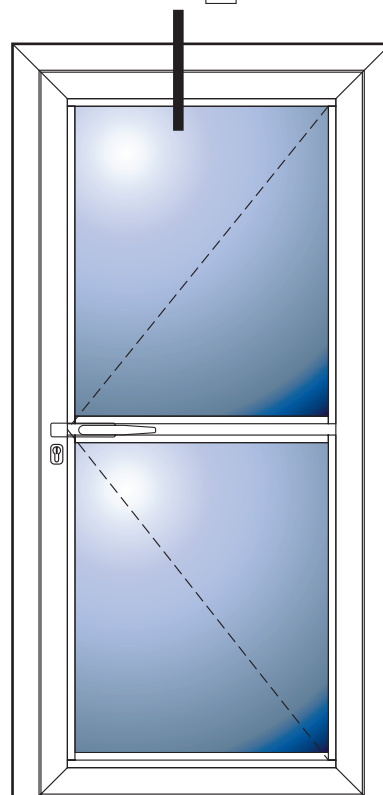


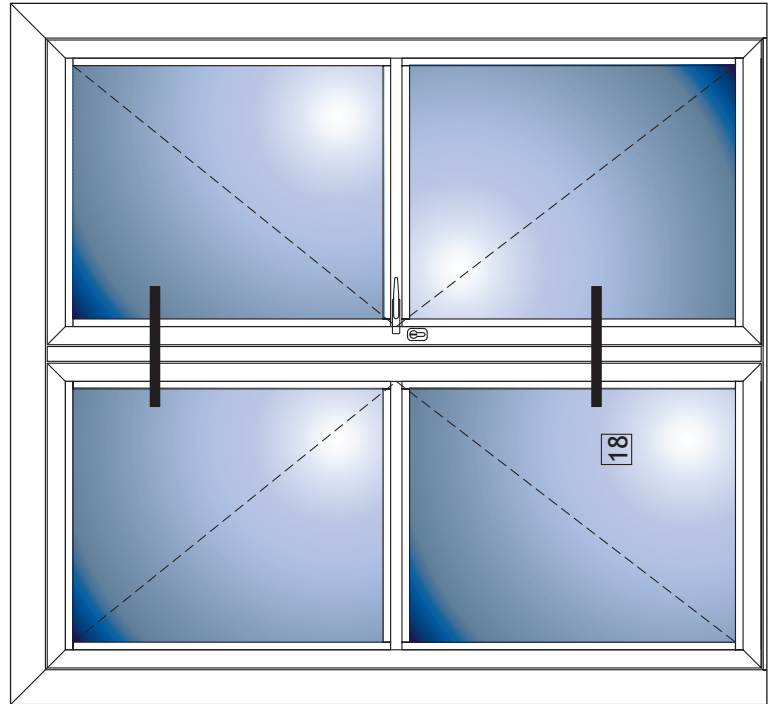
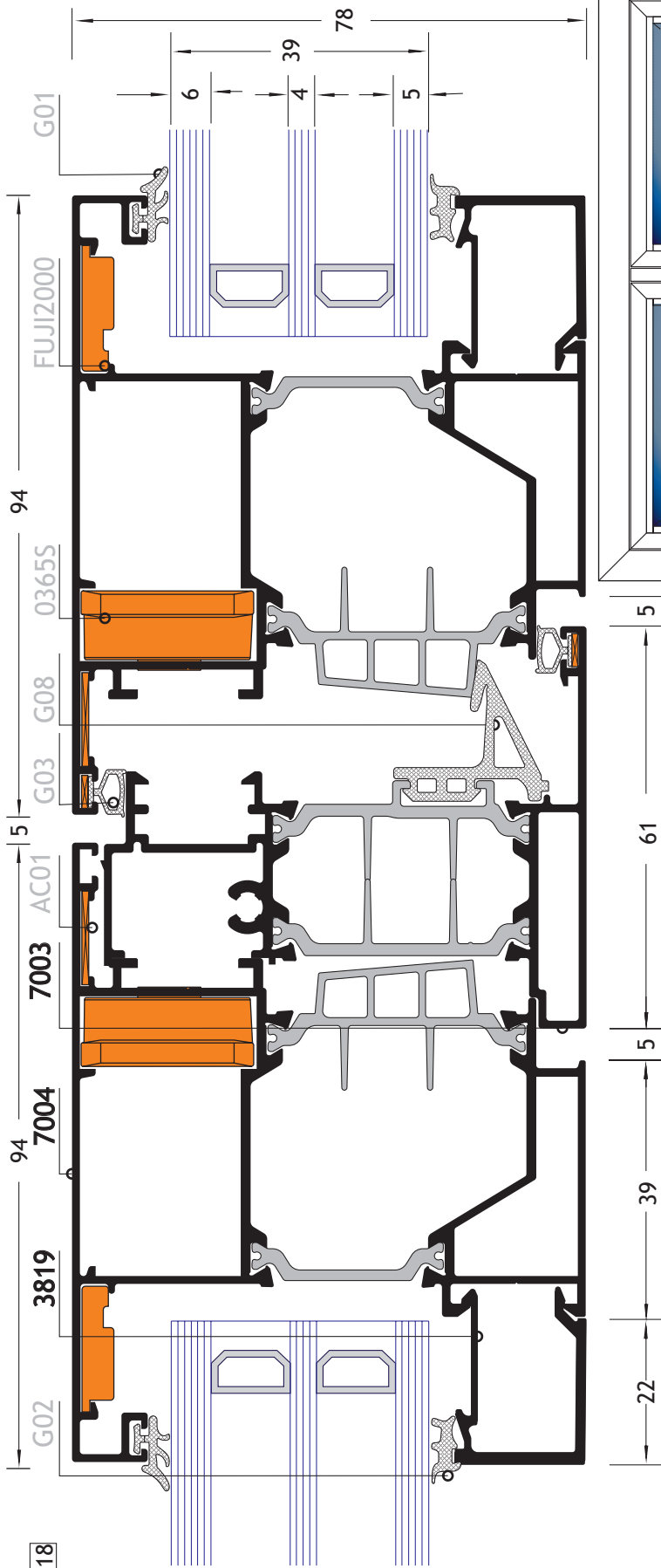


17



17

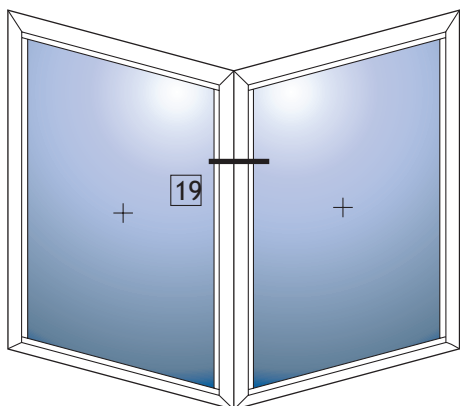




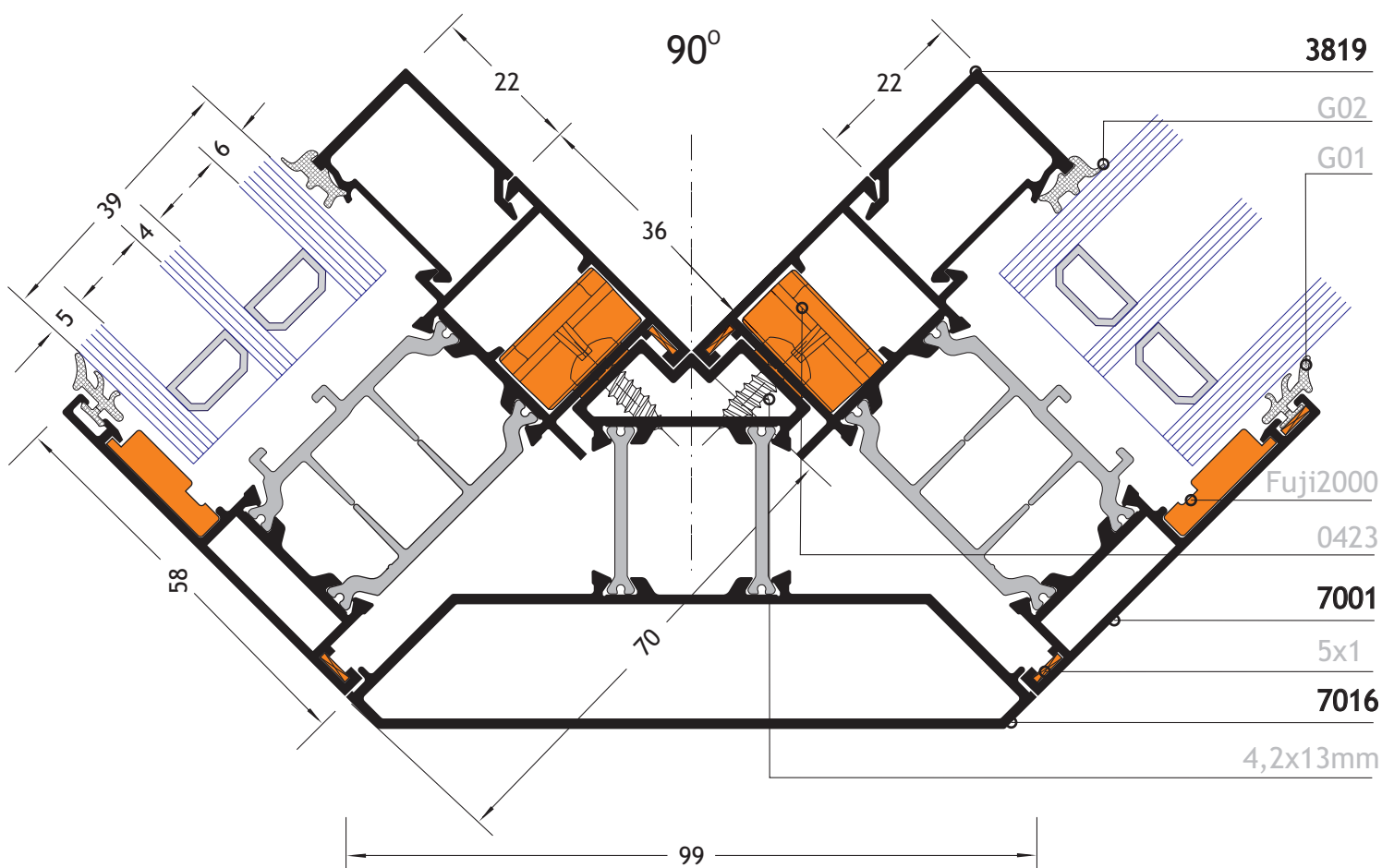
70 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 70

THERMO-BREAK  
OPENING SYSTEM TBO 70

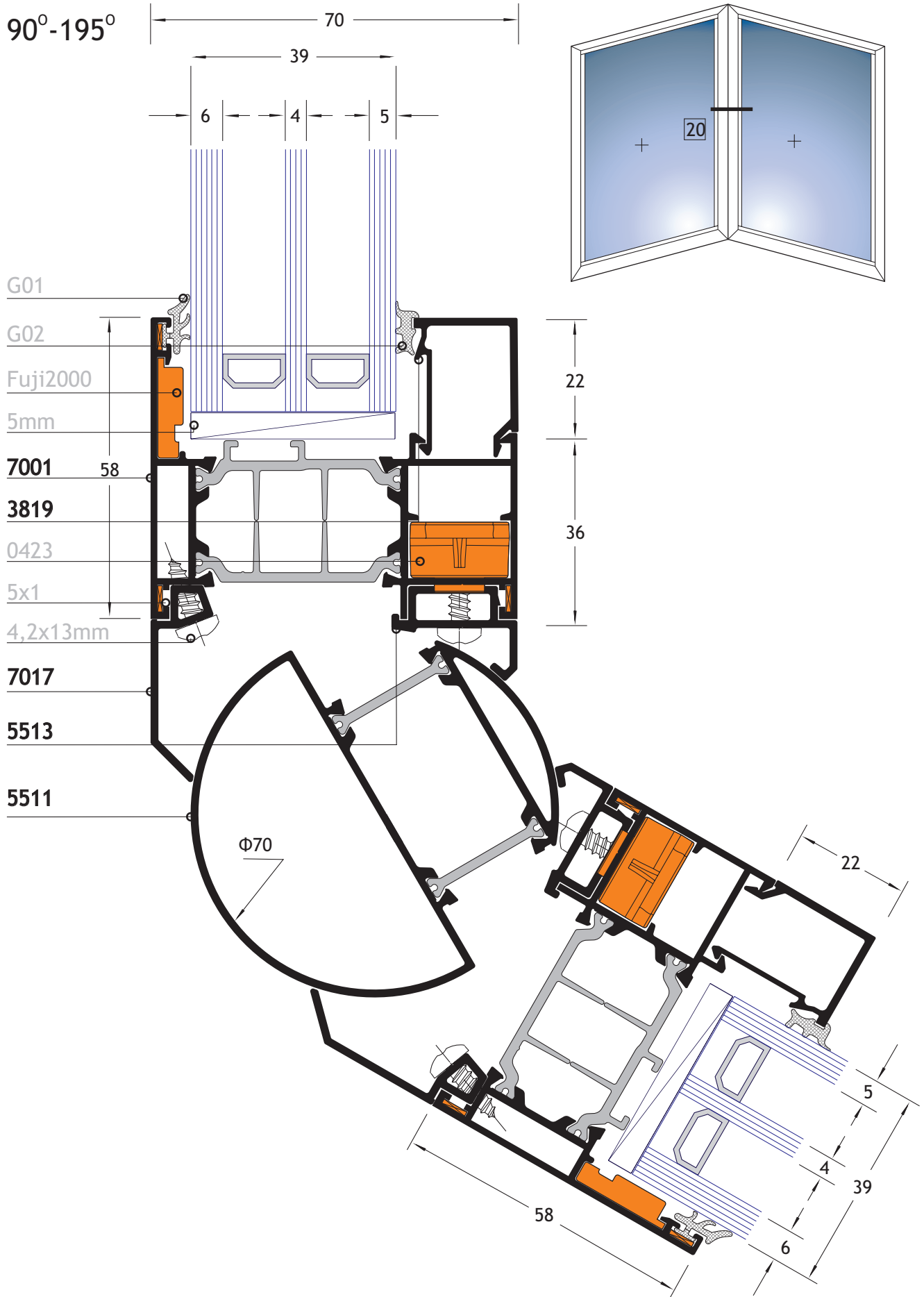


19



20

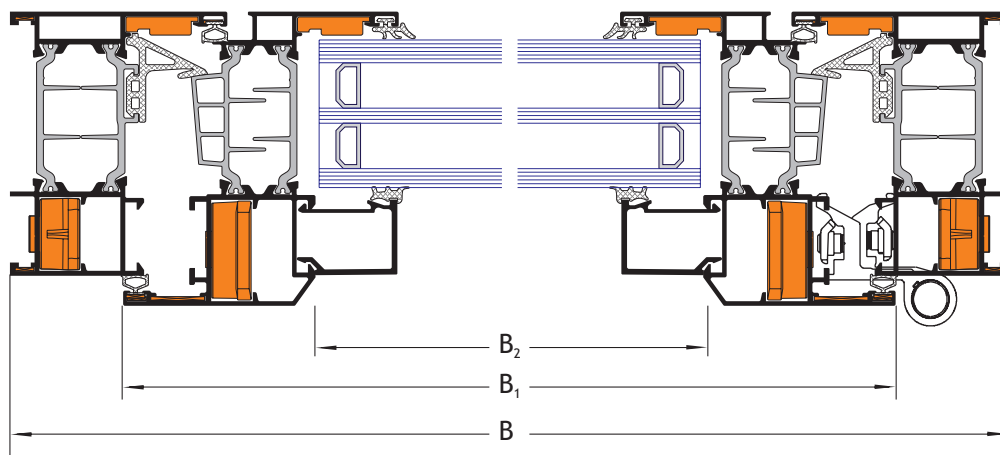
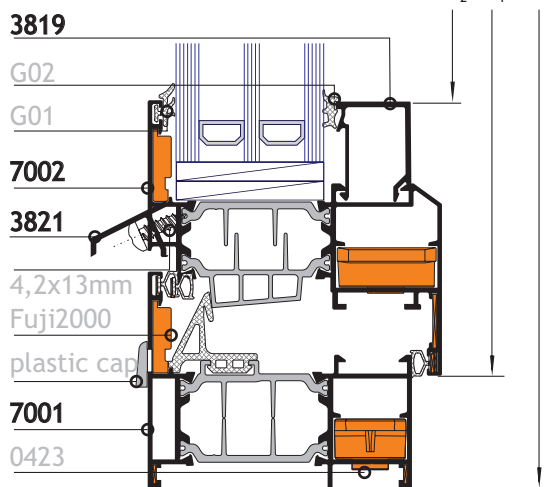
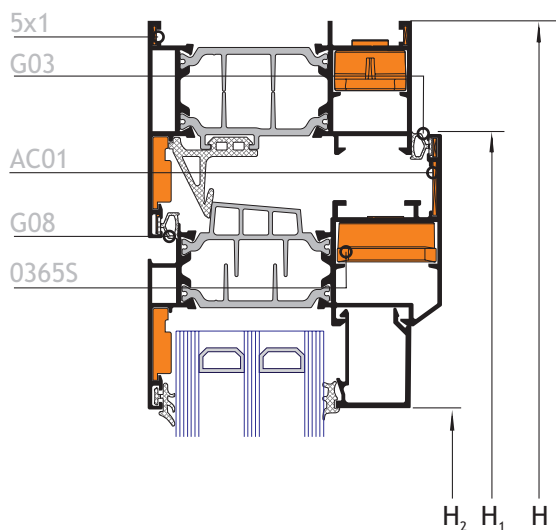
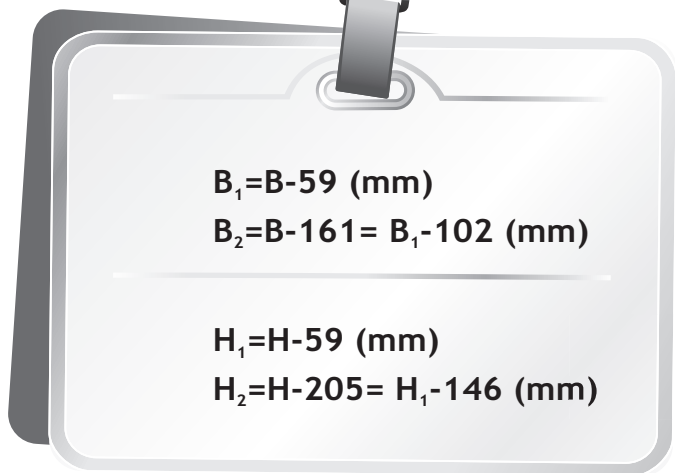
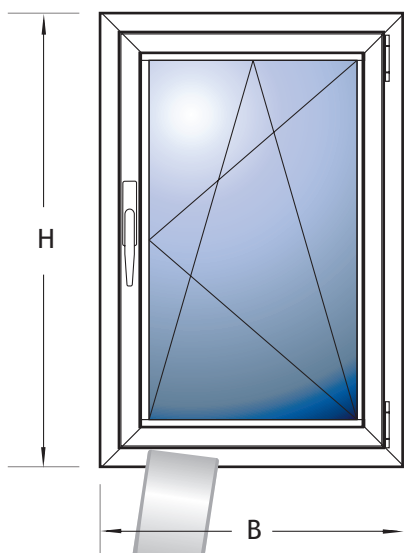
90°-195°

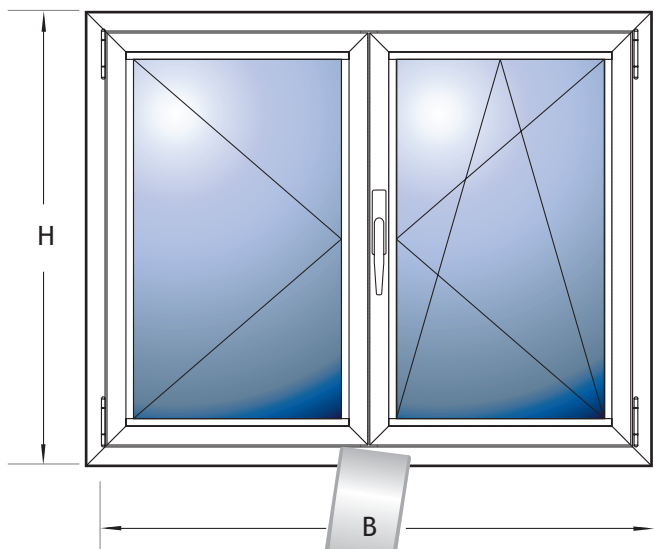


70 mm | ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ | THERMO-BREAK  
THERMO | ТЕРМИЧЕН МОСТ ТВО 70 | OPENING SYSTEM TBO 70

---



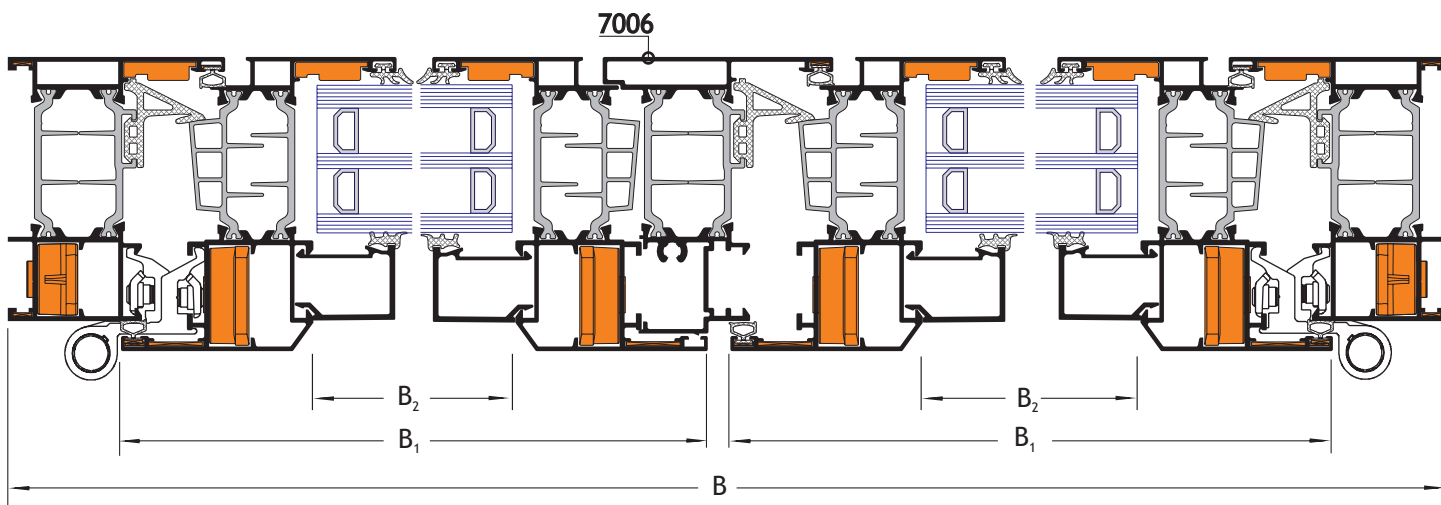
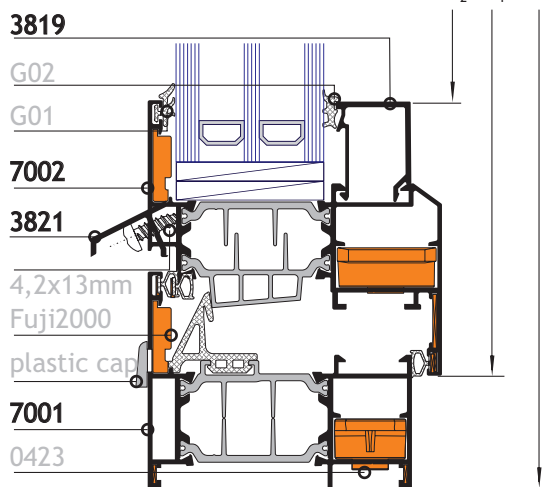
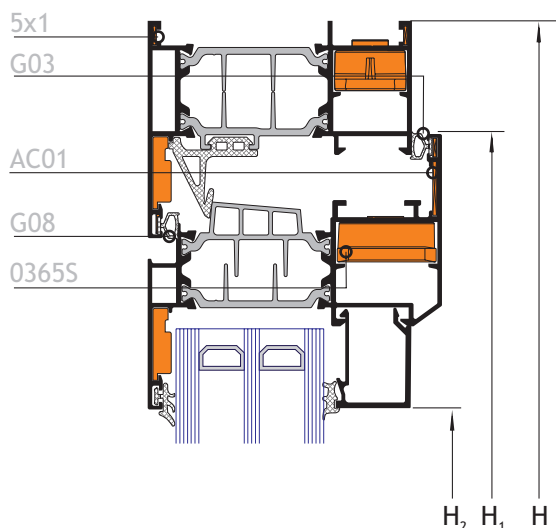


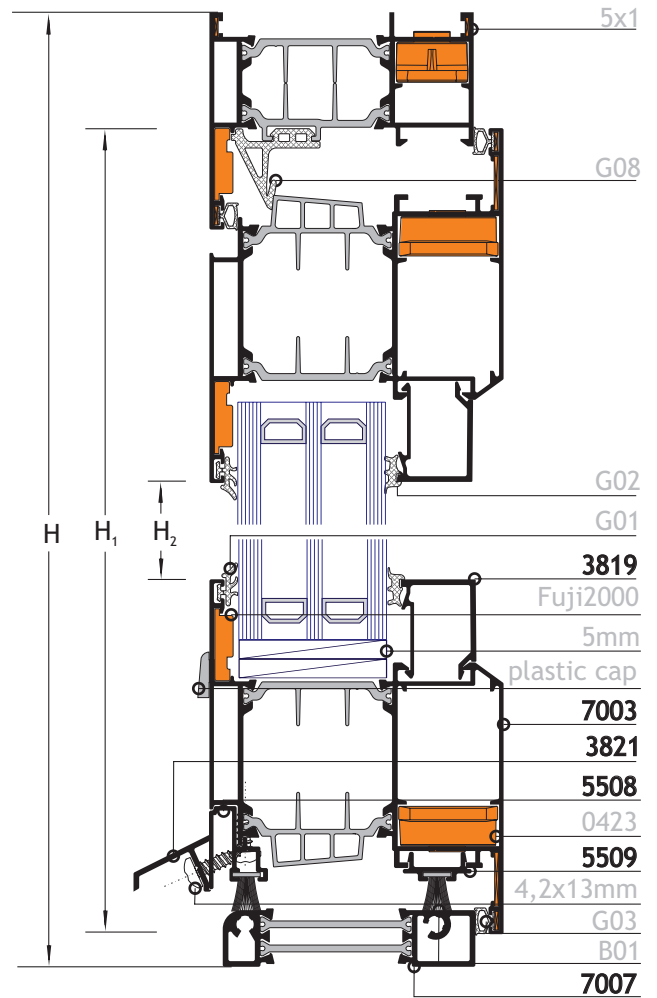
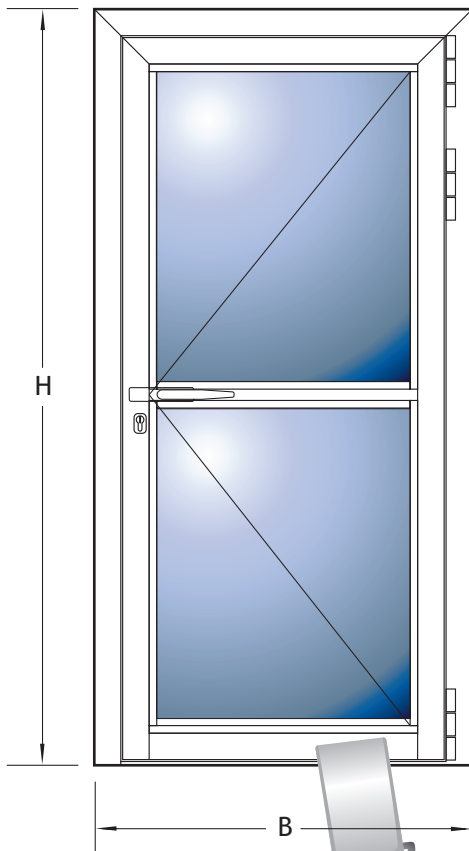


$B_1 = B/2 - 28,5 \text{ (mm)}$   
 $B_2 = B/2 - 130 = B_1 - 102 \text{ (mm)}$

---

$H_1 = H - 52 \text{ (mm)}$   
 $H_2 = H - 198 = H_1 - 146 \text{ (mm)}$



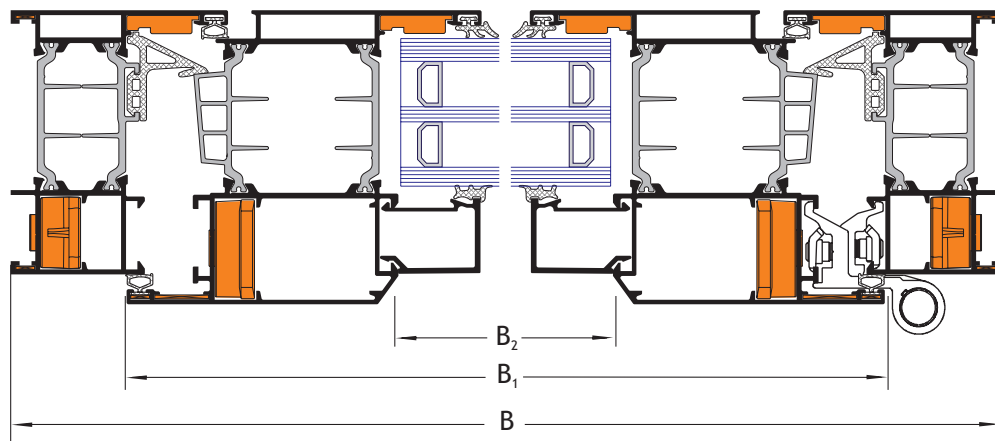


$$B_1 = B - 59 \text{ (mm)}$$

$$B_2 = B - 203 = B_1 - 144 \text{ (mm)}$$

$$H_1 = H - 39 \text{ (mm)}$$

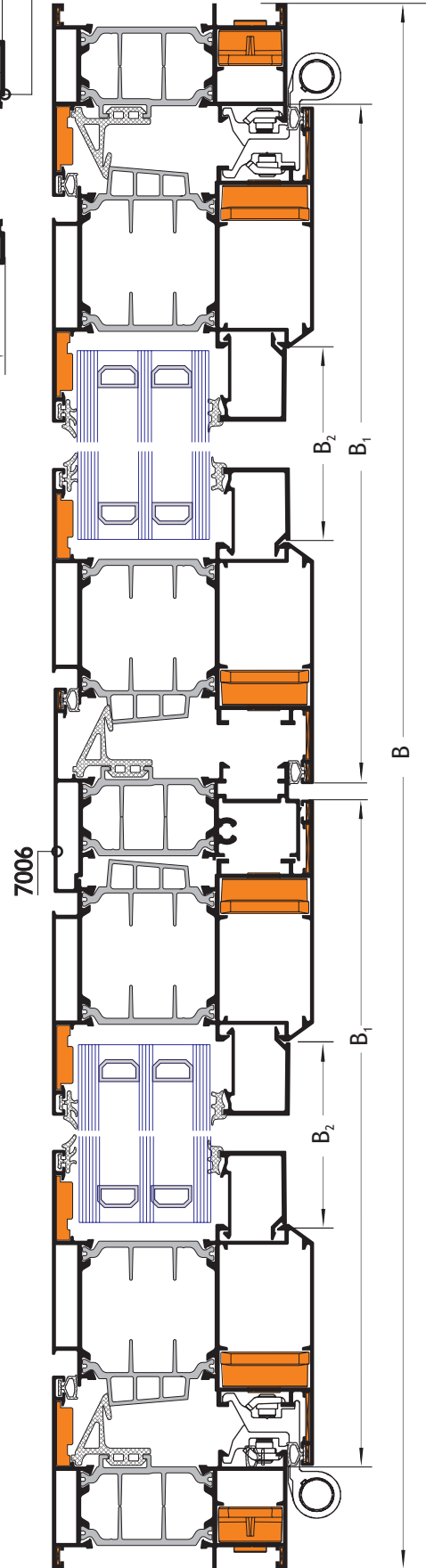
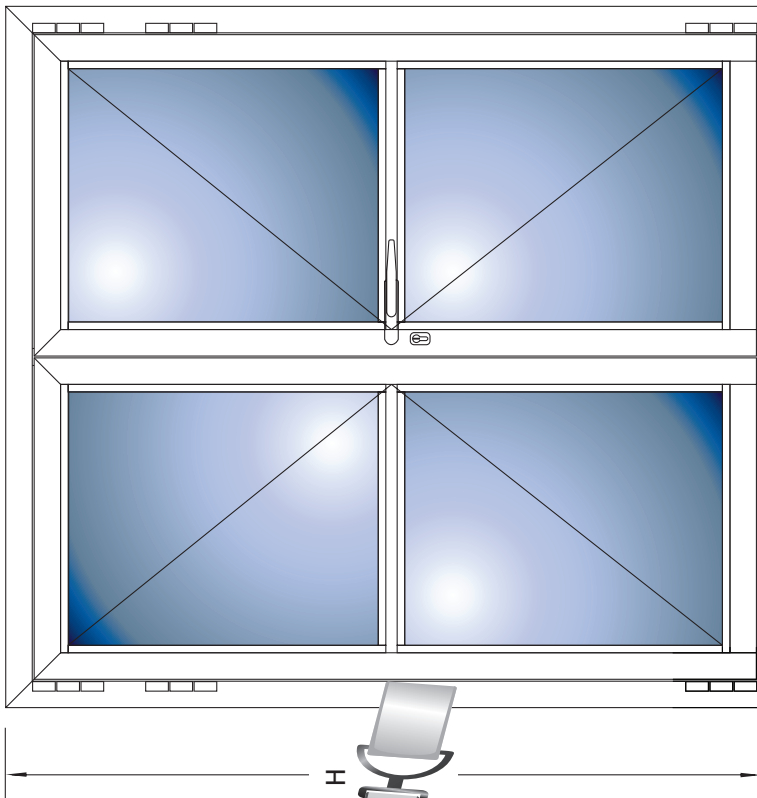
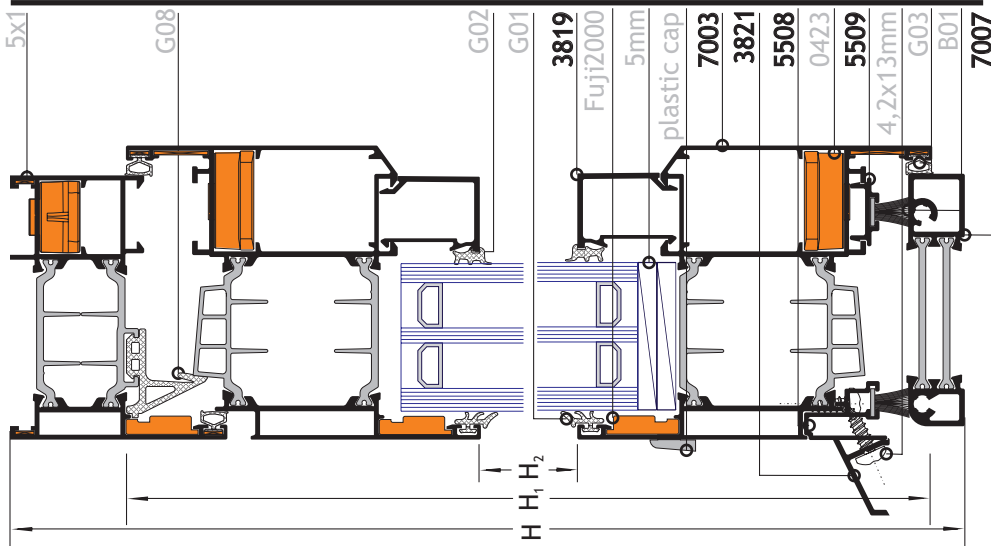
$$H_2 = H - 226 = H_1 - 188 \text{ (mm)}$$



70 mm  
THERMO

ОТВАРЯЕМА СИСТЕМА С ПРЕКЪСНАТ  
ТЕРМИЧЕН МОСТ ТВО 70

THERMO-BREAK  
OPENING SYSTEM TBO 70



$$B_1 = B/2 - 32 \text{ (mm)}$$

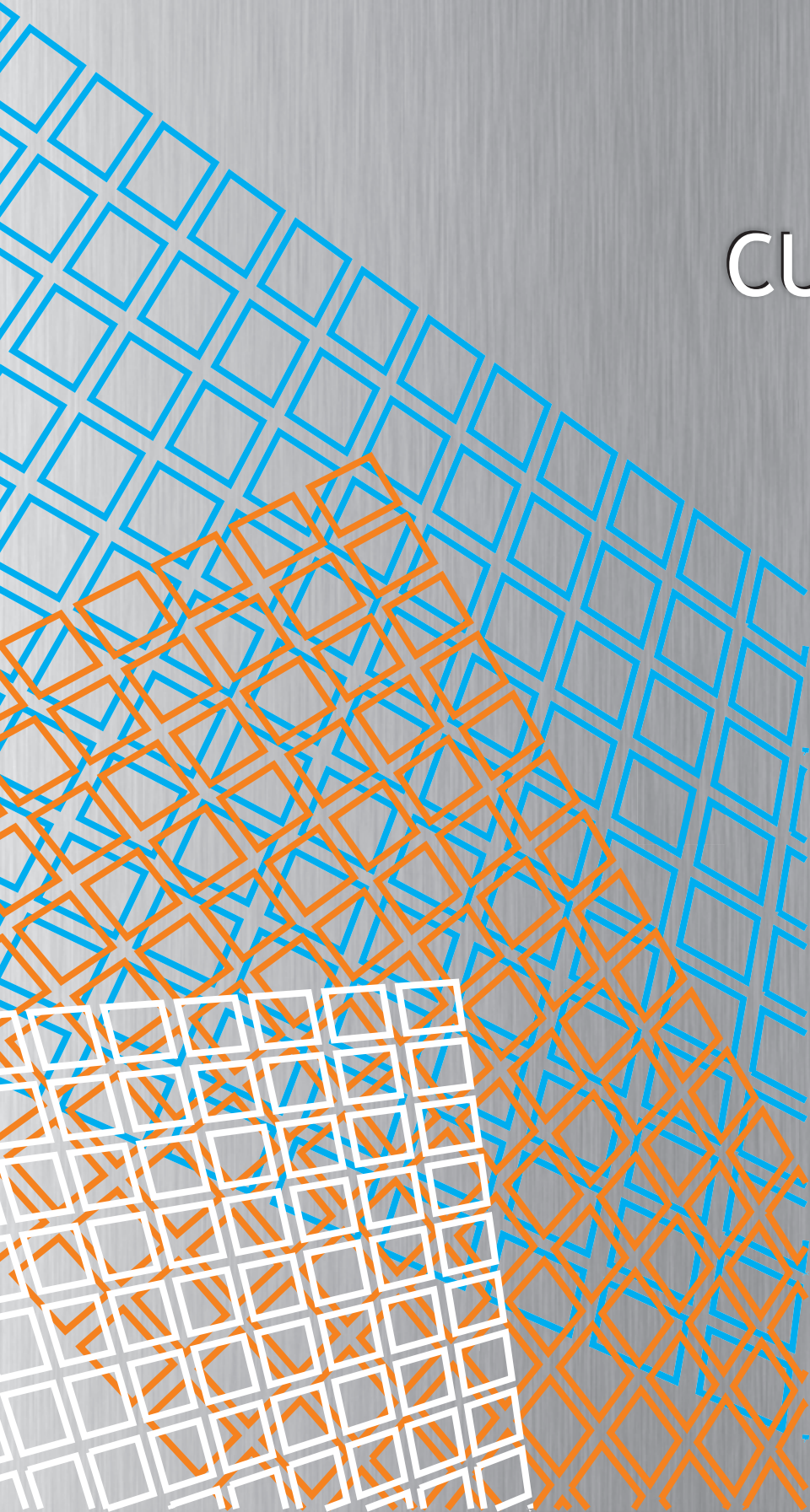
$$B_2 = B/2 - 176 = B_1 - 144 \text{ (mm)}$$

$$H_1 = H - 39 \text{ (mm)}$$

$$H_2 = H - 226 = H_1 - 188 \text{ (mm)}$$

ФАСАДНА  
СИСТЕМА

CURTAIN WALL  
SYSTEM

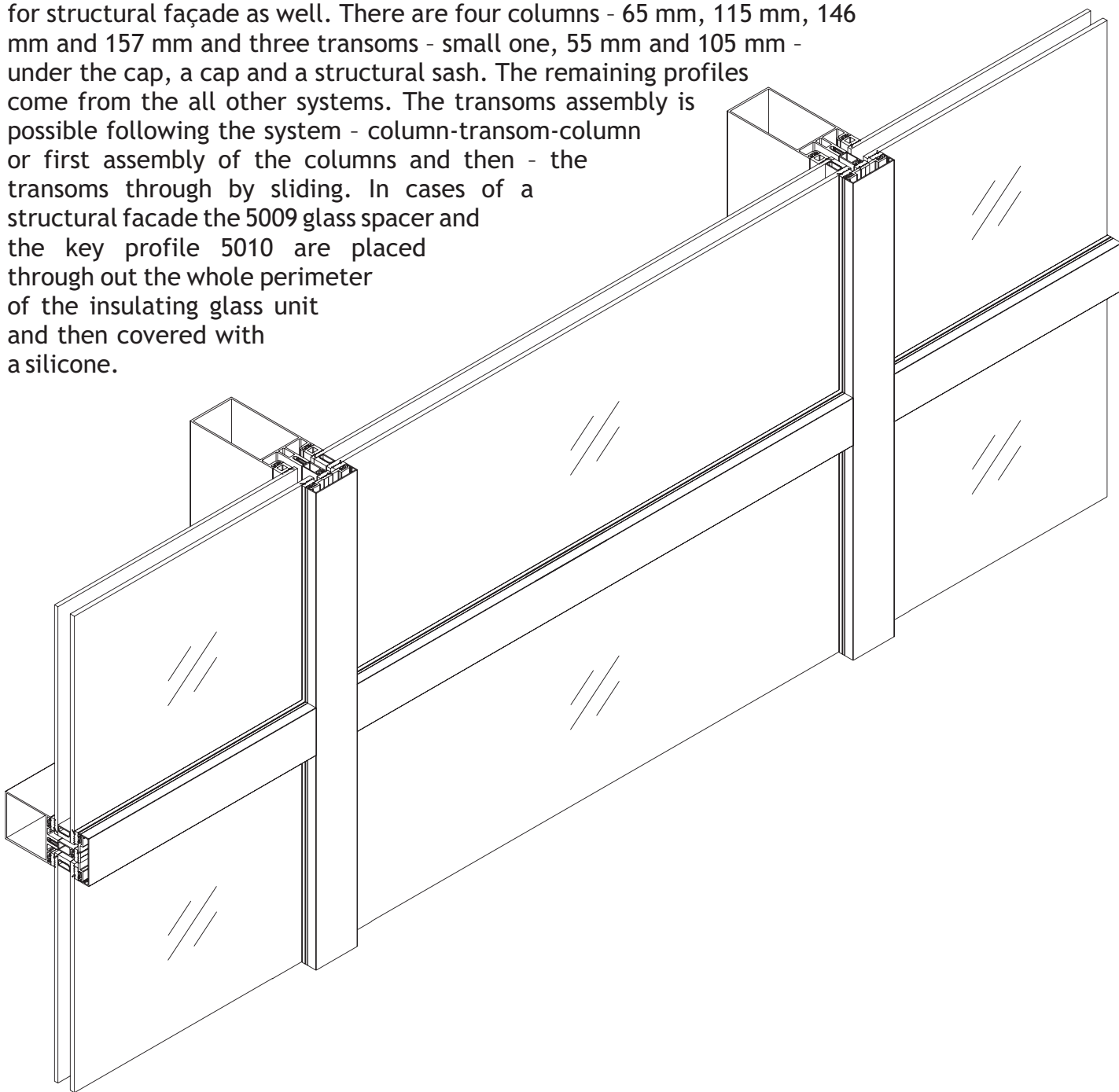



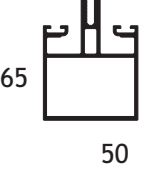

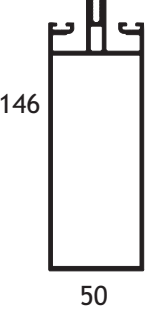
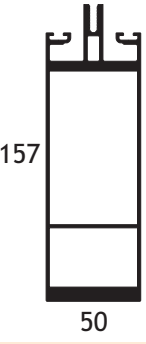

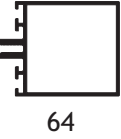
## Фасадна система 50 мм ( CW50 )


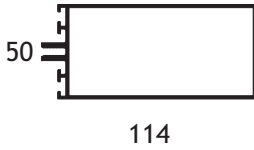


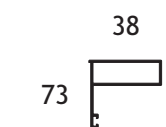

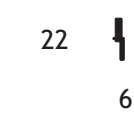
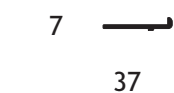
Системата е с ширина на профила 50 мм, предвидена както за стандартна капачкова фасада, така и за структурна фасада. Има четири колони - 65 мм, 115 мм, 146 мм и 157 мм и три ригела - малък, 55 мм и 105 мм - под капачката, капачка и структурно крило. Останалите профили са от другите системи. Инсталирането на ригелите е възможно както по системата колона -ригел-колона, така и инсталираме колоните и след това чрез плъзгане ригелите. При структурната фасада дистанционера 5009 и ключа за дистанционера 5010 се поставят по целият периметър на стъклопакета, след което отгоре се заливат със силикон.







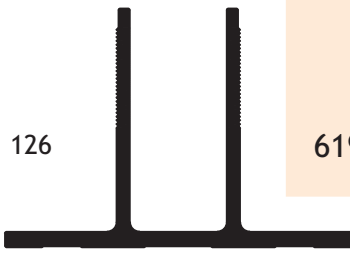
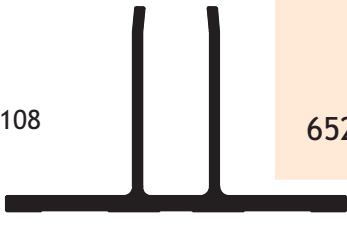
## Curtain wall system 50 mm ( CW50 )


The system profile width is 50 mm, designated for standard facade with caps and for structural façade as well. There are four columns - 65 mm, 115 mm, 146 mm and 157 mm and three transoms - small one, 55 mm and 105 mm - under the cap, a cap and a structural sash. The remaining profiles come from the all other systems. The transoms assembly is possible following the system - column-transom-column or first assembly of the columns and then - the transoms through by sliding. In cases of a structural facade the 5009 glass spacer and the key profile 5010 are placed through out the whole perimeter of the insulating glass unit and then covered with a silicone.



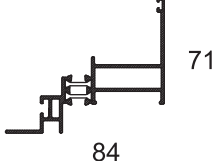
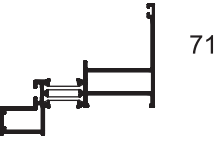
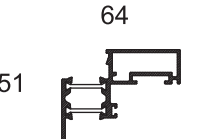
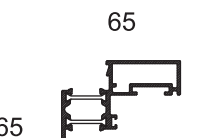
ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
5001 	1516	21,65	15,37	395	КОЛОНА MULLION	186
5002 	1975	104,60	25,29	495	КОЛОНА MULLION	186
5018 	2284	202,55	31,61	557	КОЛОНА MULLION	187
5015 	3707	427,49	42,65	579	КОЛОНА MULLION	187
5003 	561	3,42	0,32	218	РИГЕЛ TRANSOM	188
5004 	1213	14,49	21,08	316	РИГЕЛ TRANSOM	188

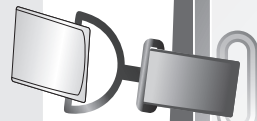
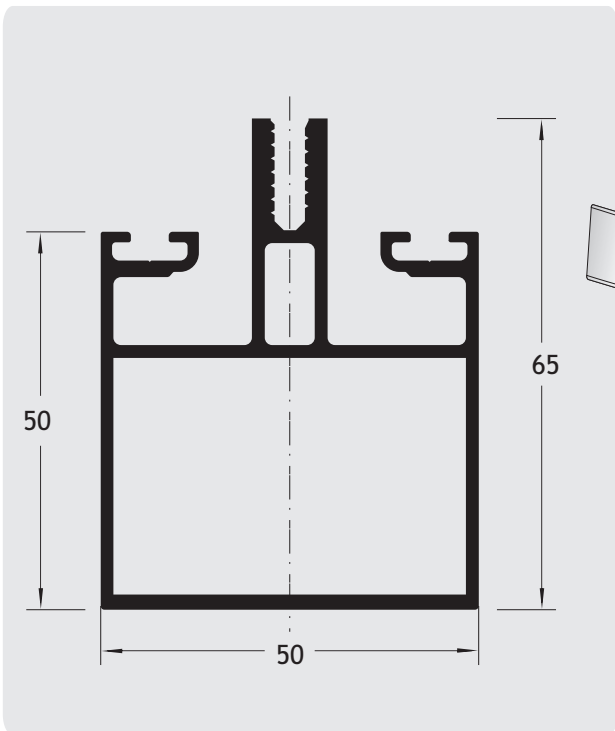
ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
5005  50 114	1672	24,42	96,38	416	РИГЕЛ TRANSOM	189
5006  13 50	384	0,05	2,83	139	ПОДКАПАЧКА PRESSURE PLATE	190
5007  6 48	208	0,10	2,65	154	ДЕКОРАТИВНА КАПАЧКА BEAUTY CAP	190
5008  73 38	416	1,59	2,82	162	СТРУКТУРНО КРИЛО STR. SASH	191
5009  14 7	128	-	-	65	ДИСТАН- ЦИОНЕР GLASS SPACER	191
5010  22 6	149	-	-	55	КЛЮЧ ЗА ДИСТАН- ЦИОНЕР KEY PROFILE	192
5011  7 37	225	-	-	84	НОСАЧ ЗА СЪКЛО GLASS HOLDER	192

ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
5016 80  46	1632	52,30	21,45	251	СНАДКА INSERT PROFILE	193
5017 30  46	957	5,09	9,83	151	СНАДКА INSERT PROFILE	193
5012 39  3	322	-	-	83	ЩИПКА ЗА КОНЗОЛА ACCESSORIE PROFILE	194
5013 46  27	904	-	-	238	КОНЗОЛА ACCESSORIE PROFILE	194
5014 23  24	483	-	-	108	СВЪРЗВАЩ ПРОФИЛ ADJOINING PROFILE	194
5019 126  183	6199	-	-	866	ПЛАНКА FIXING BRACKETS	195
5024 108  180	6521	-	-	108	ПЛАНКА FIXING BRACKETS	195

ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ (cm <sup>4</sup> ) $J_y$	Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
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**ПРОФИЛИ ЗА ПРОЗОРЕЦ - ОТВАРЯНЕ НАВЪН**  
**FRAME AND SASH PROFILES FOR OUTWARDS PROJECTING WINDOW**

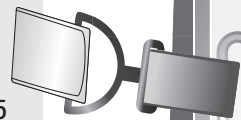
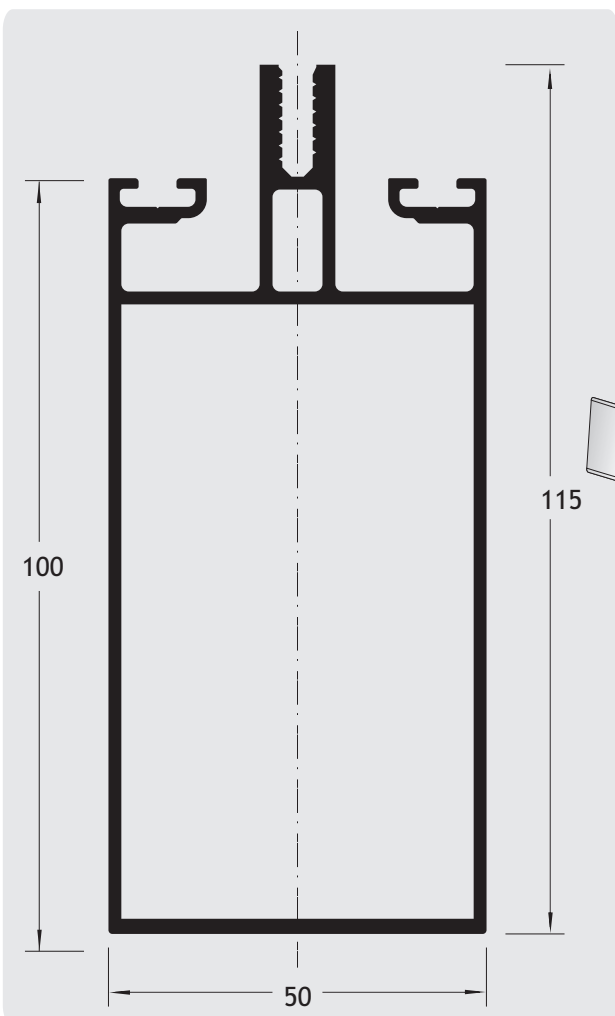
5020		1221	10,77	26,42	392	КАСА ЗА ПРОЗОРЕЦ ОТВАРЯНЕ НАВЪН  FRAME FOR OUTWARDS PROJECTING WINDOW	196
5022		1286	10,90	36,38	383	КАСА ЗА ПРОЗОРЕЦ ОТВАРЯНЕ НАВЪН  FRAME FOR OUTWARDS PROJECTING WINDOW	196
5021		1139	7,05	18,34	299	КРИЛО ЗА ПРОЗОРЕЦ ОТВАРЯНЕ НАВЪН  SASH FOR OUTWARDS PROJECTING WINDOW	197
5023		1204	10,33	19,82	319	КРИЛО ЗА ПРОЗОРЕЦ ОТВАРЯНЕ НАВЪН  SASH FOR OUTWARDS PROJECTING WINDOW	197



КОЛОНА MULLION	5001
ТЕГЛО / WEIGHT (gr/m)	W=1516
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =21,65
	J <sub>y</sub> =15,37
Периметър / Perimeter (mm)	P=395

#### Акcesoари / Accessories

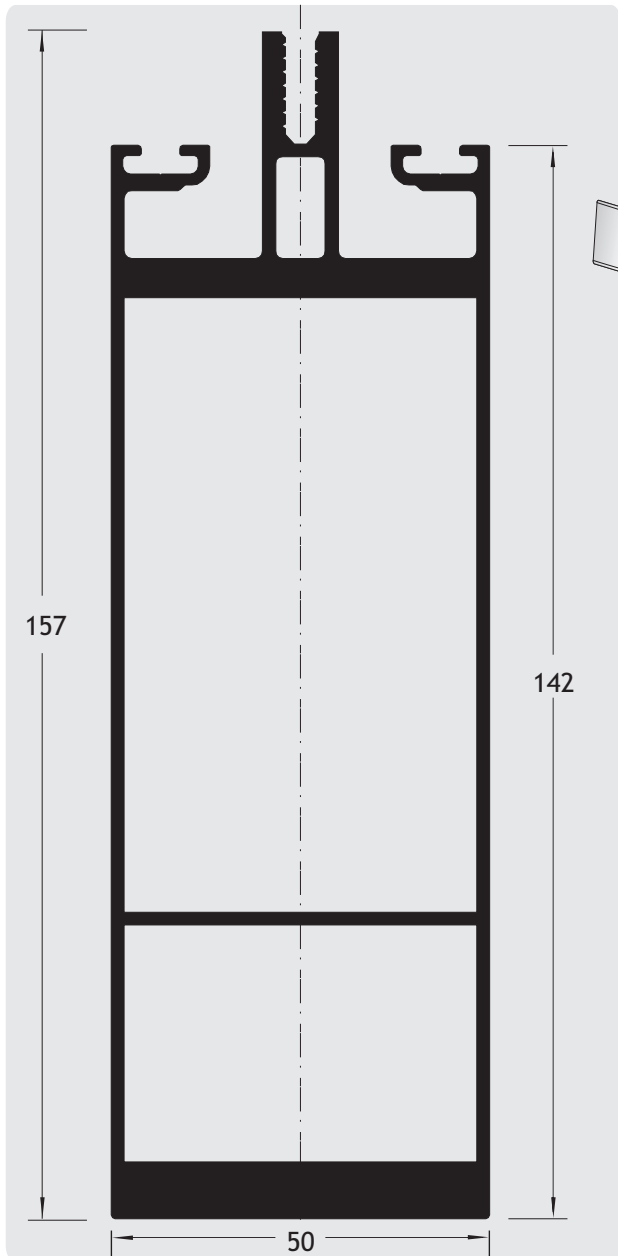
снадка / insert	5017
уплътнители gaskets	G06,G07



КОЛОНА MULLION	5002
ТЕГЛО / WEIGHT (gr/m)	W=1975
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =104,60
	J <sub>y</sub> =25,29
Периметър / Perimeter (mm)	P=495

#### Акcesoари / Accessories

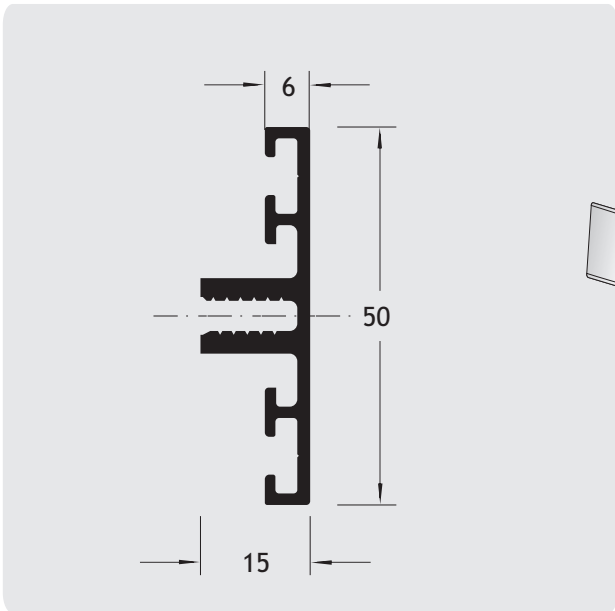
снадка / insert	5016
уплътнители gaskets	G06,G07



КОЛОНА MULLION	5015
ТЕГЛО / WEIGHT (gr/m)	W=3707
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =427,49
	J <sub>y</sub> =42,65
Периметър / Perimeter (mm)	P=579
<b>Акcesoари / Accessories</b>	
снадка / insert	5016,5017
уплътнители gaskets	G06,G07



КОЛОНА MULLION	5018
ТЕГЛО / WEIGHT (gr/m)	W=2284
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =202,55
	J <sub>y</sub> =31,61
Периметър / Perimeter (mm)	P=557
<b>Акcesoари / Accessories</b>	
снадка / insert	5016,5017
уплътнители gaskets	G06,G07



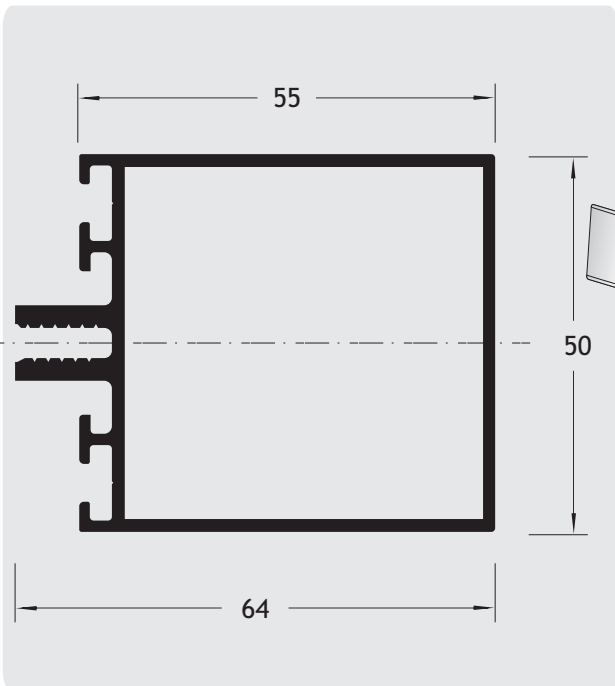
<b>РИГЕЛ TRANSOM</b>	<b>5003</b>
ТЕГЛО / WEIGHT (gr/m)	W=208
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =3,42
	J <sub>y</sub> =0,32
Периметър / Perimeter (mm)	P=218

#### Акcesoари / Accessories

снадка / insert

уплътнители  
gaskets

G06, G07



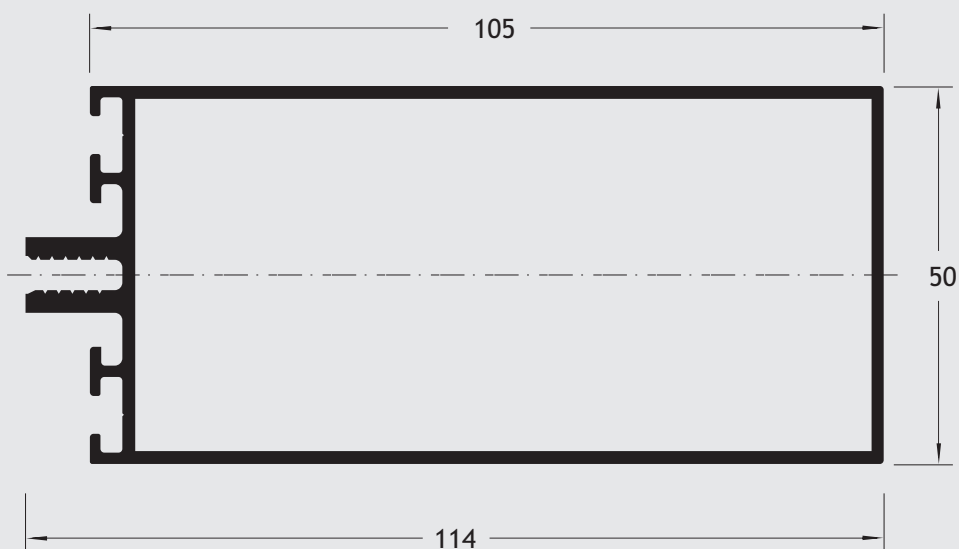
<b>РИГЕЛ TRANSOM</b>	<b>5004</b>
ТЕГЛО / WEIGHT (gr/m)	W=1213
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =14,49
	J <sub>y</sub> =21,08
Периметър / Perimeter (mm)	P=316

#### Акcesoари / Accessories

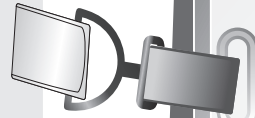
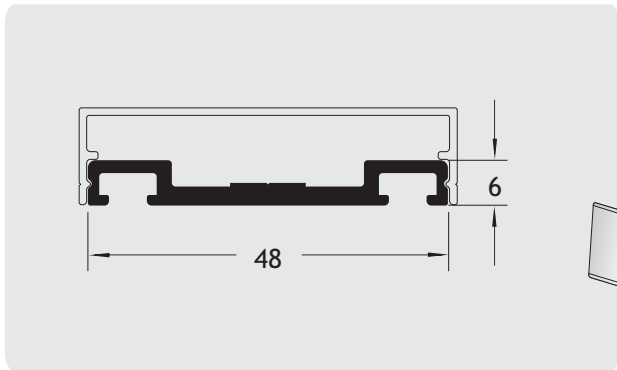
снадка / insert

уплътнители  
gaskets

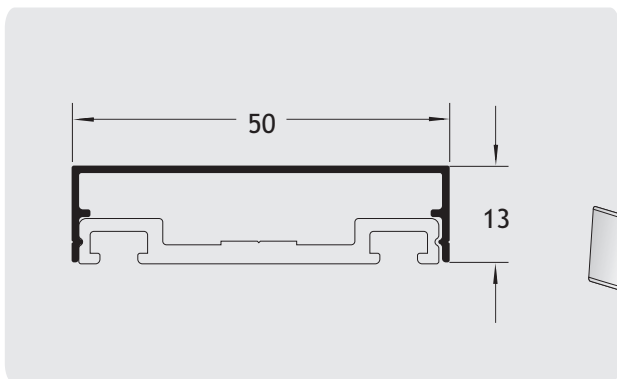
G06, G07



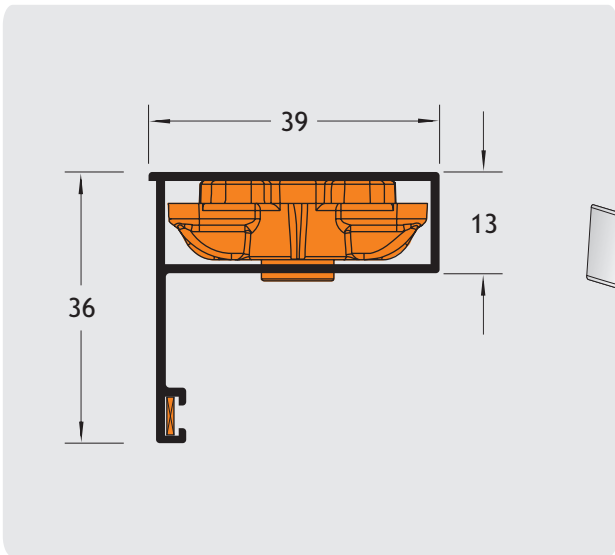
РИГЕЛ / TRANSOM		5005
ТЕГЛО / WEIGHT (gr/m)		W=1672
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )		I <sub>x</sub> =24,42
		J <sub>y</sub> =96,38
Периметър / Perimeter (mm)		P=416
<b>Акcesoари / Accessories</b>		
снадка / insert		
уплътнители gaskets		G06, G07



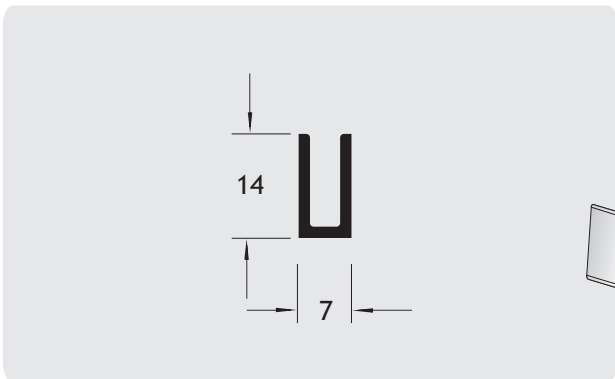
<b>ПОДКАПАЧКА PRESSURE PLATE</b>	<b>5006</b>
ТЕГЛО / WEIGHT (gr/m)	W=384
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,05
	J <sub>y</sub> =2,83
Периметър / Perimeter (mm)	P=139
<b>Акcesoари / Accessories</b>	
снадка / insert	
уплътнители gaskets	G06,G07



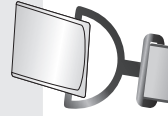
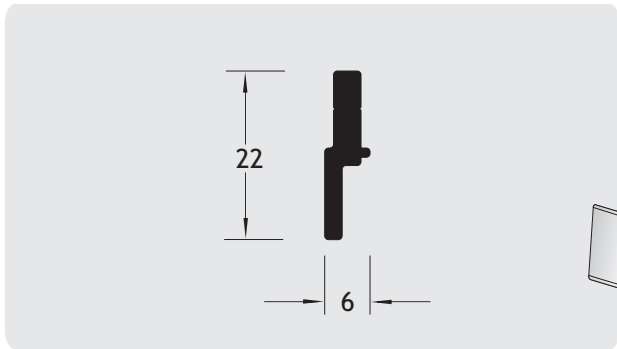
<b>ДЕКОРАТИВНА КАПАЧКА BEAUTY CAP</b>	<b>5007</b>
ТЕГЛО / WEIGHT (gr/m)	W=208
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,10
	J <sub>y</sub> =2,65
Периметър / Perimeter (mm)	P=154
<b>Акcesoари / Accessories</b>	
снадка / insert	
уплътнители gaskets	G06,G07



<b>СТРУКТУРНО КРИЛО STRUCTURAL SASH</b>	<b>5008</b>
ТЕГЛО / WEIGHT (gr/m)	W=416
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =1,59
	J <sub>y</sub> =2,82
Периметър / Perimeter (mm)	P=162
<b>Акcesoари / Accessories</b>	
сглобка / corner	0484S
израв. ъгъл/сглобка alignment corner	5x1



<b>ДИСТАНЦИОНЕР GLASS SPACER</b>	<b>5009</b>
ТЕГЛО / WEIGHT (gr/m)	W=128
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	-
	-
Периметър / Perimeter (mm)	P=65
<b>Акcesoари / Accessories</b>	
снадка / insert	
уплътнители gaskets	

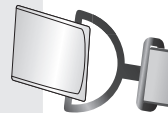
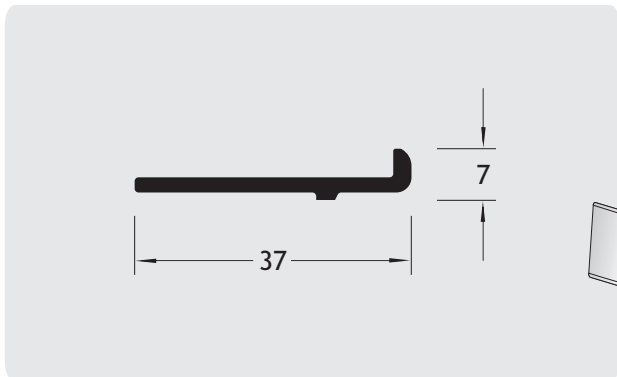


<b>КЛЮЧ ЗА ДИСТАНЦИОНЕР KEY PROFILE</b>	<b>5010</b>
ТЕГЛО / WEIGHT (gr/m)	W=194
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	-
	-
Периметър / Perimeter (mm)	P=55

**Акcesoари / Accessories**

снадка / insert

уплътнители  
gaskets

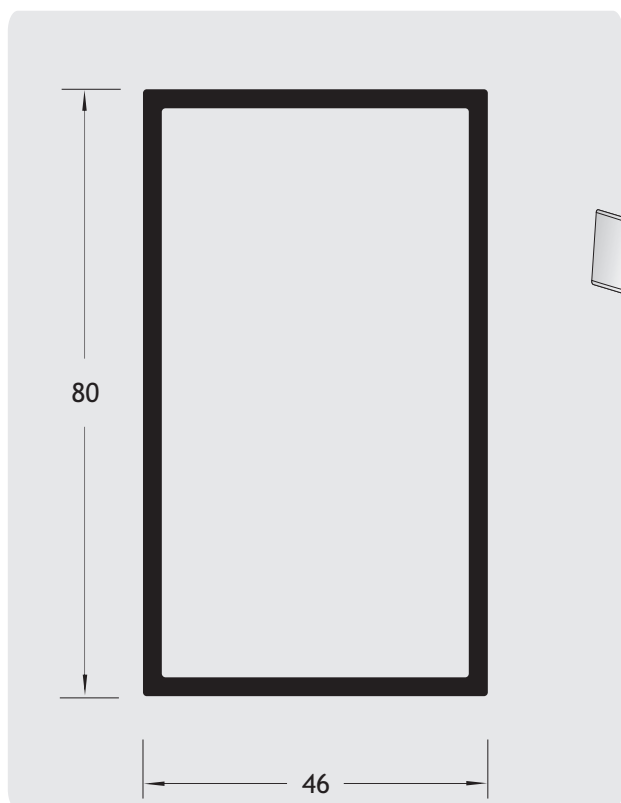


<b>НОСАЧ ЗА СТЪКЛО GLASS HOLDER</b>	<b>5011</b>
ТЕГЛО / WEIGHT (gr/m)	W=225
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	-
	-
Периметър / Perimeter (mm)	P=84

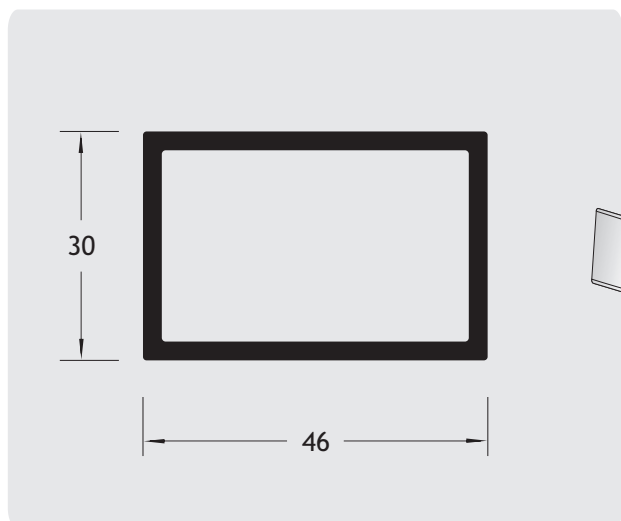
**Акcesoари / Accessories**

снадка / insert

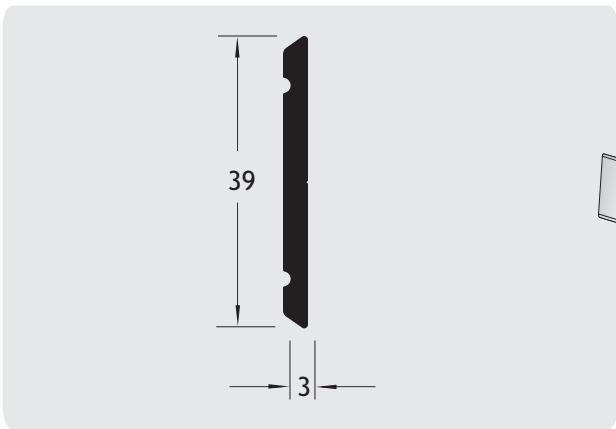
уплътнители  
gaskets



<b>СНАДКА INSERT PROFILE</b>	<b>5016</b>
ТЕГЛО / WEIGHT (gr/m)	W=1632
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	52,30
	21,45
Периметър / Perimeter (mm)	P=251
<b>Акcesoари / Accessories</b>	
профил / profile	
уплътнители gaskets	

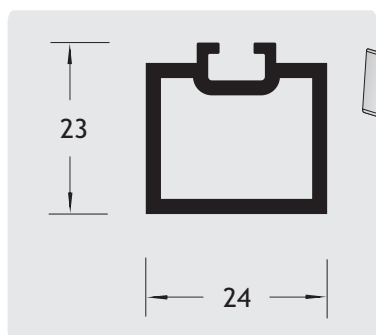
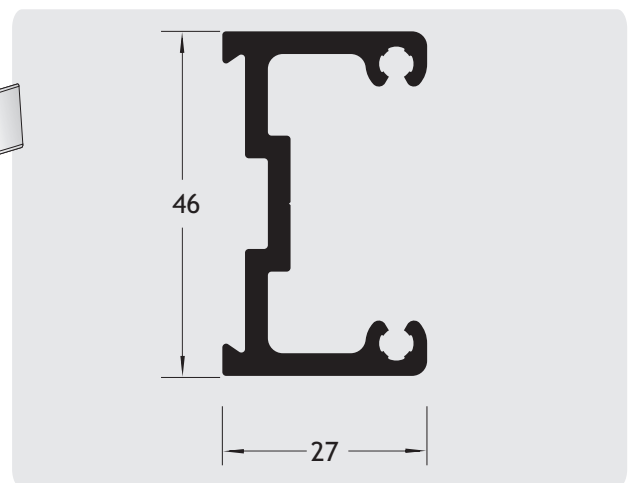


<b>СНАДКА INSERT PROFILE</b>	<b>5017</b>
ТЕГЛО / WEIGHT (gr/m)	W=957
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	5,09
	9,83
Периметър / Perimeter (mm)	P=151
<b>Акcesoари / Accessories</b>	
профил / profile	
уплътнители gaskets	

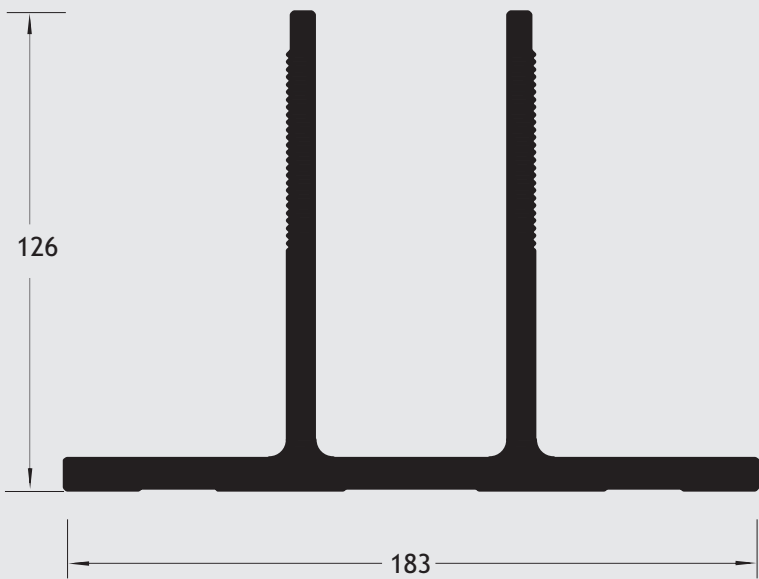


ЩИПКА ЗА КОНЗОЛА ACCESSORIE PROFILE	5012
ТЕГЛО / WEIGHT (gr/m)	W=322
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	-
Периметър / Perimeter (mm)	P=83
<b>Акcesoари / Accessories</b>	
снадка / insert	
уплътнители gaskets	

КОНЗОЛА ACCESSORIE PROFILE	5013
ТЕГЛО / WEIGHT (gr/m)	W=904
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	-
Периметър / Perimeter (mm)	P=238
<b>Акcesoари / Accessories</b>	
снадка / insert	
уплътнители gaskets	



СВЪРЗВАЩ ПРОФИЛ ADJOINING PROFILE	5014
ТЕГЛО / WEIGHT (gr/m)	W=483
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	-
Периметър / Perimeter (mm)	P=108
<b>Акcesoари / Accessories</b>	
снадка / insert	
уплътнители gaskets	



**ПЛАНКА  
FIXING BRACKETS**

**5019**

ТЕГЛО / WEIGHT (gr/m) W=6199

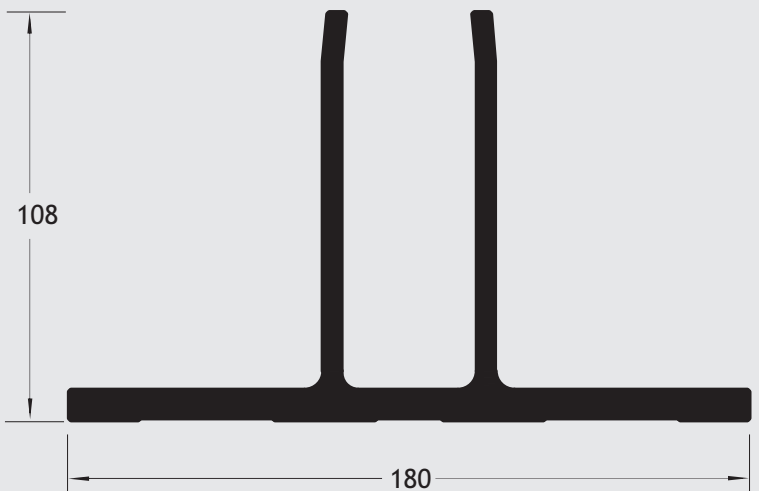
Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Периметър / Perimeter (mm) P=866

**Акcesoари / Accessories**

профил / profile

уплътнители  
gaskets



**ПЛАНКА  
FIXING BRACKETS**

**5024**

ТЕГЛО / WEIGHT (gr/m) W=6521

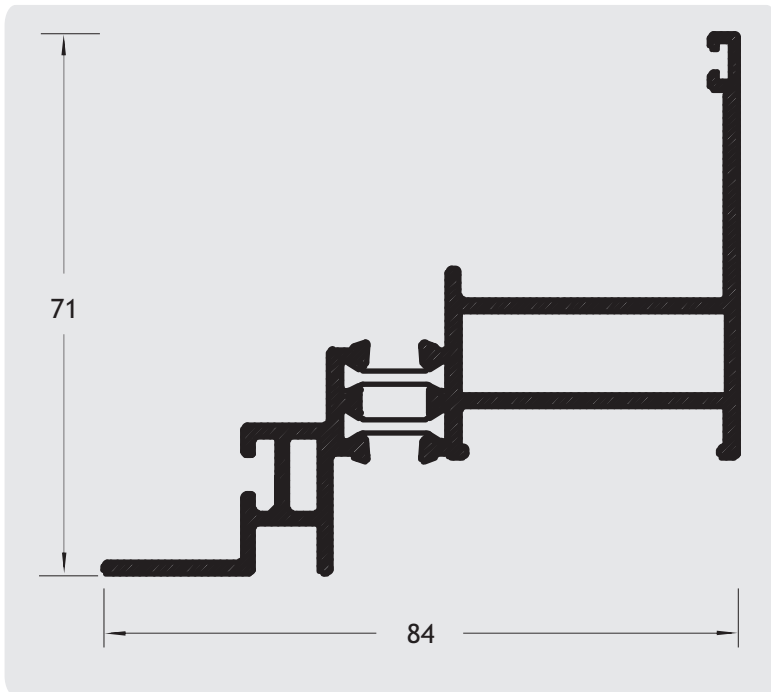
Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Периметър / Perimeter (mm) P=108

**Акcesoари / Accessories**

профил / profile

уплътнители  
gaskets



КАСА ЗА ПРОЗОРЕЦ  
ОТВАРЯНЕ НАВЪН  
FRAME FOR OUTWARDS  
PROJECTING WINDOW

**5020**

ТЕГЛО / WEIGHT (gr/m)

W=1221

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

10,77

26,42

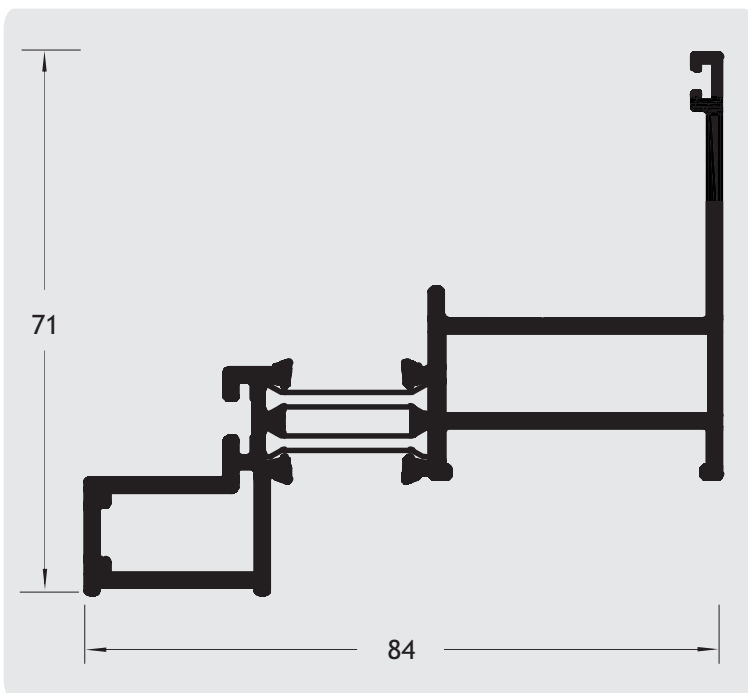
Периметър / Perimeter (mm)

P=392

### Акcesoари / Accessories

снадка / insert

уплътнители  
gaskets



КАСА ЗА ПРОЗОРЕЦ  
ОТВАРЯНЕ НАВЪН  
FRAME FOR OUTWARDS  
PROJECTING WINDOW

**5022**

ТЕГЛО / WEIGHT (gr/m)

W=1286

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

10,90

36,38

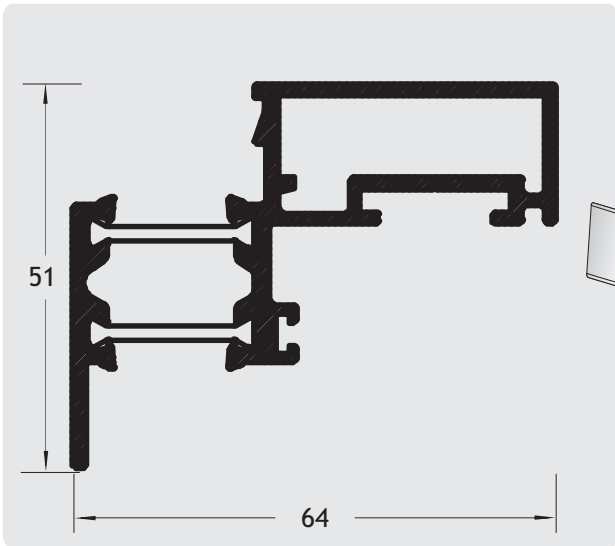
Периметър / Perimeter (mm)

P=383

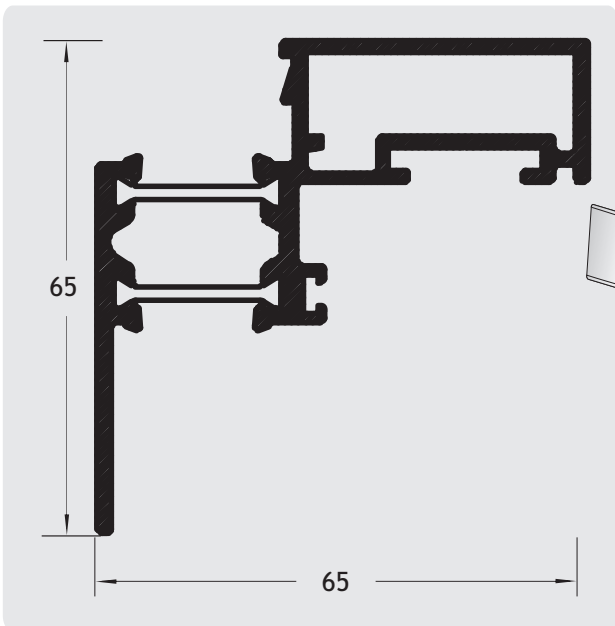
### Акcesoари / Accessories

снадка / insert

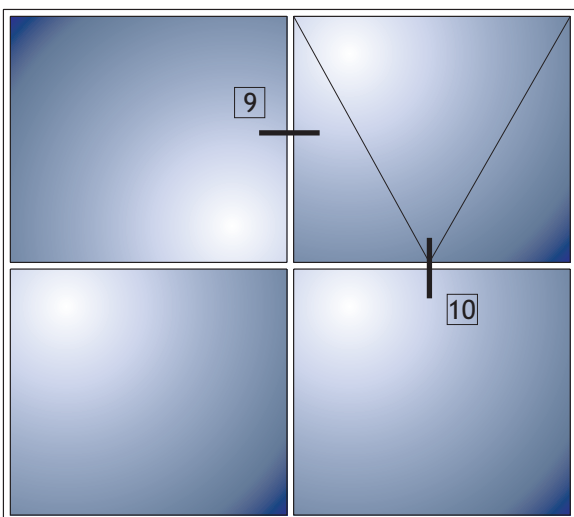
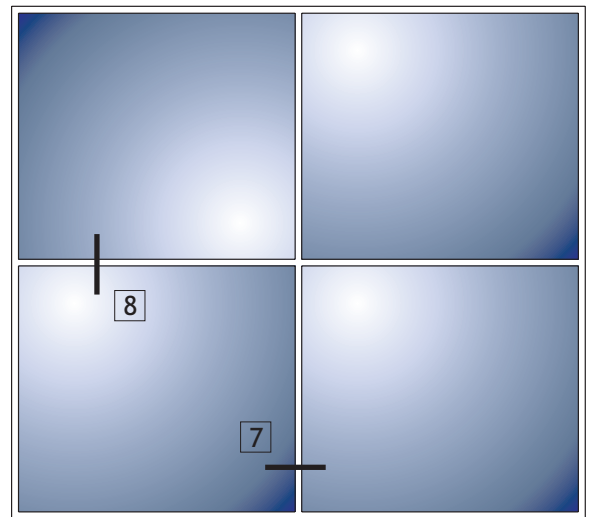
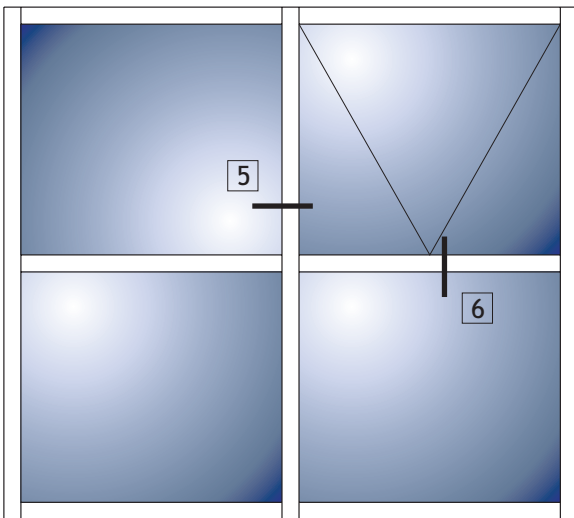
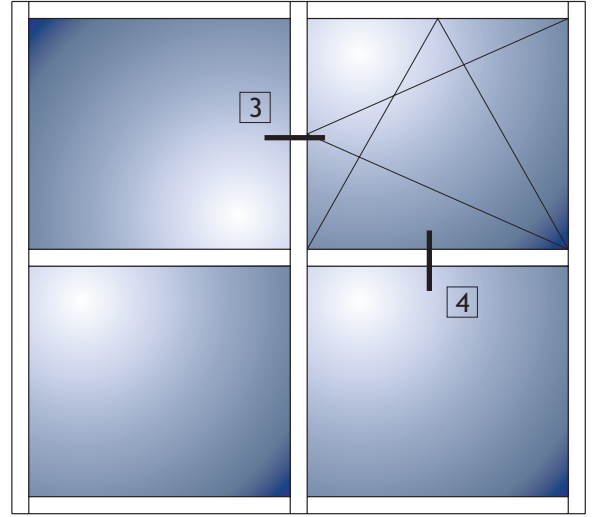
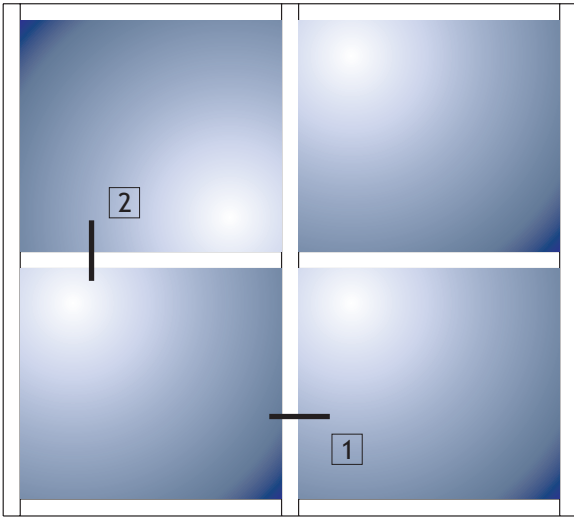
уплътнители  
gaskets



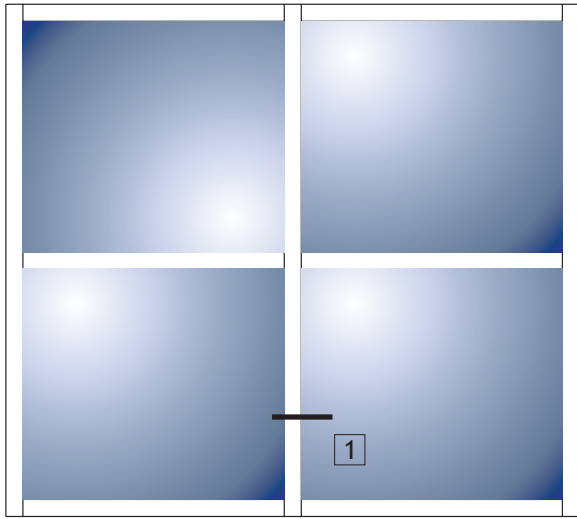
КРИЛО ЗА ПРОЗОРЕЦ ОТВАРЯНЕ НАВЪН SASH FOR OUTWARDS PROJECTING WINDOW	<b>5021</b>
ТЕГЛО / WEIGHT (gr/m)	W=1139
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	7,05
	18,34
Периметър / Perimeter (mm)	P=299
<b>Акcesoари / Accessories</b>	
профил / profile	
уплътнители gaskets	



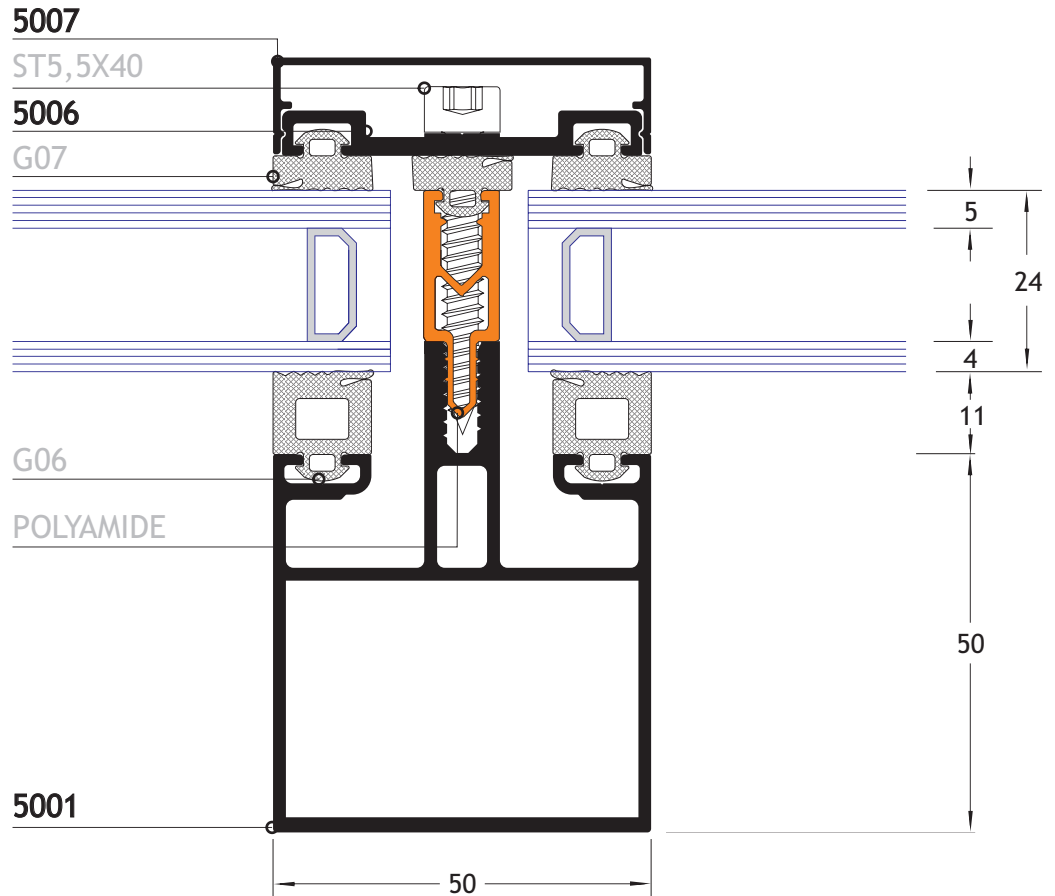
КРИЛО ЗА ПРОЗОРЕЦ ОТВАРЯНЕ НАВЪН SASH FOR OUTWARDS PROJECTING WINDOW	<b>5023</b>
ТЕГЛО / WEIGHT (gr/m)	W=1204
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	10,33
	19,82
Периметър / Perimeter (mm)	P=319
<b>Акcesoари / Accessories</b>	
профил / profile	
уплътнители gaskets	

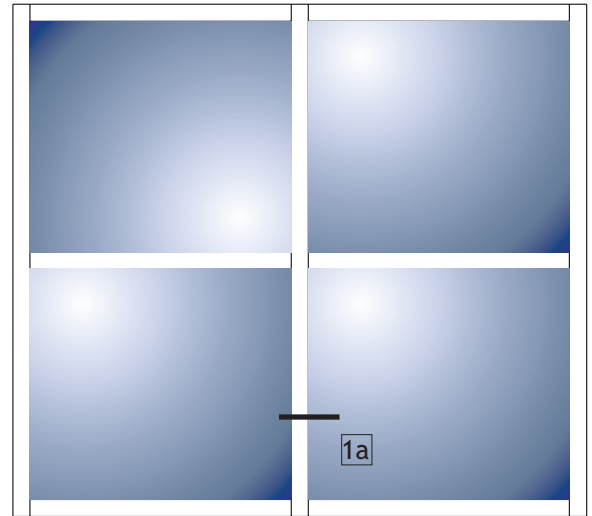




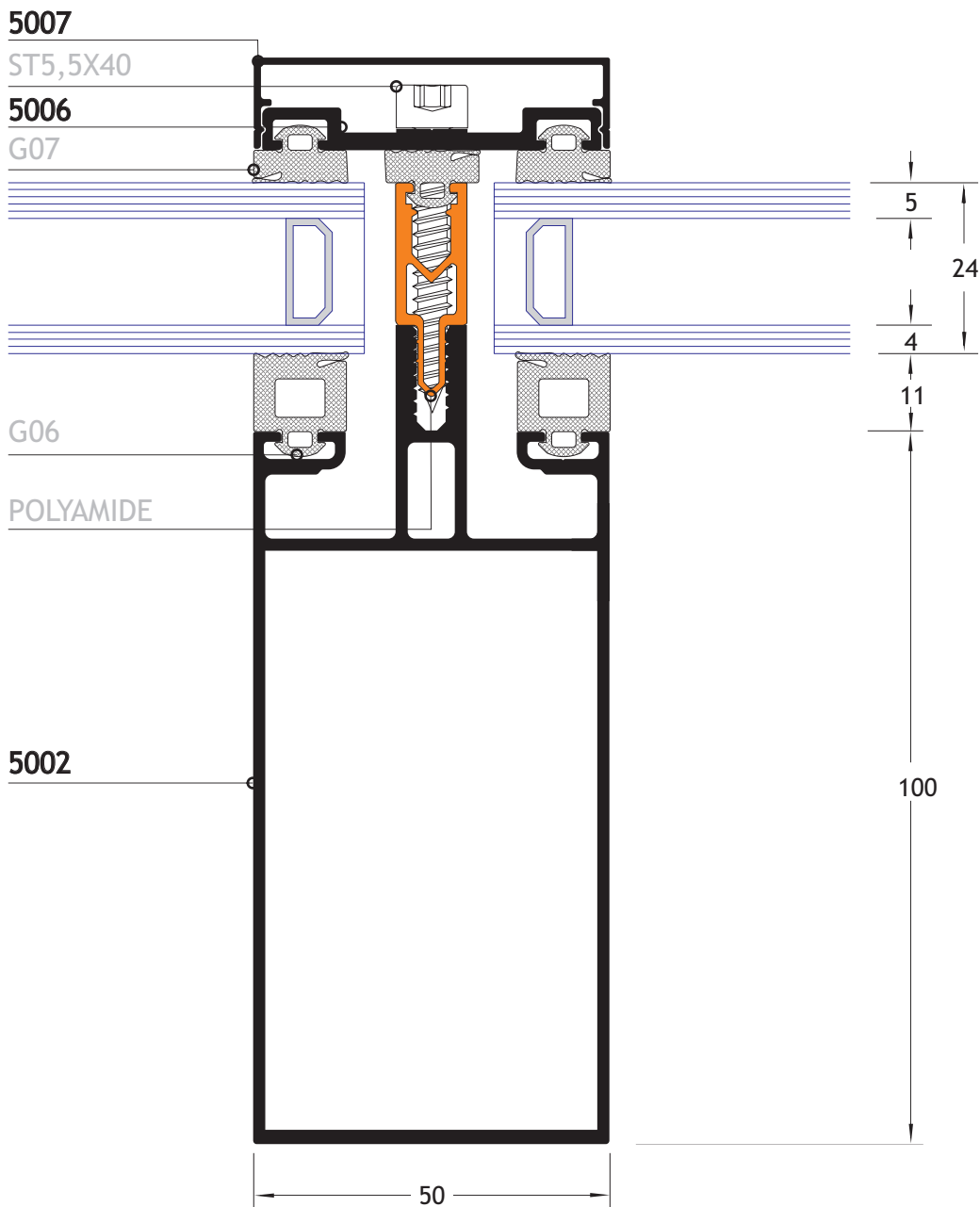


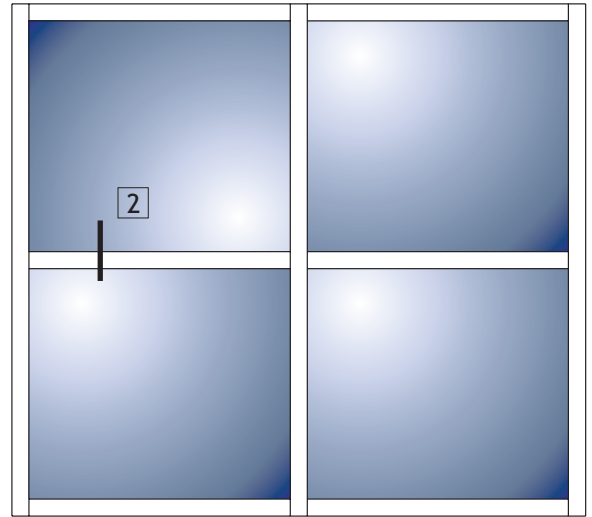
1



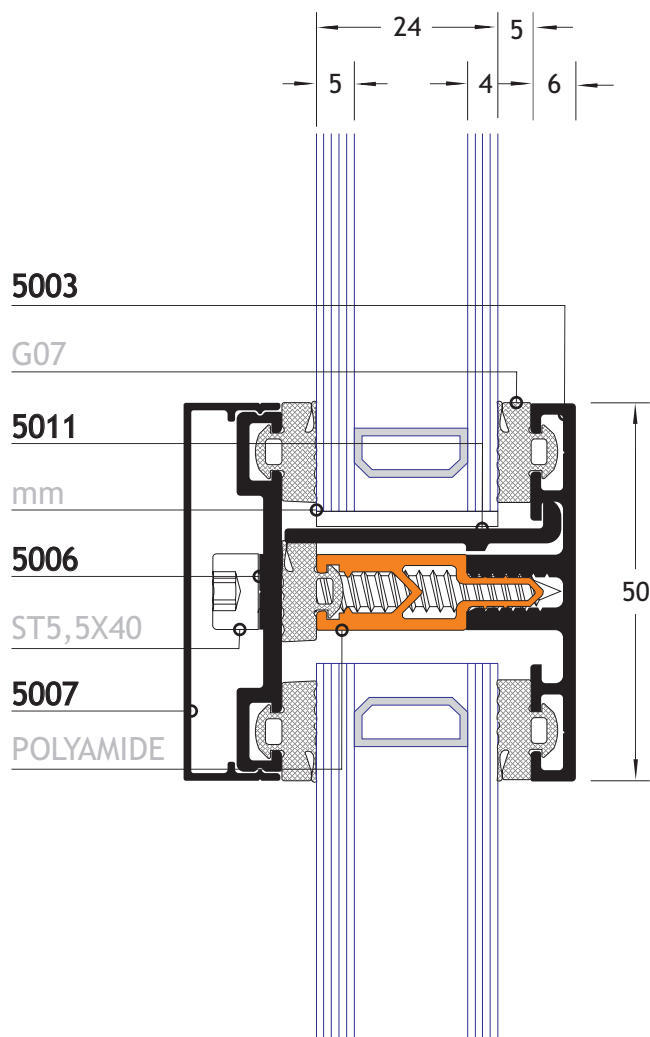


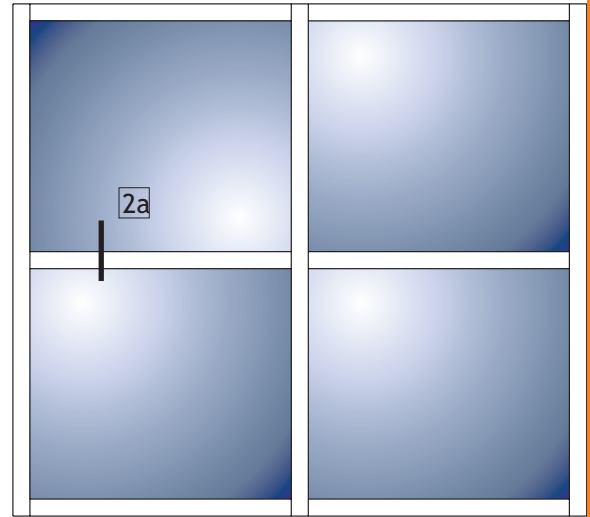
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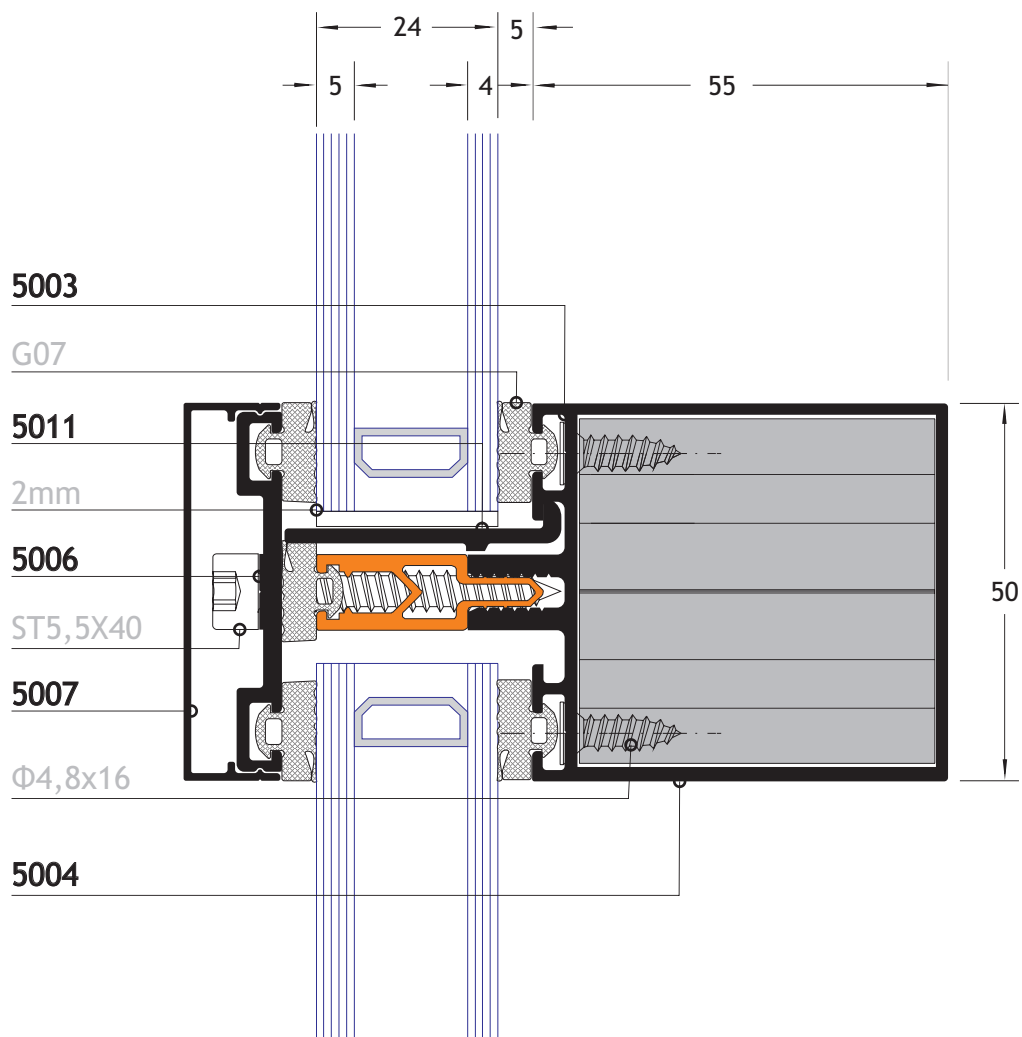


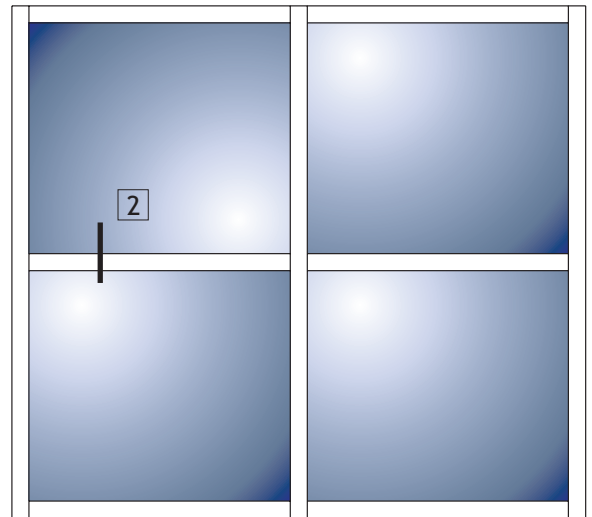
2



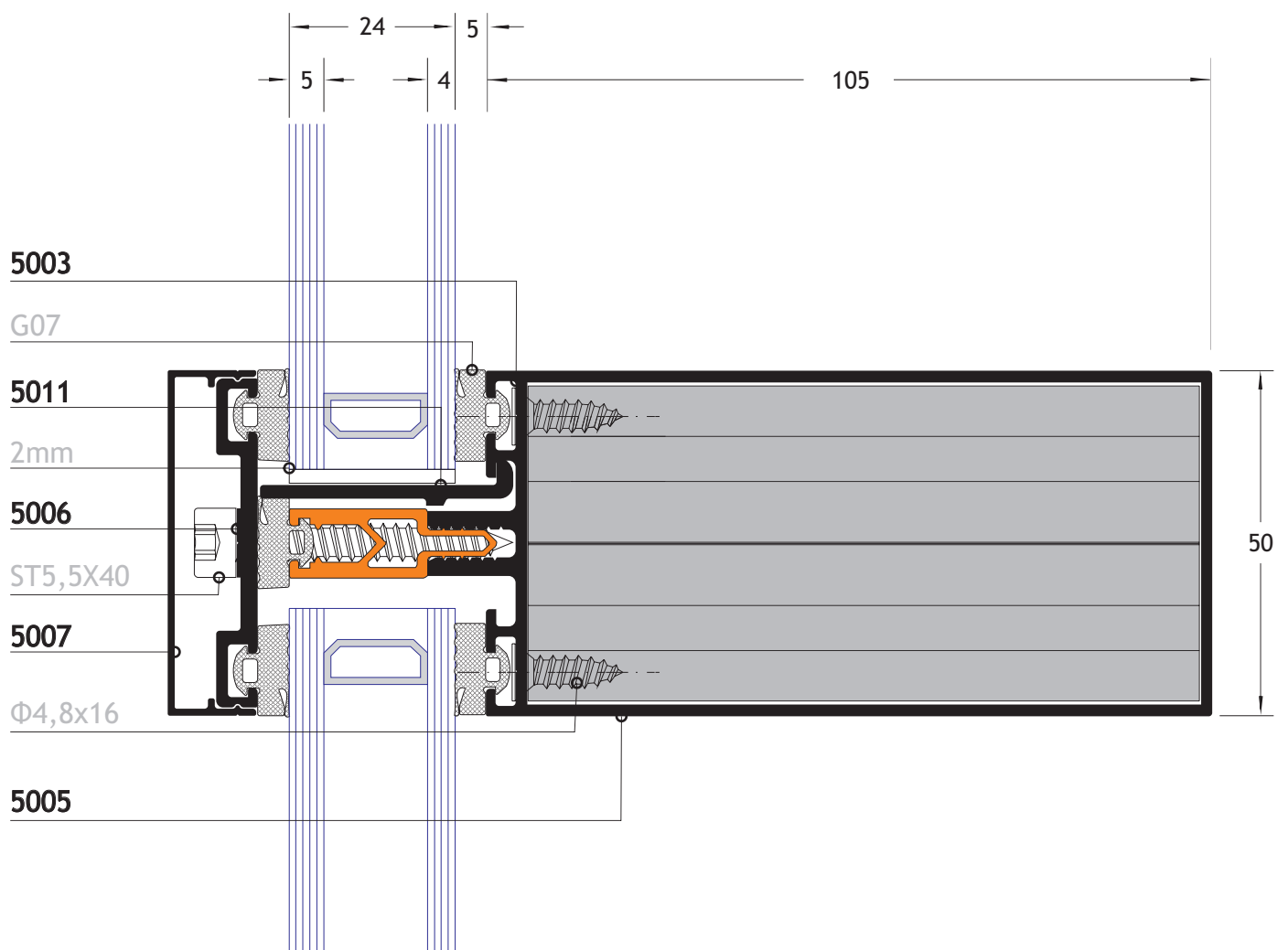


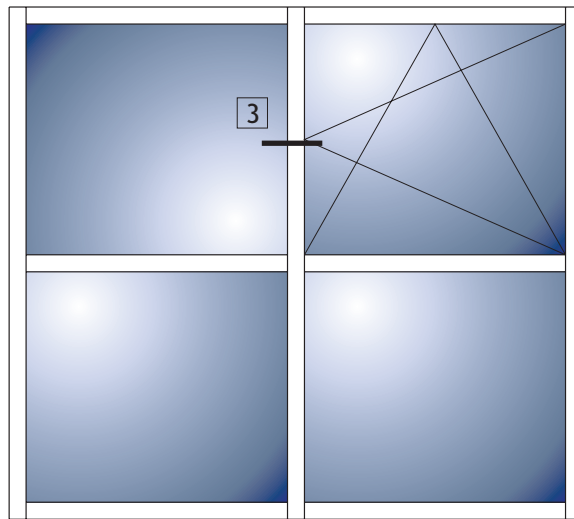
2a



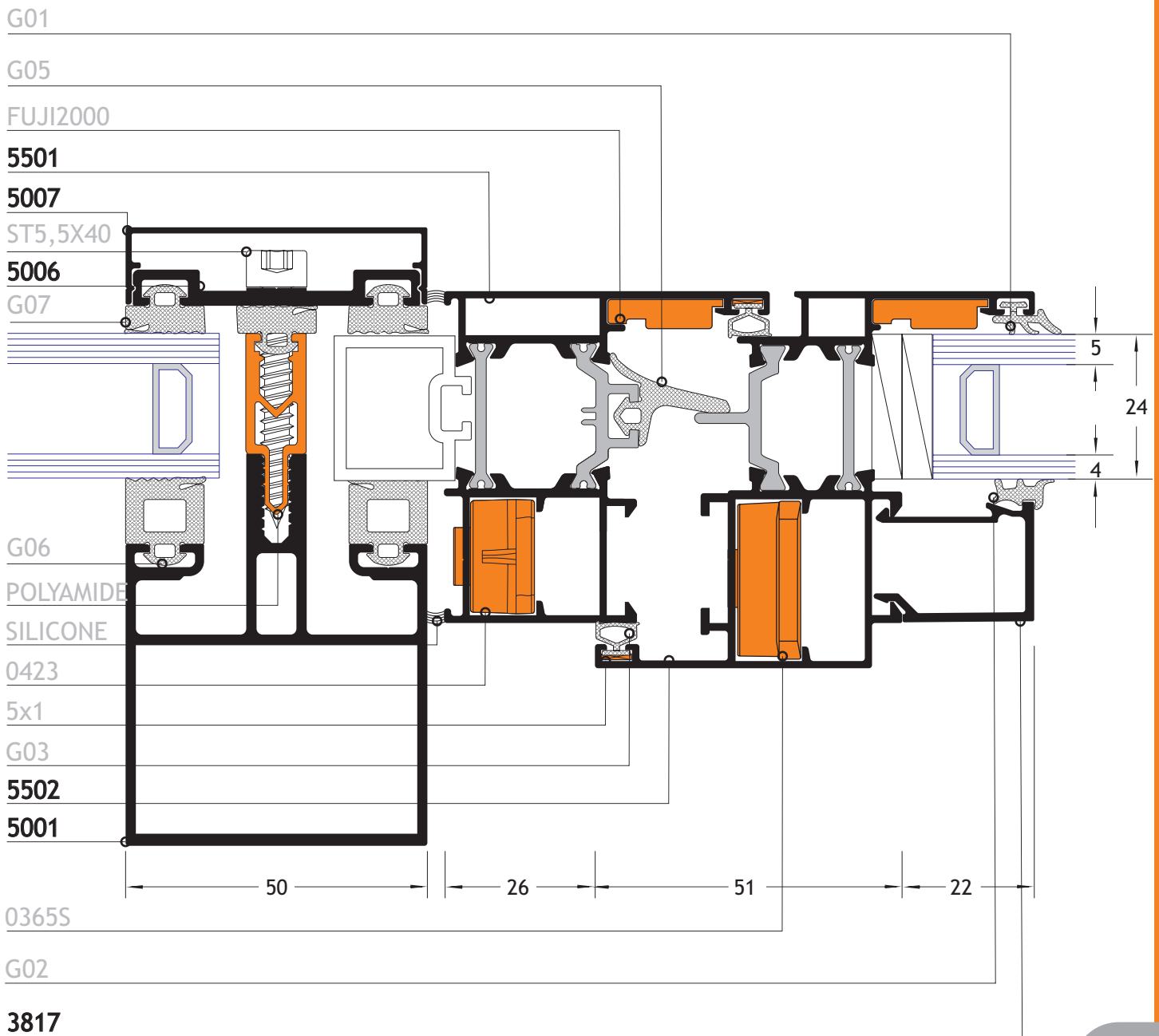


2a

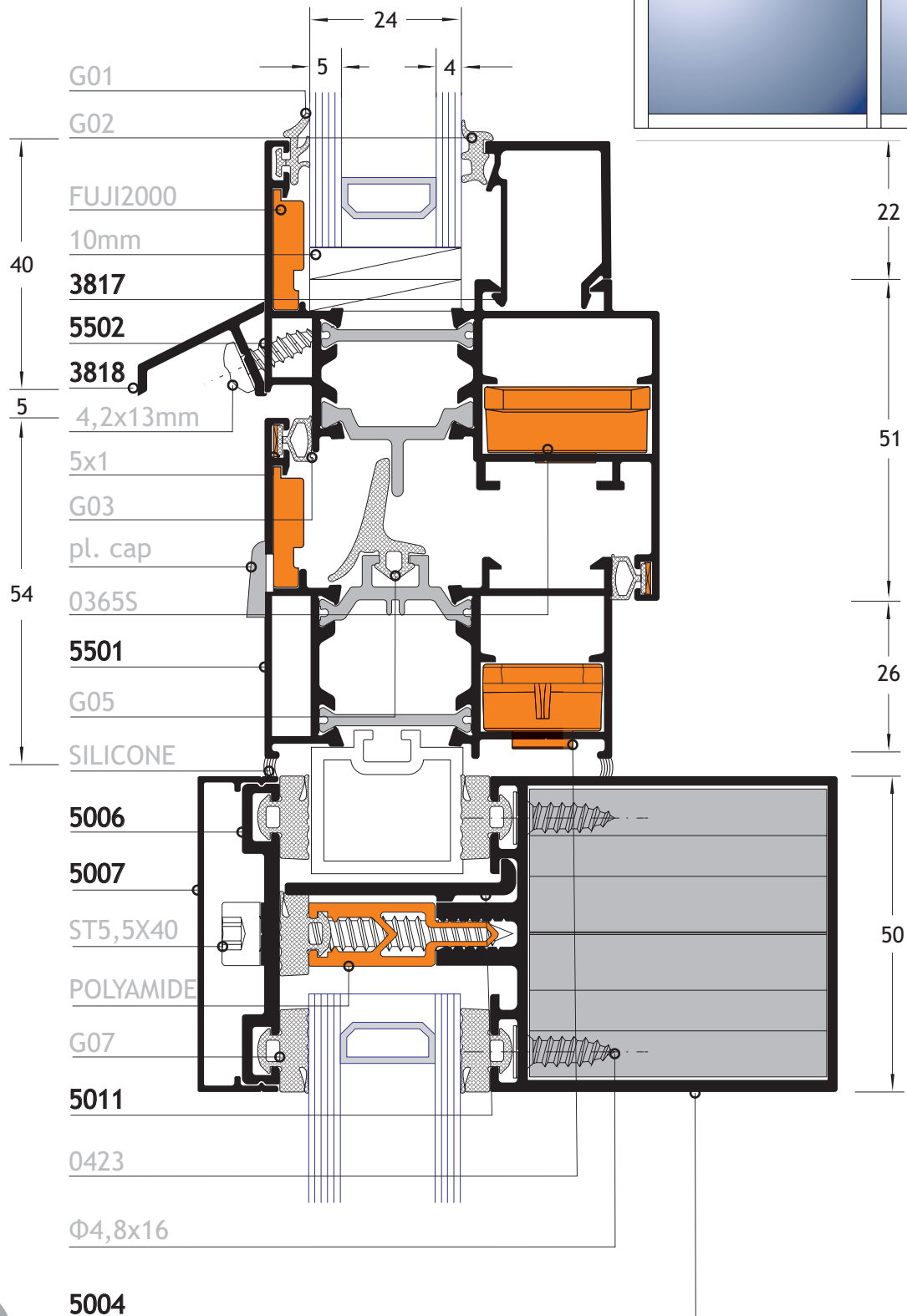
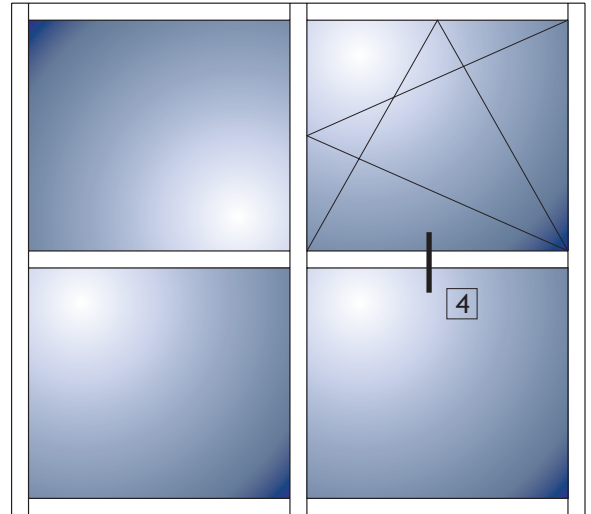




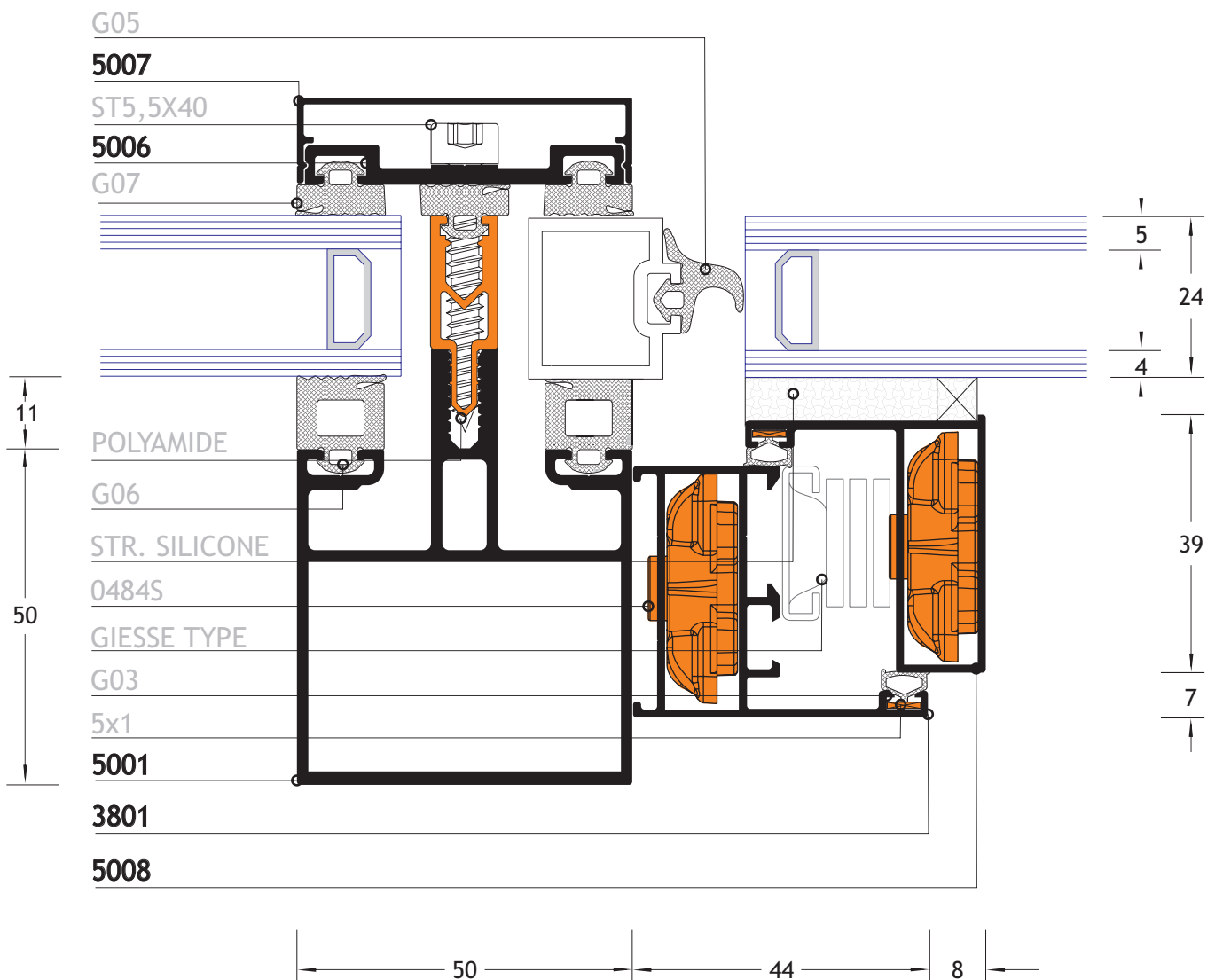
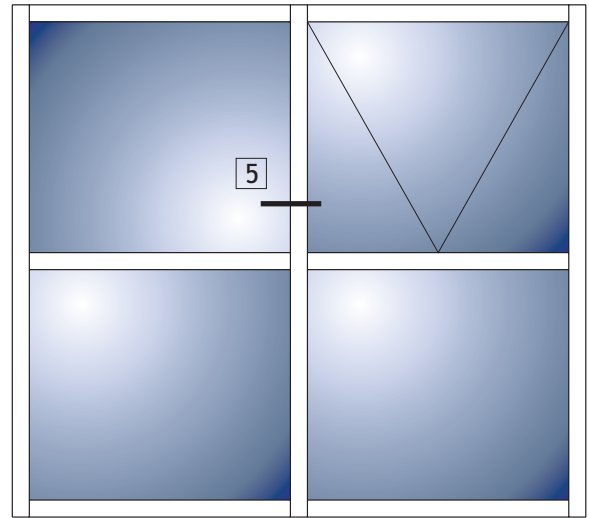
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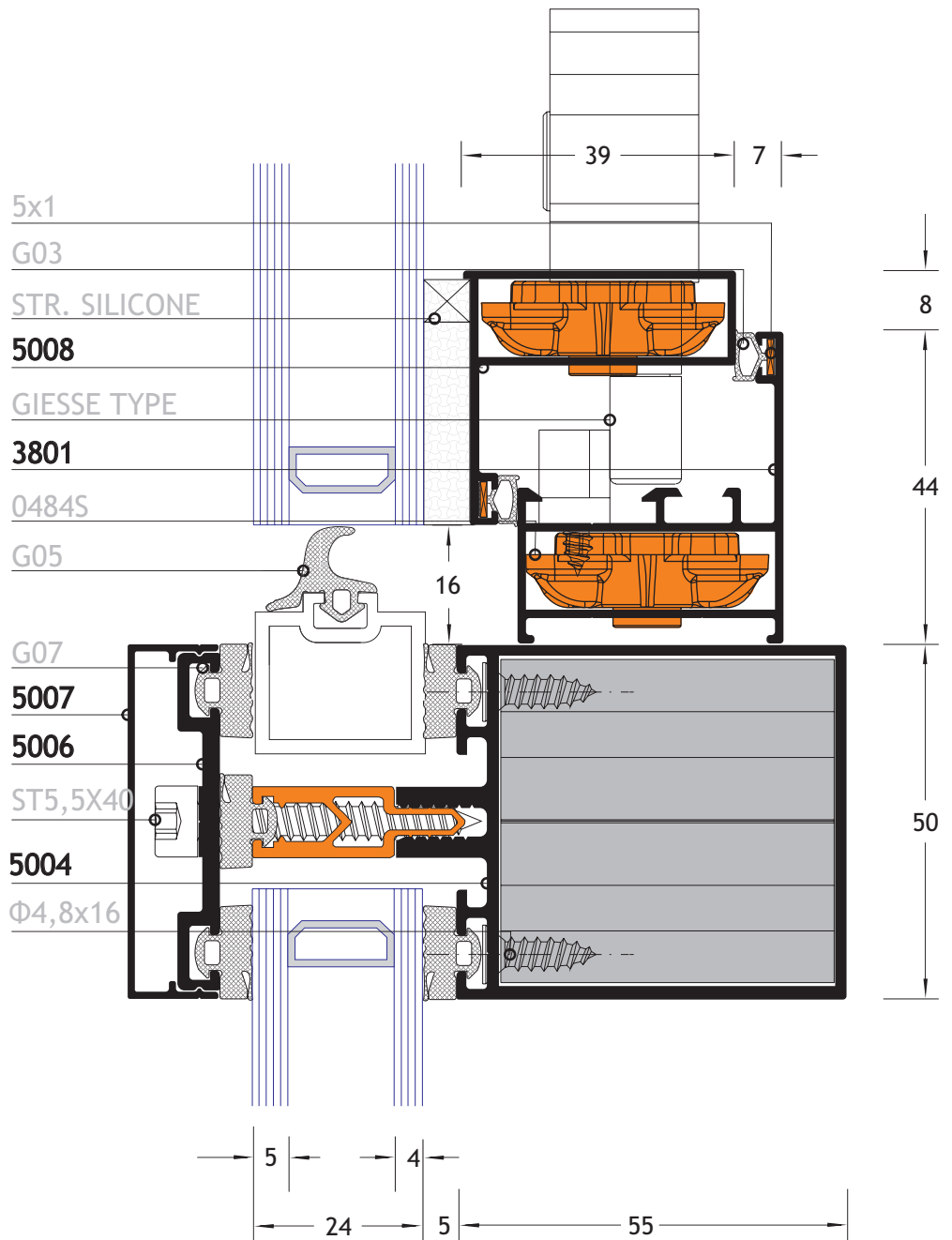
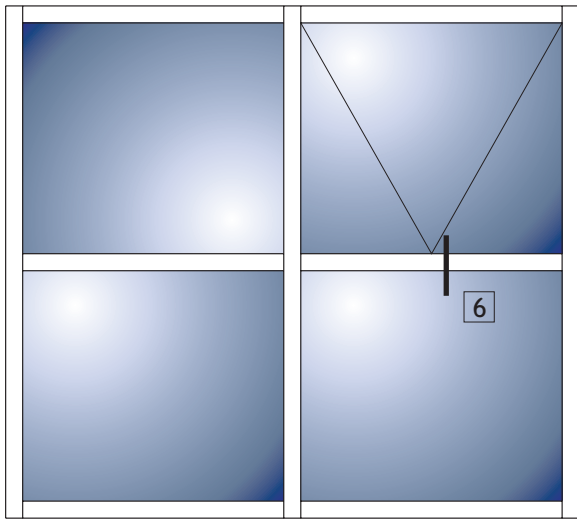


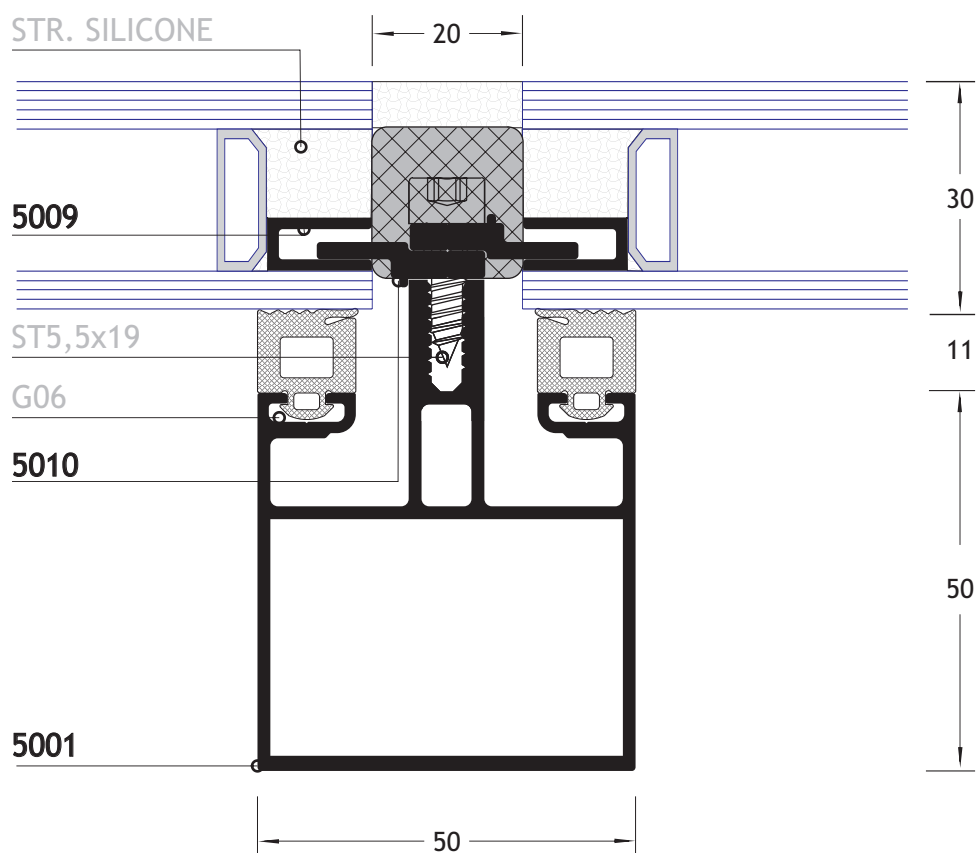
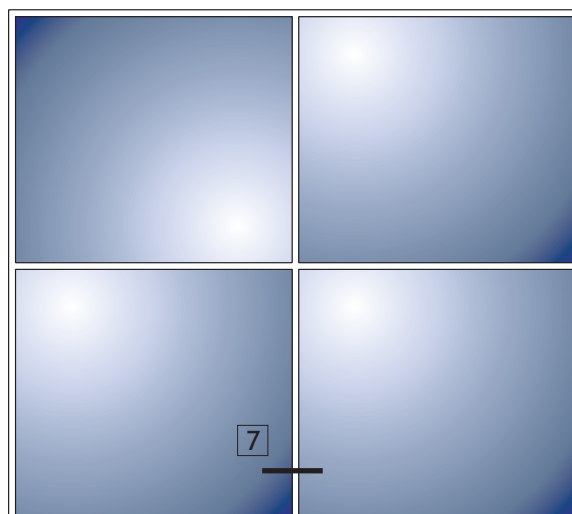
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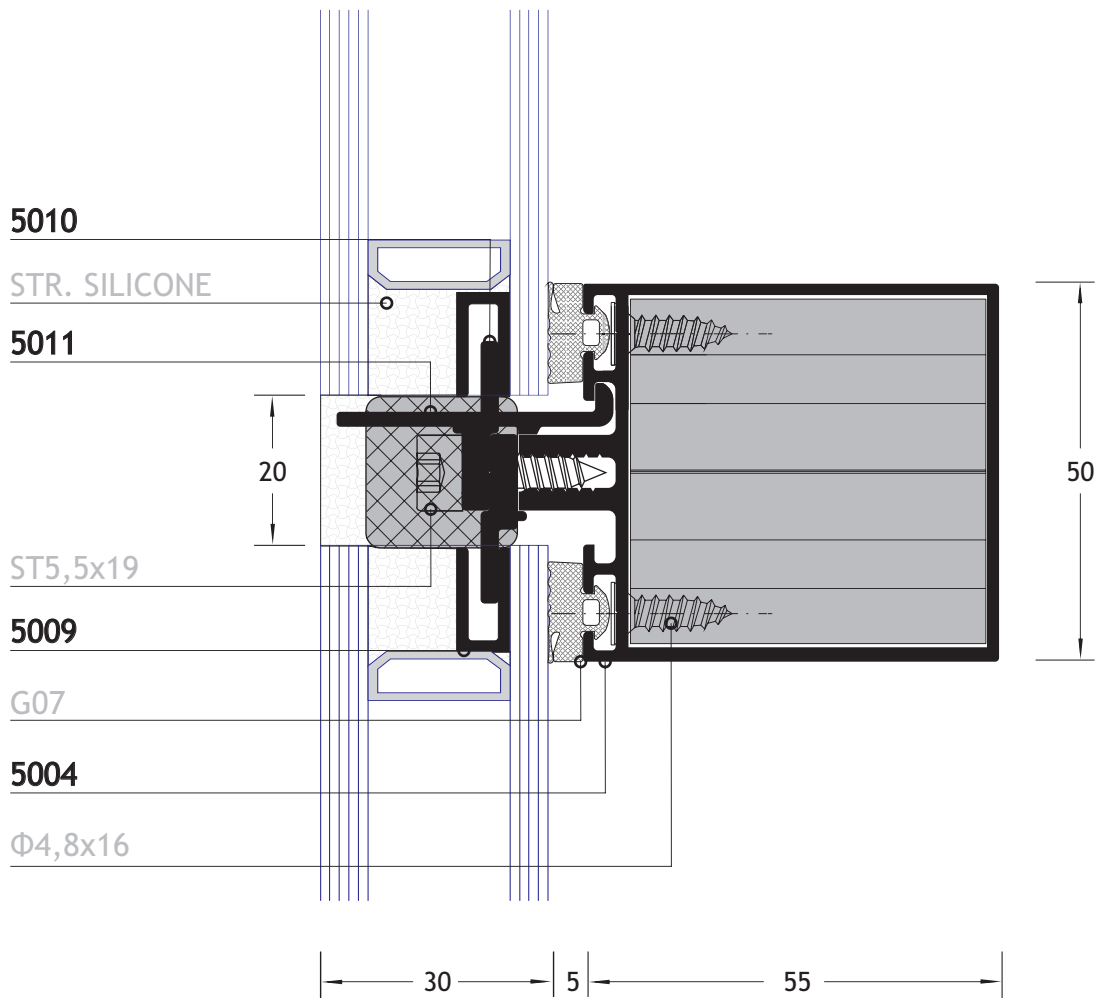
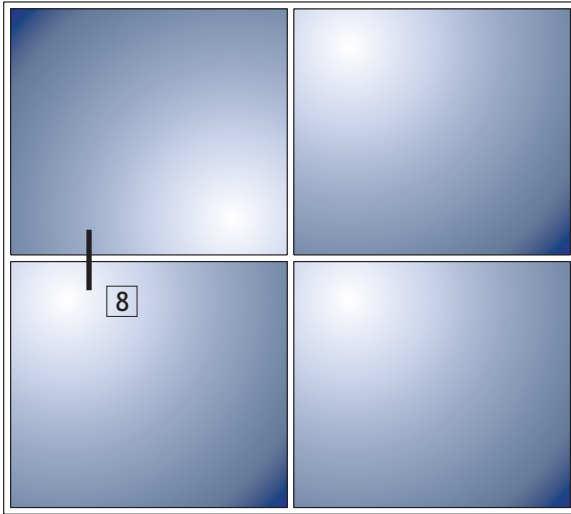


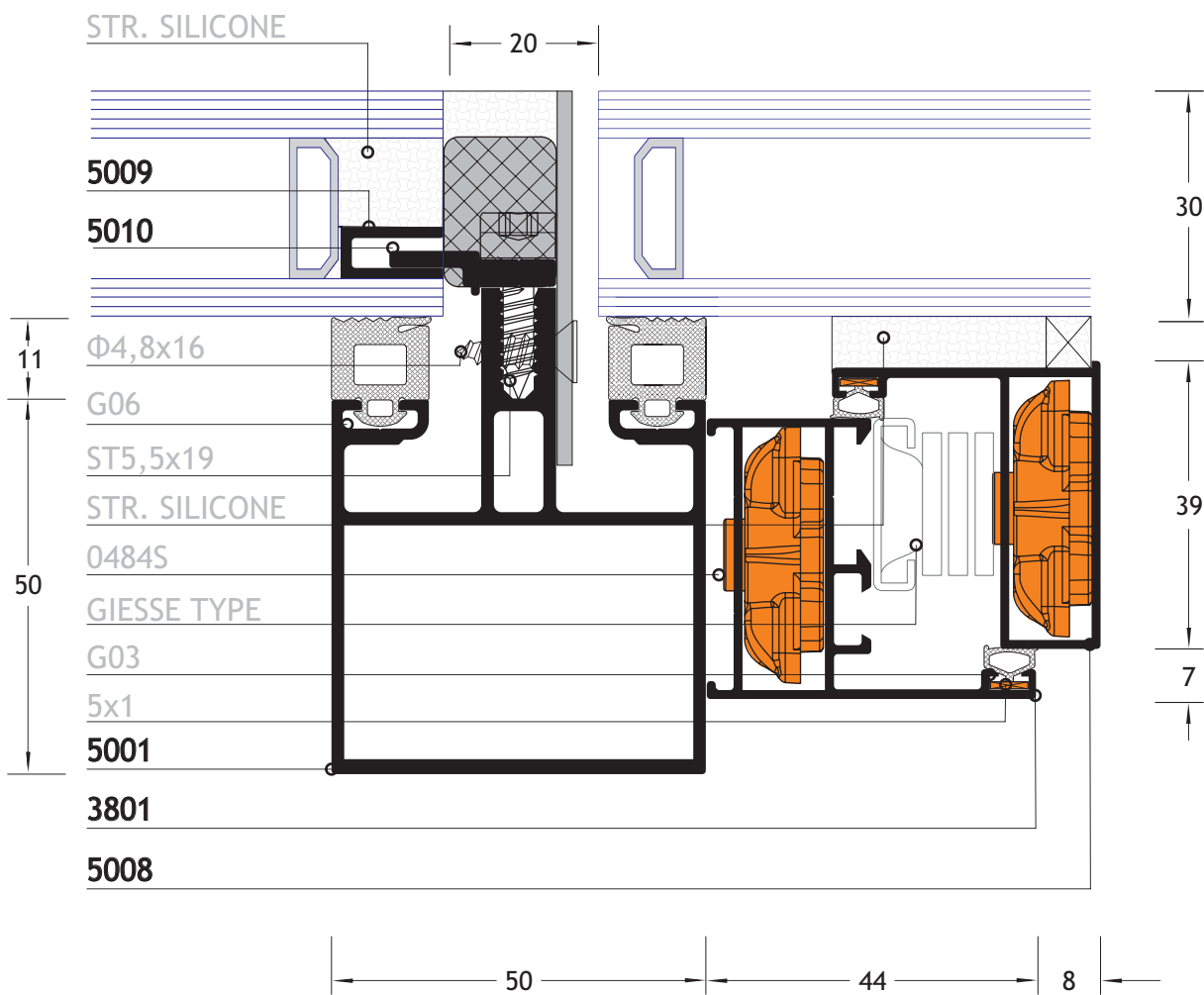
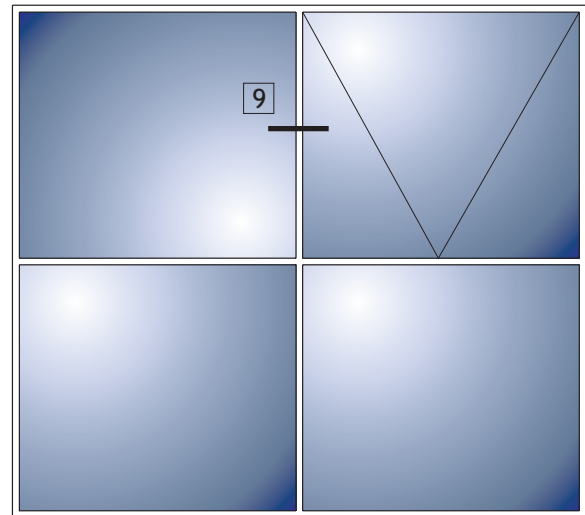
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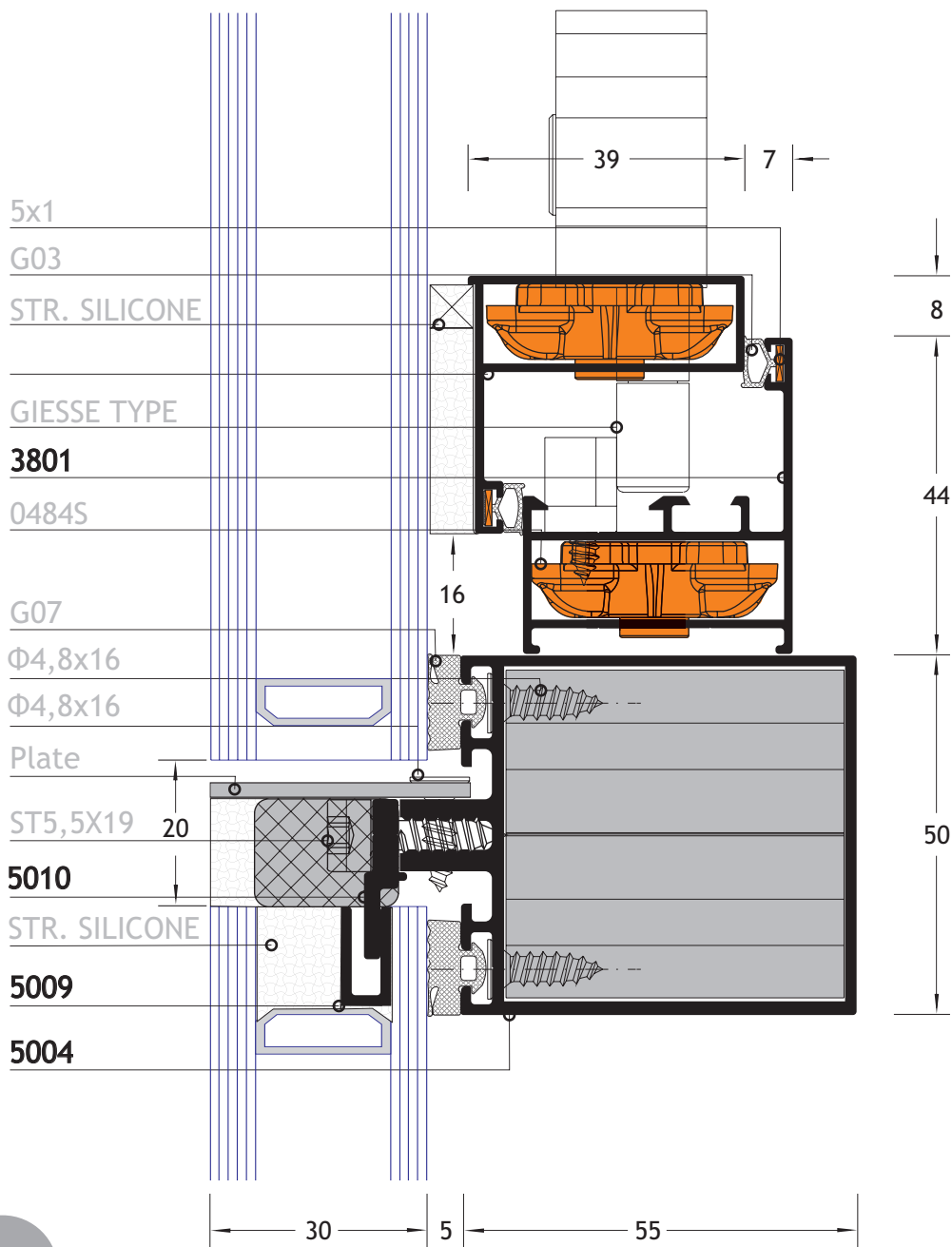
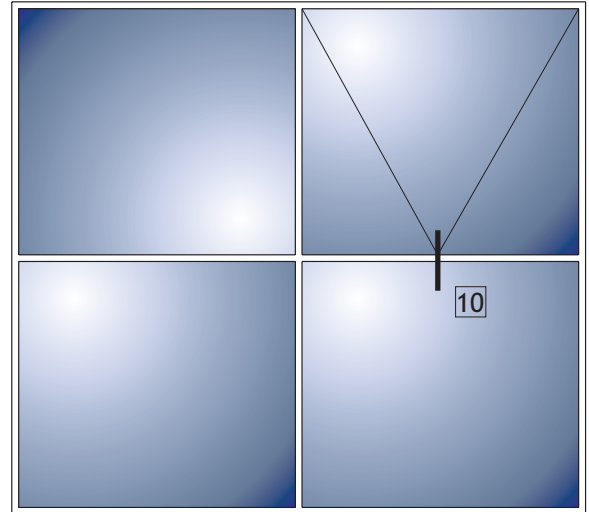


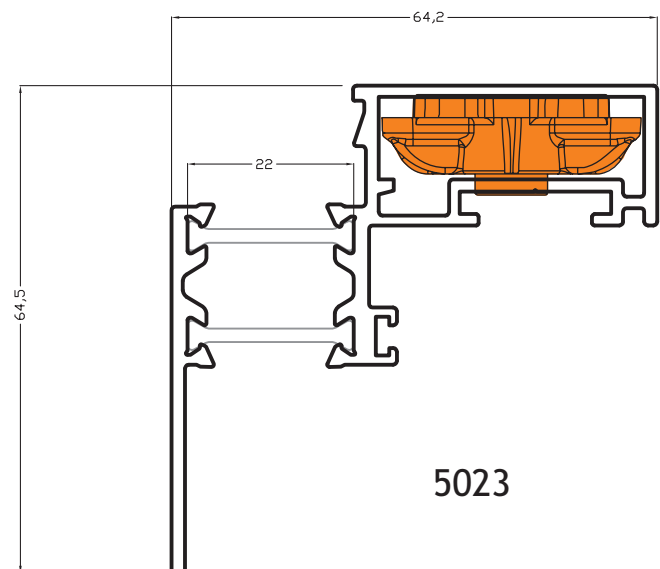
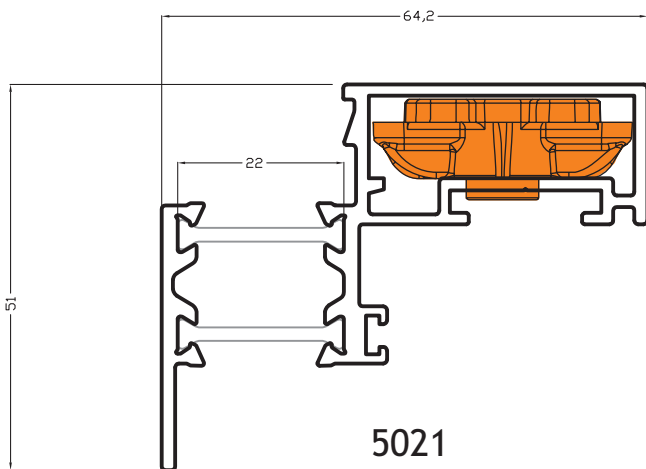
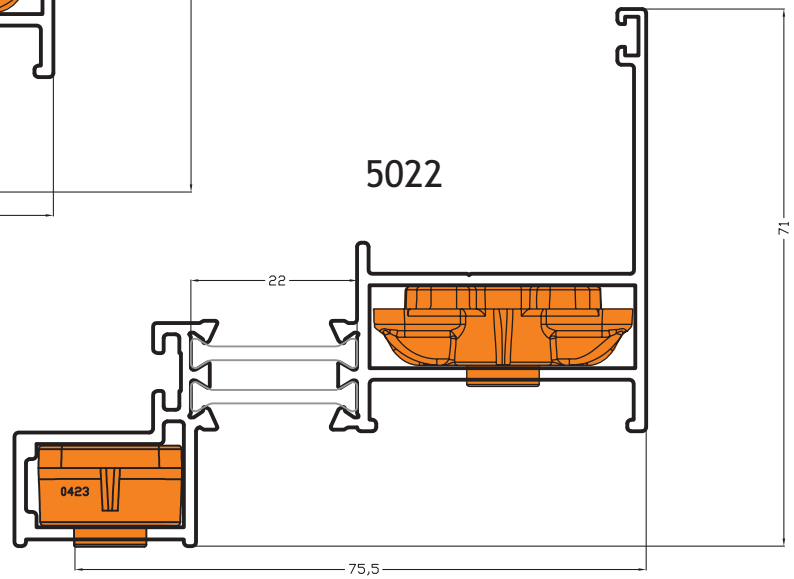
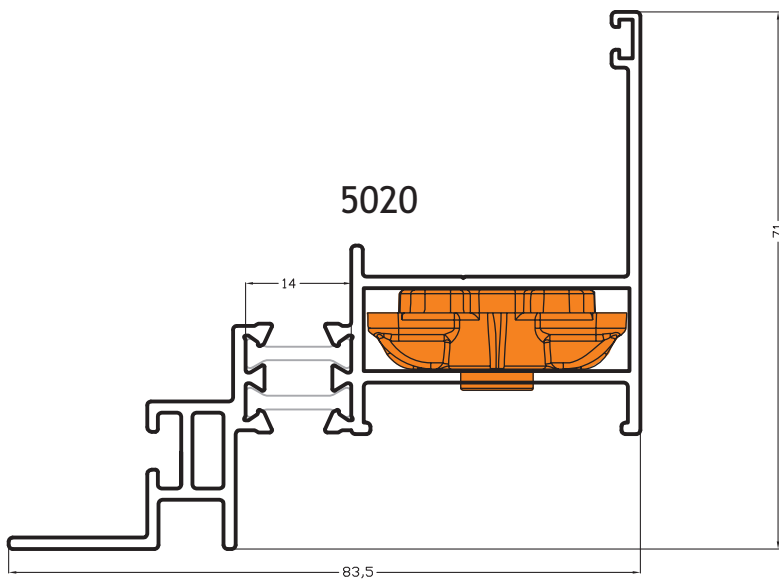


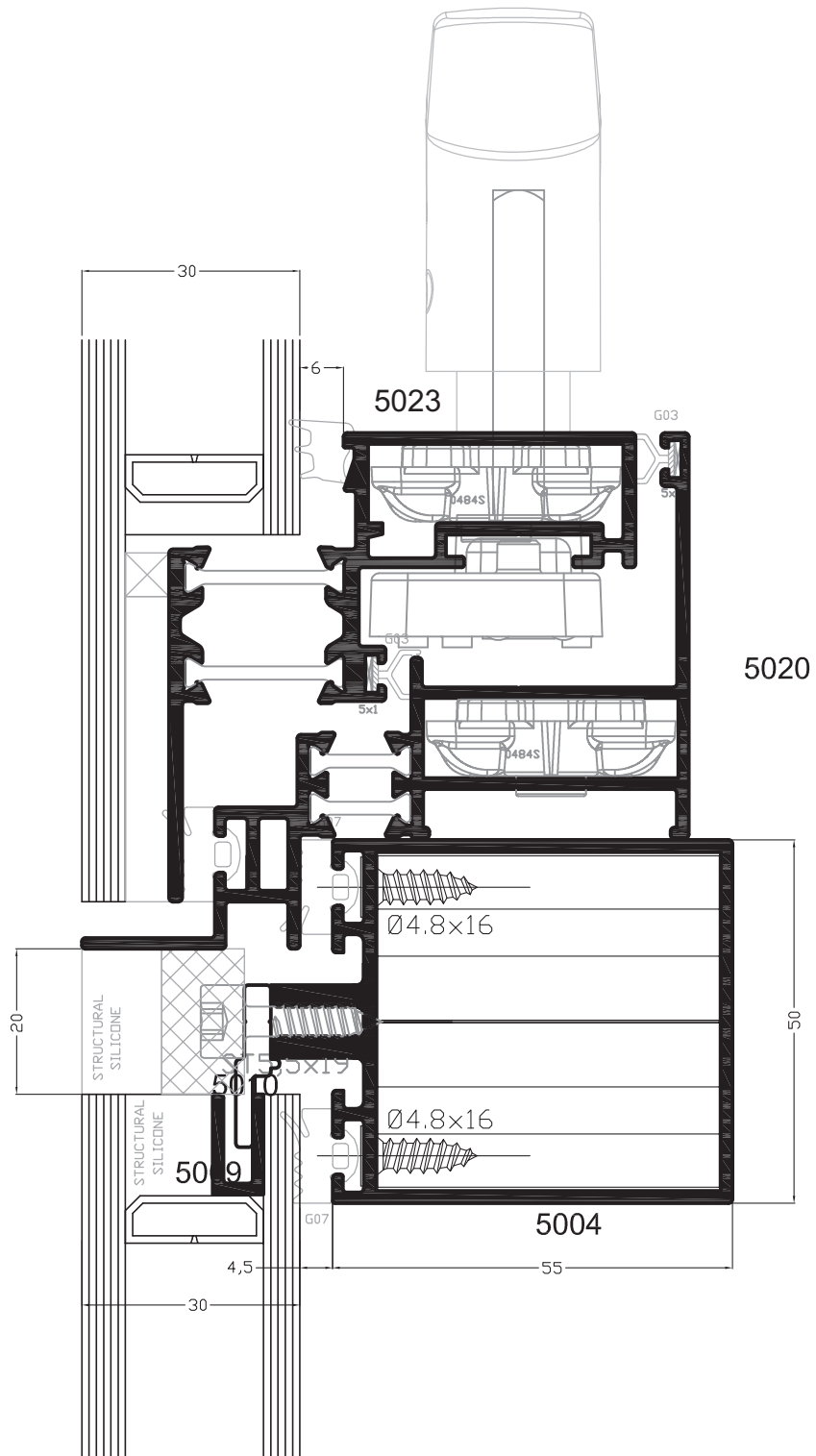




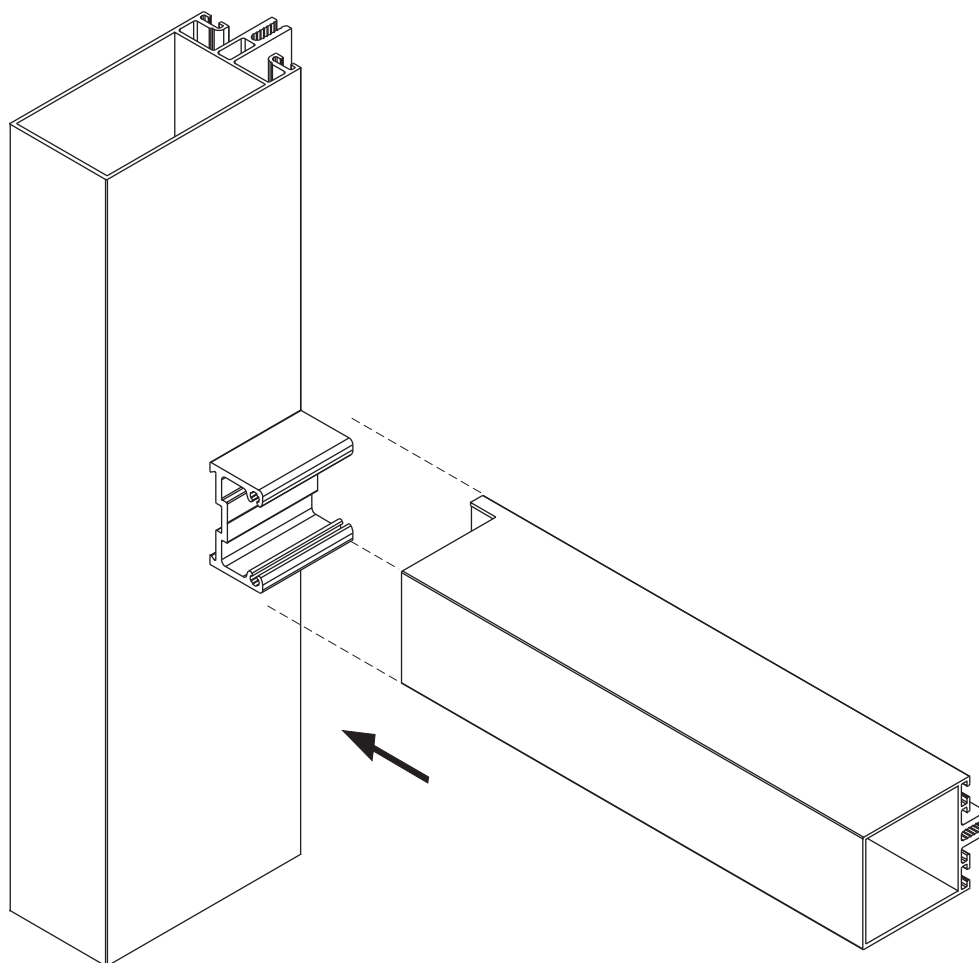
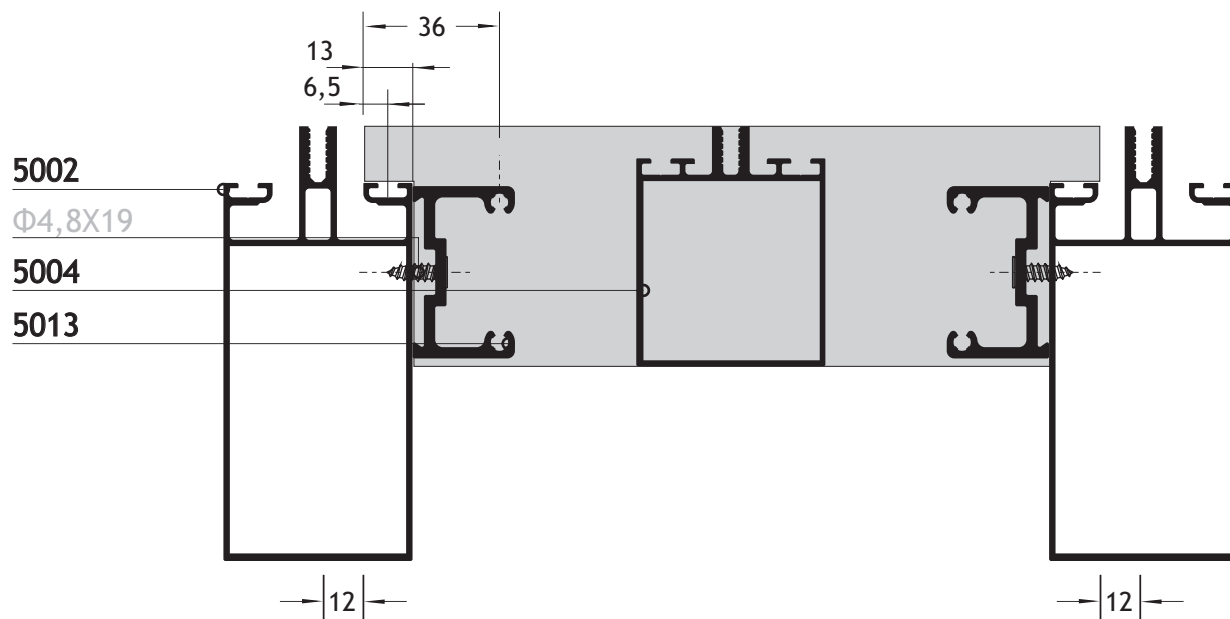


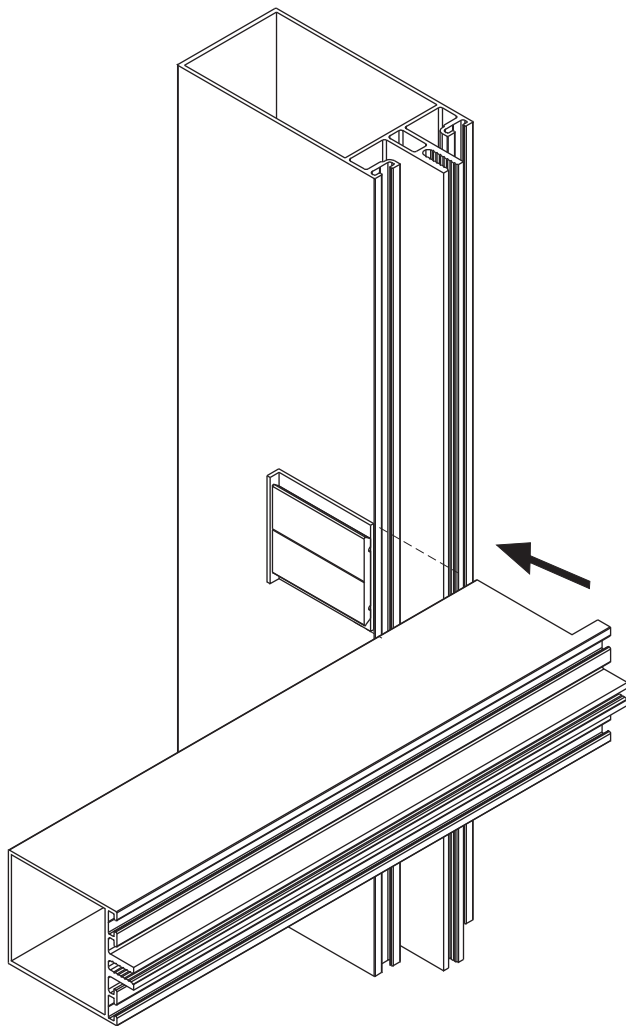
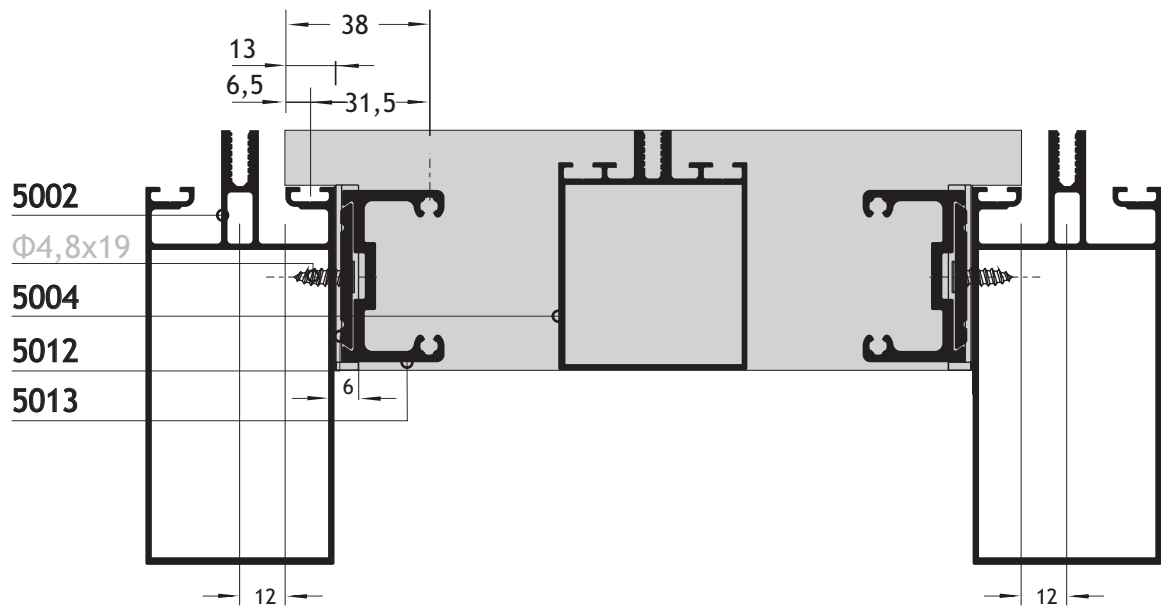




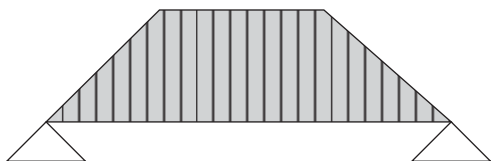






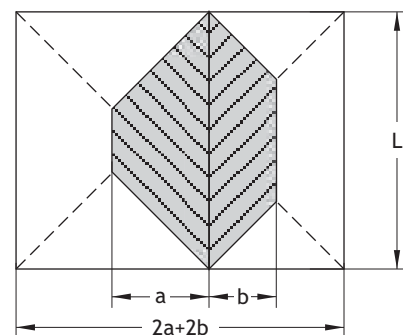


Инерционен момент при трапецовидно натоварване  
Moment of inertia for trapezoidal load



Фактор на ветрово налягане / Wind Pressure Factor

Строителна височина / Building height (m)	Налягане на вятъра / Wind pressure (kN/m <sup>2</sup> )
0 - 8	0,5
8 - 20	0,8
20 - 100	1,1



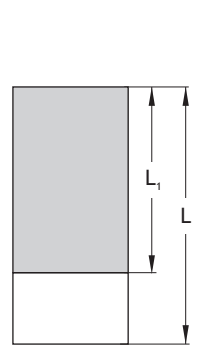
L=ефективна височина в см  
L=Effective height in cm  
a=ефективна широчина в см  
a=Effective width in cm  
b=ефективна широчина в см  
b=Effective width in cm  
 $f = L / 300, f_1 = 8mm$

налягане на вятъра Wind pressure	Алуминий / Aluminium (E=7.10 <sup>5</sup> кр/см <sup>2</sup> )									
	Инерционен момент Ja или Jb (см <sup>4</sup> ) / Moment of inertia Ja or Jb (cm <sup>4</sup> )									
1,0 kN/m <sup>2</sup>	Ефективна широчина( a или b) / Effective width (a or b)									
	20	30	40	50	60	70	80	90	100	
Ефективна височина L (см) / L=Effective height L (cm)	100	1,0	1,4	1,7	1,8					
	110	1,4	2,0	2,4	2,6					
	120	1,8	2,6	3,2	3,6	3,7				
	130	2,4	3,4	4,2	4,8	5,1				
	140	3,0	4,3	5,3	6,2	6,7	6,9			
	150	3,7	5,3	6,7	7,8	8,6	9,0			
	160	4,5	6,5	8,2	9,7	10,8	11,5	11,7		
	170	5,4	7,8	10,0	11,9	13,3	14,3	14,8		
	180	6,4	9,3	12,0	14,3	16,2	17,6	18,4	18,7	
	190	7,5	11,0	14,2	17,1	19,4	21,3	22,5	23,2	
	200	8,8	12,9	16,7	20,1	23,0	25,4	27,1	28,2	28,5
	210	10,2	15,0	19,5	23,5	27,1	30,0	32,3	33,8	34,6
	220	11,7	17,3	22,5	27,3	31,5	35,1	38,0	40,1	41,4
	230	13,4	19,8	25,8	31,4	36,4	40,7	44,3	47,0	48,9
	240	15,2	22,5	29,5	35,9	41,7	46,9	51,2	54,6	57,1
	250	17,2	25,5	33,4	40,8	47,6	53,6	58,7	63,0	66,2
	260	19,4	28,8	37,7	46,1	53,9	60,9	67,0	72,1	76,2
	270	21,8	32,3	42,4	51,9	60,7	68,8	75,9	82,0	87,0
	280	24,3	36,0	47,4	58,1	68,1	77,3	85,5	92,7	98,7
	290	27,0	40,1	52,7	64,8	76,1	86,5	95,9	104,2	111,3
300	29,9	44,4	58,5	72,0	84,6	96,4	107,1	116,7	125,0	
310	33,0	49,1	64,7	79,6	93,8	107,0	119,1	130,0	139,6	
320	36,3	54,0	71,3	87,8	103,5	118,3	131,9	144,3	155,3	
330	39,8	59,3	78,3	96,5	113,9	130,3	145,6	159,5	172,0	
340	43,6	64,9	85,7	105,8	125,0	143,2	160,1	175,7	189,8	
350	47,6	70,9	93,6	115,6	136,8	156,8	175,6	193,0	208,8	
360	51,8	77,2	102,0	126,1	149,2	171,2	192,0	211,3	229,0	
370	56,2	83,8	110,9	137,1	162,4	186,5	209,3	230,7	250,4	
380	60,9	90,9	120,2	148,7	176,3	202,7	227,7	251,2	273,0	
390	65,9	98,3	130,1	161,0	191,0	219,7	247,1	272,8	296,8	
400	71,1	106,1	140,4	174,0	206,4	237,7	267,5	295,6	322,0	
450	101,3	151,3	200,6	249,0	296,2	342,0	386,1	428,4	468,7	
500	139,0	207,9	275,9	342,9	408,5	472,6	534,9	595,1	653,0	
550	185,1	276,9	367,9	457,7	546,0	632,6	717,1	799,4	879,1	

Корекционен фактор за  $I_x$  (cm<sup>4</sup>) според дъл. на остъкляване  $L_1 > 240$  cm,  $f_1 \approx 8$  mm  
Correction factor for  $I_x$  (cm<sup>4</sup>) with glazing lengths  $L_1 > 240$  cm,  $f_1 \approx 8$  mm

дъл. на остъкляване / Glazing length (cm)	L - Factor
250	1,04
260	1,08
270	1,12
280	1,17
290	1,21
300	1,25
325	1,35
350	1,46
375	1,56
400	1,67

Корекционен фактор за  $I_x$  (cm<sup>4</sup>), когато  $L_1 < L$ ,  $f_1 < 8$  mm  
Correction factor for  $I_x$  (cm<sup>4</sup>) when  $L_1 < L$ ,  $f_1 < 8$  mm








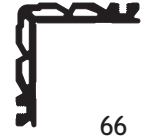


L (cm)	$L_1 / L$		
	0,75	0,66	0,50
400	1,00	1,00	1,00
450	1,05	1,00	1,00
500	1,17	1,00	1,00
550	1,28	1,01	1,00
600	1,40	1,11	1,00


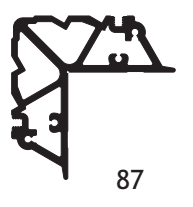
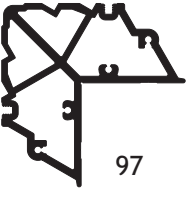
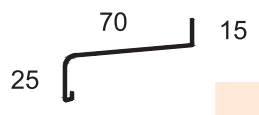
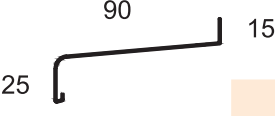
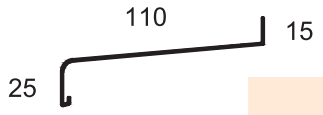
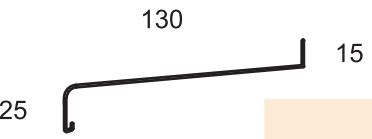
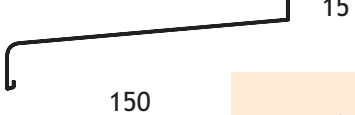
налягане на вятъра Wind pressure		Алуминий / Aluminium ( $E=7 \cdot 10^5$ kp/cm <sup>2</sup> )									
1,0 kN/m <sup>2</sup>		Обща сума от инерционните моменти $J_a$ или $J_b$ / Sum of moments of inertia $J_a$ or $J_b$ (cm <sup>4</sup> )									
		Ефективна широчина / Effective width (a or b)									
		110	120	130	140	150	160	170	180	190	
Ефективна височина / L=Effective height L (cm)	100										
	110										
	120										
	130										
	140										
	150										
	160										
	170										
	180										
	190										
	200										
	210										
	220	41,8									
	230	49,8									
	240	58,7	59,2								
	250	68,4	69,5								
	260	79,1	80,9	81,5							
	270	90,8	93,4	94,6							
	280	103,4	106,9	109,0	109,7						
	290	117,1	121,5	124,5	126,0						
300	131,9	137,3	141,3	143,7	144,5						
310	147,7	154,4	159,4	162,8	164,5						
320	164,8	172,7	178,9	183,4	186,2	187,1					
330	182,9	192,2	199,8	205,5	209,4	211,3					
340	202,4	213,1	222,1	229,2	234,3	237,4	238,4				
350	223,0	235,4	245,9	254,5	260,9	265,3	267,4				
360	245,0	259,1	271,3	281,4	289,3	295,0	298,5	299,6			
370	268,3	284,2	298,2	310,0	319,5	326,8	331,6	334,0			
380	292,9	310,9	326,7	340,3	351,6	360,5	366,9	370,7	372,0		
390	318,9	339,0	356,9	372,4	385,6	396,2	404,3	409,7	412,4		
400	346,4	368,7	388,8	406,4	421,6	434,1	443,9	451,0	455,3		
450	506,7	542,2	575,2	605,4	632,6	656,7	677,7	695,3	709,6		
500	708,3	761,0	810,6	857,1	900,2	939,8	975,7	1007,8	1035,8		
550	956,0	1029,9	1100,4	1167,4	1230,7	1289,9	1345,0	1395,7	1441,9		


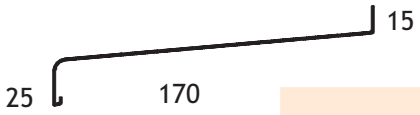
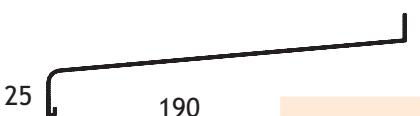



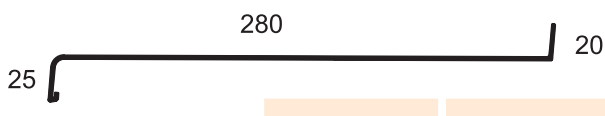
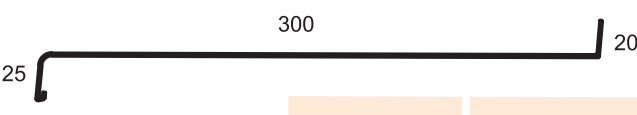





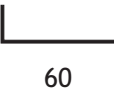




# ДОПЪЛНИТЕЛНИ ПРОФИЛИ

## EXTRA PROFILES

ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
1019 	115			92	КРИЛО ЗА КОМАРНИК FLY-SCREEN SASH	228
1001 	189			95	КРИЛО ЗА КОМАРНИК FLY-SCREEN SASH	228
1002 	333			139	КРИЛО ЗА КОМАРНИК FLY-SCREEN SASH	228
1013 	325			117	ДЕЛИТЕЛ ЗА КОМАРНИК FLY-SCREEN T-PROFILE	229
1003 	2368	34,31	34,31	305	ЪГЛО- НАБИВНА СГЛОБКА CLEAT	238
1012 	2466	33	33	303	ЪГЛО- НАБИВНА СГЛОБКА CLEAT	239
1004 	3045	47,83	47,83	346	ЪГЛО- НАБИВНА СГЛОБКА CLEAT	240

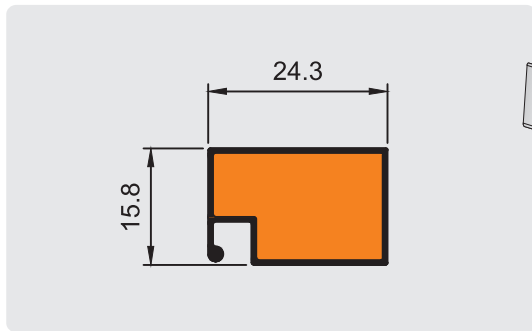
ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
		$I_x$	$J_y$			
1005 87  87	3967	79,68	79,68	363	ЪГЛО- НАБИВНА СГЛОБКА  CLEAT	241
1006 97  97	4557	109,30	109,30	395	ЪГЛО- НАБИВНА СГЛОБКА  CLEAT	242
1015  25 70 15	361			227	ПОДПРОЗО- РЕЧНА ДЪСКА  SILL	232
1016  25 90 15	424			265	ПОДПРОЗО- РЕЧНА ДЪСКА  SILL	232
1017  25 110 15	529			305	ПОДПРОЗО- РЕЧНА ДЪСКА  SILL	232
1018  25 130 15	599			345	ПОДПРОЗО- РЕЧНА ДЪСКА  SILL	232
1007  25 150 15	776			384	ПОДПРОЗО- РЕЧНА ДЪСКА  SILL	232

ПРОФИЛ PROFILE	Тегло Weight (gr/m)	Инерционен момент Moments of inertia		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
		$I_x$ (cm <sup>4</sup> )	$J_y$			
1008 	884			424	ПОДПРОЗО- РЕЧНА ДЪСКА SILL	232
1009 	999			464	ПОДПРОЗО- РЕЧНА ДЪСКА SILL	232
1014 	1217			503	ПОДПРОЗО- РЕЧНА ДЪСКА SILL	232
1020 	1228			560	ПОДПРОЗО- РЕЧНА ДЪСКА SILL	232
1021 	1432			600	ПОДПРОЗО- РЕЧНА ДЪСКА SILL	232
1022 	1750			660	ПОДПРОЗО- РЕЧНА ДЪСКА SILL	232
1023 	1900			700	ПОДПРОЗО- РЕЧНА ДЪСКА SILL	232

ПРОФИЛ PROFILE		Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE  (page)
1101 L20x20x1,5	20  20	156	0,22	0,22	80	ВИНКЕЛ ANGULAR PLATE	229
1102 L20x40x1,5	20  40	237	0,27	1,50	120	ВИНКЕЛ ANGULAR PLATE	230
1103 L20x60x1,5	20  60	318	0,29	4,52	160	ВИНКЕЛ ANGULAR PLATE	230
1104 L40x40x1,5	40  40	318	1,89	1,89	160	ВИНКЕЛ ANGULAR PLATE	231
1105 K40x20x1,2	40  20	375	2,88	0,96	120	ВЛОЖКА INSERT	233
1106 K60x20x1,2	60  20	505	8,00	1,39	160	ВЛОЖКА INSERT	233
1107 K40x40x1,2	40  40	505	4,69	4,69	160	ВЛОЖКА INSERT	234

ПРОФИЛ PROFILE		Тегло Weight (gr/m)	Инерционен момент Moments of inertia $I_x$ $J_y$ (cm <sup>4</sup> )		Външен Периметър Ext. Perimeter (mm)	Спецификация Specification	Повече на стр. MORE 👁️ (page)
1108 K60x40x1,2	60  40	632	12,12	6,48	200	ВЛОЖКА INSERT	234
1109 K80x40x1,2	80  40	761	24,25	8,29	240	ВЛОЖКА INSERT	235





КРИЛО ЗА КОМАРНИК  
FLY-SCREEN SASH

1019

ТЕГЛО / WEIGHT (gr/m) W=115

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Периметър / Perimeter (mm) P=92

**Акcesoари / Accessories**

сглобка / corner PC01

израв. ъгъл/сглобка  
alignment corner

КРИЛО ЗА КОМАРНИК  
FLY-SCREEN SASH

1001

ТЕГЛО / WEIGHT (gr/m) W=189

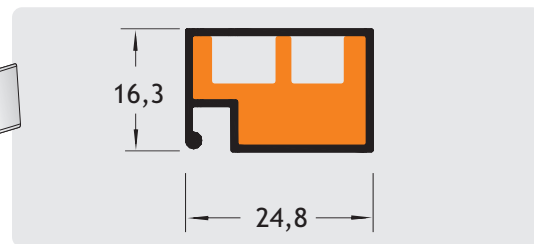
Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Периметър / Perimeter (mm) P=95

**Акcesoари / Accessories**

сглобка / corner PC01

израв. ъгъл/сглобка  
alignment corner



КРИЛО ЗА КОМАРНИК  
FLY-SCREEN SASH

1002

ТЕГЛО / WEIGHT (gr/m) W=333

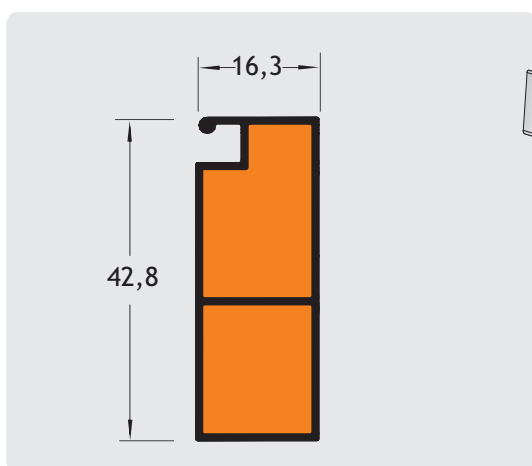
Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

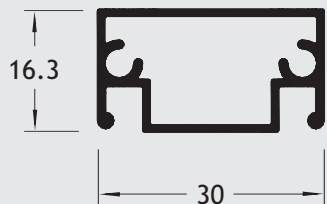
Периметър / Perimeter (mm) P=139

**Акcesoари / Accessories**

сглобка / corner PC01

израв. ъгъл/сглобка  
alignment corner





**ДЕЛИТЕЛ ЗА КОМАРНИК  
FLY-SCREEN T-PROFILE**

**1013**

ТЕГЛО / WEIGHT (gr/m) W=325

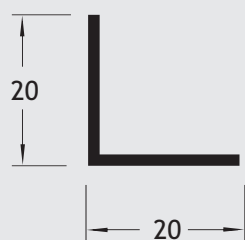
Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

Периметър / Perimeter (mm) P=117

**Акcesoари / Accessories**

сглобка / corner

израв. ъгъл/сглобка  
alignment corner



**ВИНКЕЛ  
ANGULAR PLATE**

**1101**  
L20x20x1,5

ТЕГЛО / WEIGHT (gr/m) W=156

Инерционен момент  
Moments of INERTIA  
(cm<sup>4</sup>)

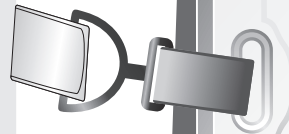
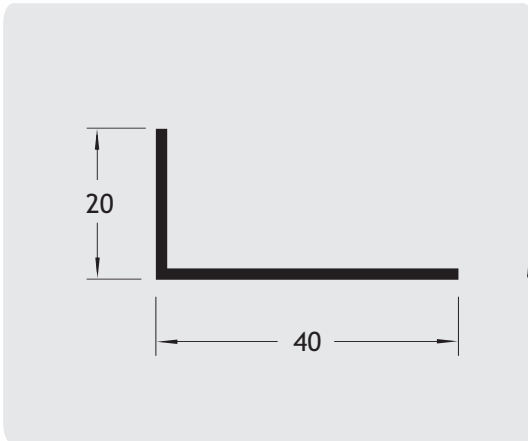
Jy=0,22

Периметър / Perimeter (mm) P=80

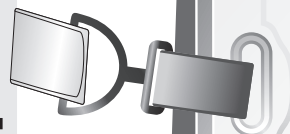
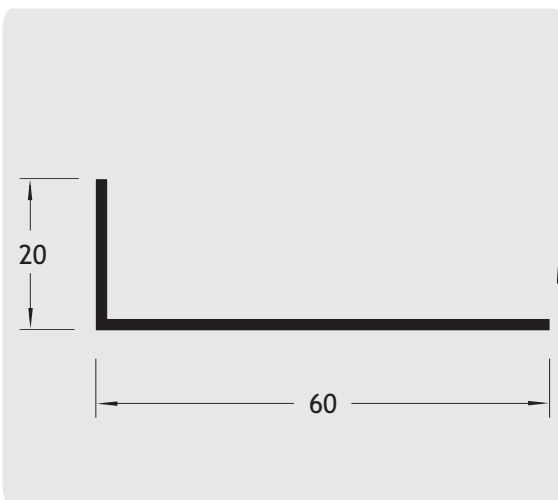
**Акcesoари / Accessories**

сглобка / corner

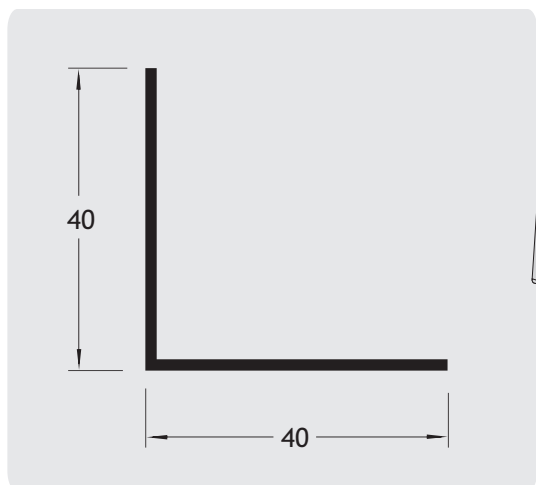
израв. ъгъл/сглобка  
alignment corner



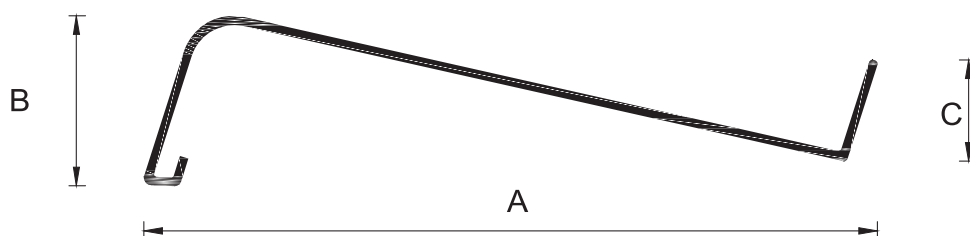
<b>ВИНКЕЛ ANGULAR PLATE</b>	<b>1102 L20x40x1,5</b>
ТЕГЛО / WEIGHT (gr/m)	W=237
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,27
	J <sub>y</sub> =1,50
Периметър / Perimeter (mm)	P=120
<b>Акcesoари / Accessories</b>	
сглобка / corner	<input type="text"/>
израв. ъгъл/сглобка alignment corner	<input type="text"/>



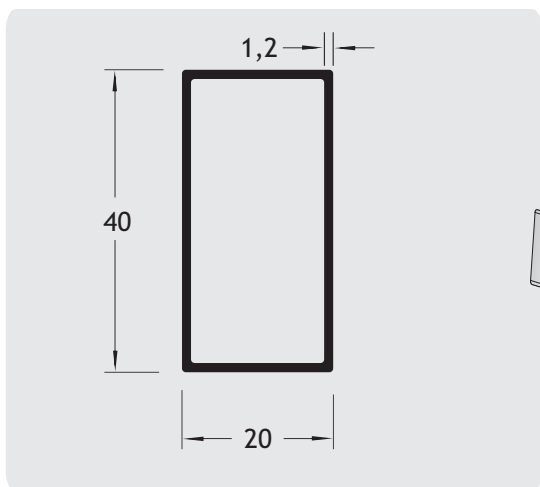
<b>ВИНКЕЛ ANGULAR PLATE</b>	<b>1103 L20x60x1,5</b>
ТЕГЛО / WEIGHT (gr/m)	W=318
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =0,29
	J <sub>y</sub> =4,52
Периметър / Perimeter (mm)	P=160
<b>Акcesoари / Accessories</b>	
сглобка / corner	<input type="text"/>
израв. ъгъл/сглобка alignment corner	<input type="text"/>



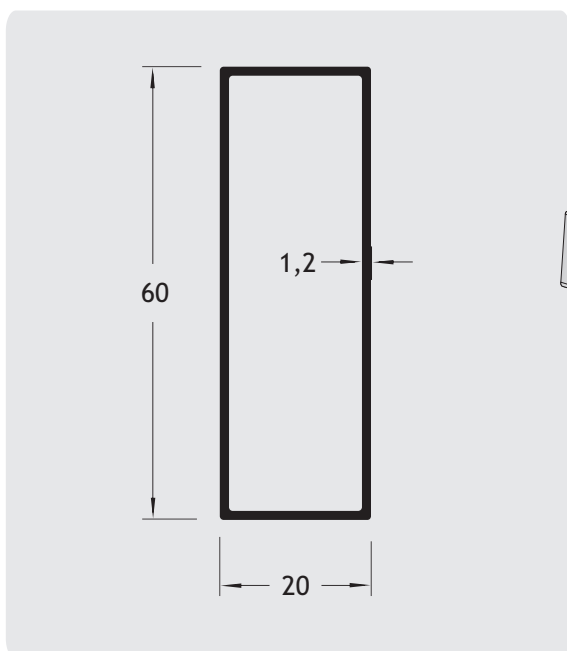
<b>ВИНКЕЛ</b> <b>ANGULAR PLATE</b>	<b>1104</b> L40x40x1,5
ТЕГЛО / WEIGHT (gr/m)	W=318
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =1,89
	J <sub>y</sub> =1,89
Периметър / Perimeter (mm)	P=160
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



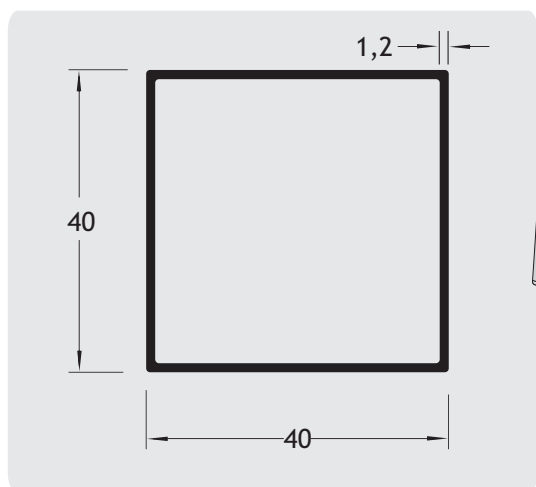
1015	A - 70 mm	B - 25 mm	C - 15 mm	<i>361 gr/m</i>
1016	A - 90 mm	B - 25 mm	C - 15 mm	<i>424 gr/m</i>
1017	A - 110 mm	B - 25 mm	C - 15 mm	<i>529 gr/m</i>
1018	A - 130 mm	B - 25 mm	C - 15 mm	<i>599 gr/m</i>
1007	A - 150 mm	B - 25 mm	C - 15 mm	<i>776 gr/m</i>
1008	A - 170 mm	B - 25 mm	C - 15 mm	<i>884 gr/m</i>
1009	A - 190 mm	B - 25 mm	C - 15 mm	<i>999 gr/m</i>
1014	A - 210 mm	B - 25 mm	C - 15 mm	<i>1217 gr/m</i>
1020	A - 230 mm	B - 25 mm	C - 20 mm	<i>1228 gr/m</i>
1021	A - 250 mm	B - 25 mm	C - 20 mm	<i>1432 gr/m</i>
1022	A - 280 mm	B - 25 mm	C - 20 mm	<i>1750 gr/m</i>
1023	A - 300 mm	B - 25 mm	C - 20 mm	<i>1900 gr/m</i>



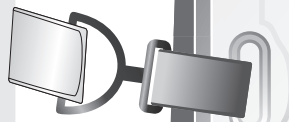
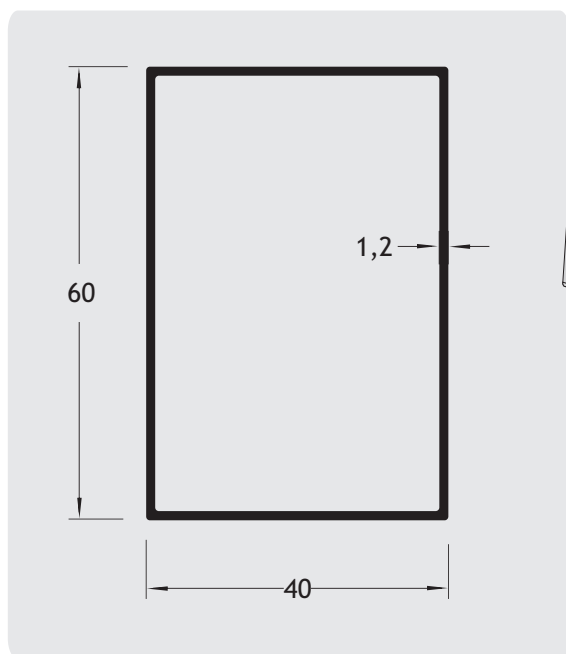
<b>ВЛОЖКА INSERT</b>	<b>1105 K40x20x1,2</b>
ТЕГЛО / WEIGHT (gr/m)	W=375
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=2,88
	Jy=0,96
Периметър / Perimeter (mm)	P=120
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



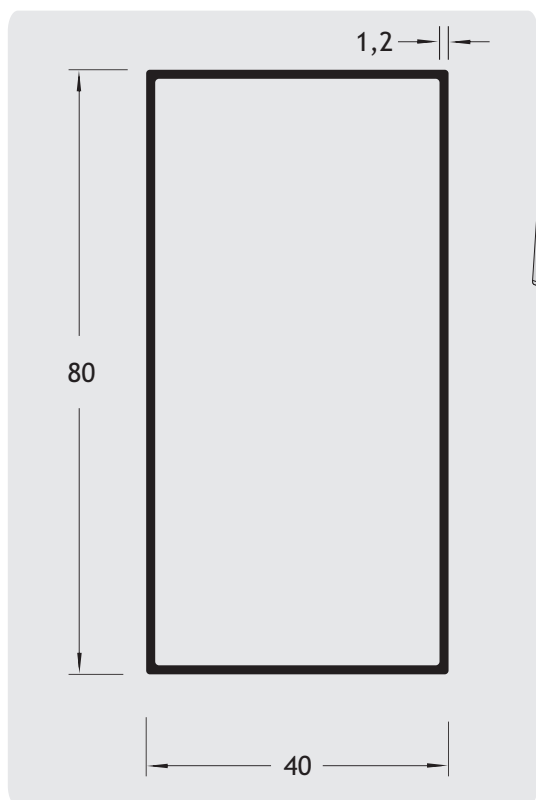
<b>ВЛОЖКА INSERT</b>	<b>1106 K60x20x1,2</b>
ТЕГЛО / WEIGHT (gr/m)	W=505
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=8,00
	Jy=1,39
Периметър / Perimeter (mm)	P=160
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>ВЛОЖКА INSERT</b>	<b>1107 K40x40x1,2</b>
ТЕГЛО / WEIGHT (gr/m)	W=505
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =4,69
	J <sub>y</sub> =4,69
Периметър / Perimeter (mm)	P=160
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>ВЛОЖКА INSERT</b>	<b>1108 K60x40x1,2</b>
ТЕГЛО / WEIGHT (gr/m)	W=632
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	I <sub>x</sub> =12,12
	J <sub>y</sub> =6,48
Периметър / Perimeter (mm)	P=200
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



<b>ВЛОЖКА INSERT</b>	<b>1109 K80x40x1,2</b>
ТЕГЛО / WEIGHT (gr/m)	W=761
Инерционен момент Moments of INERTIA (cm <sup>4</sup> )	Ix=24,25
	Jy=8,29
Периметър / Perimeter (mm)	P=240
<b>Акcesoари / Accessories</b>	
сглобка / corner	
израв. ъгъл/сглобка alignment corner	



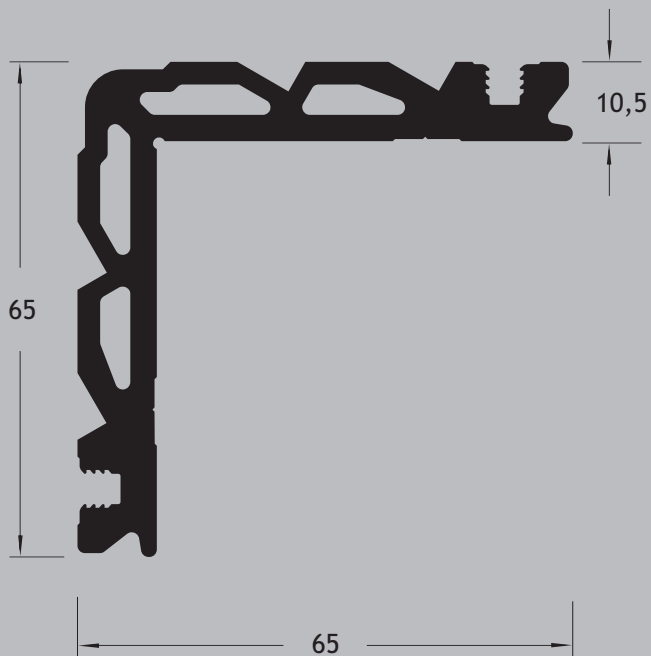


AKCECOAPI

ACCESSORIES

СГЛОБКИ / CORNERS

**ЪГЛОНАБИВНИ СГЛОБКИ**  
**PRESS CONNECTING CORNERS**

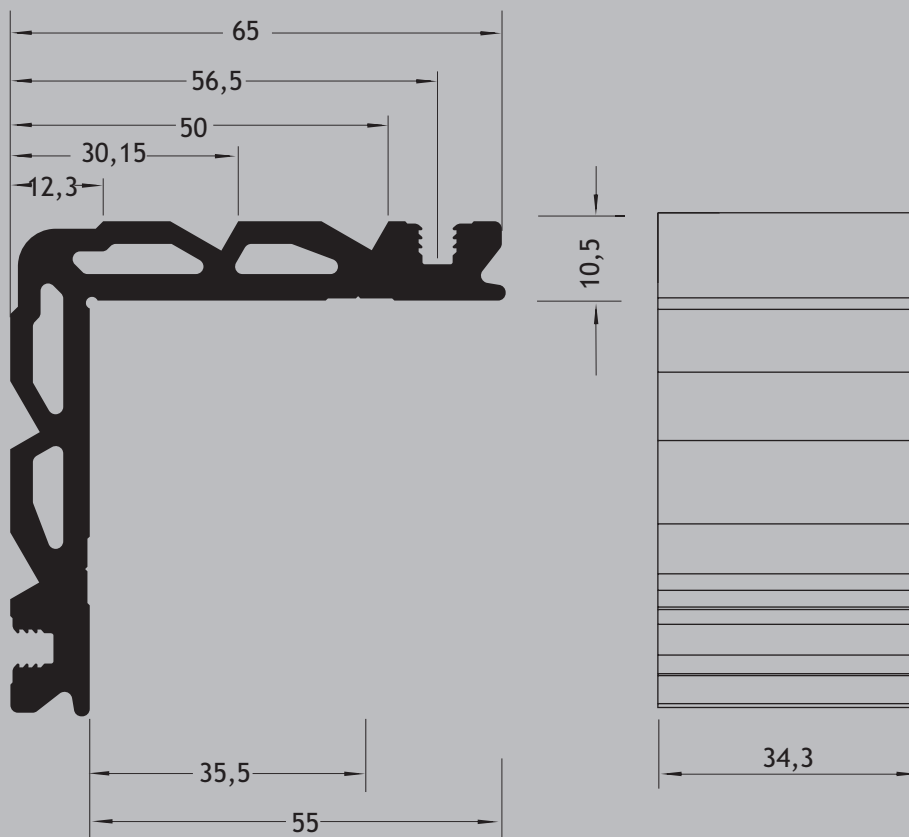


**ЪГЛОНАБИВНА СГЛОБКА** | 1003  
**PRESS CONNECTING CORNER**

ТЕГЛО / WEIGHT (gr/m) | 2368

Инерционен момент  
Moments of INERTIA (cm<sup>4</sup>) | I<sub>x</sub>=34,31 | J<sub>y</sub>=34,31

Периметър / Perimeter (mm) | 305



СГЛОБКИ / CORNERS

**ЪГЛОНАБИВНИ СГЛОБКИ  
PRESS CONNECTING CORNERS**

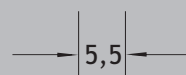
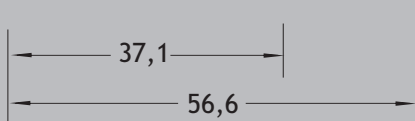
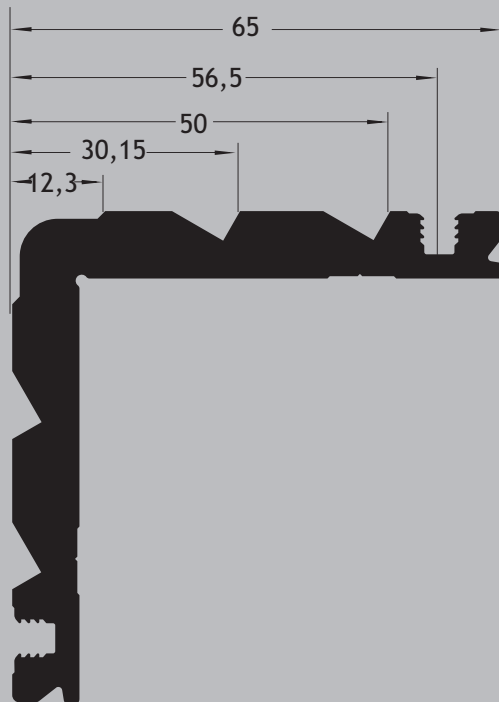
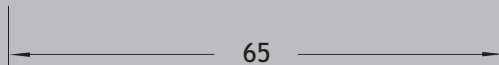


**ЪГЛОНАБИВНА СГЛОБКА | 1012  
PRESS CONNECTING CORNER**

ТЕГЛО / WEIGHT (gr/m) | 2466

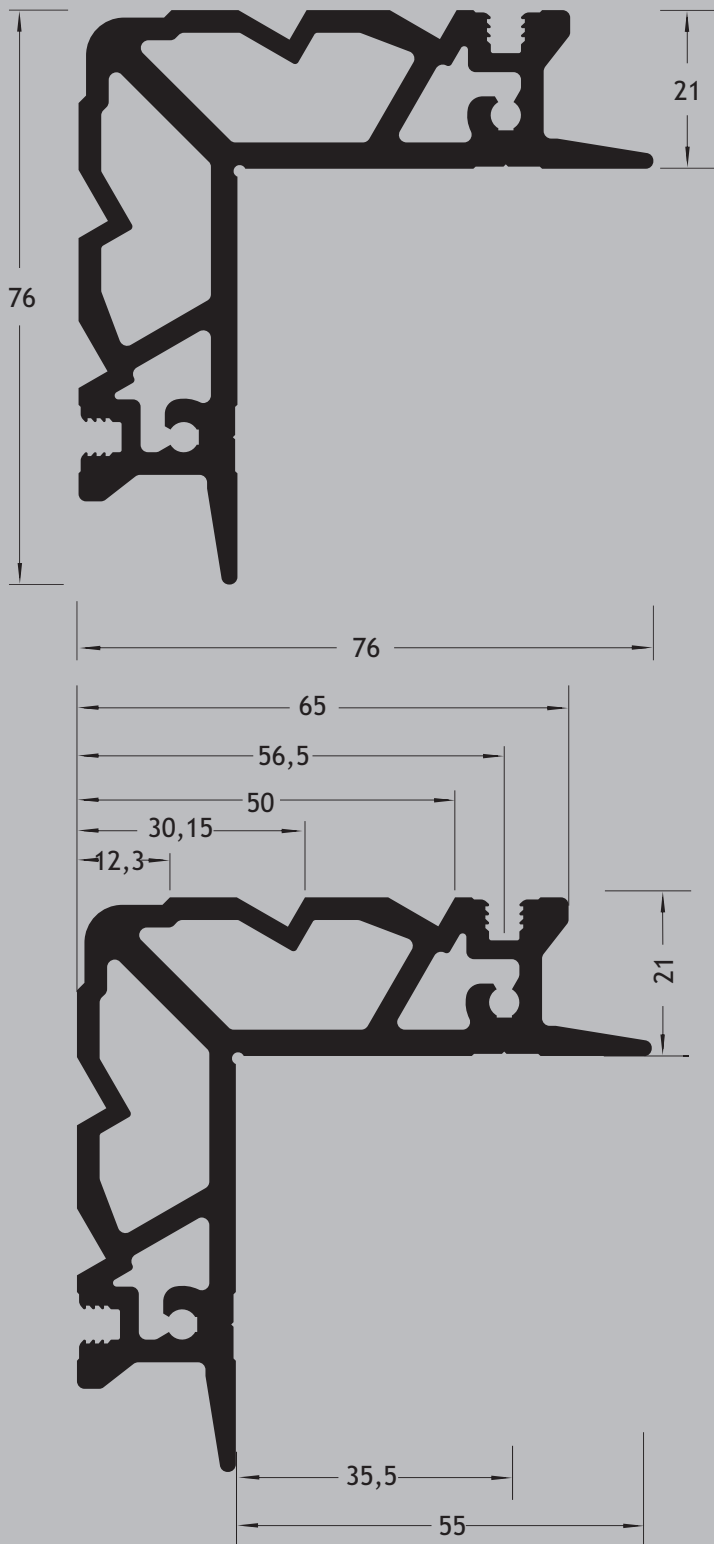
Инерционен момент  
Moments of INERTIA (cm<sup>4</sup>) | I<sub>x</sub>=33 | J<sub>y</sub>=33

Периметър / Perimeter (mm) | 303



СГЛОБКИ / CORNERS

**ЪГЛОНАБИВНИ СГЛОБКИ  
PRESS CONNECTING CORNERS**



**ЪГЛОНАБИВНА СГЛОБКА | 1004  
PRESS CONNECTING CORNER**

ТЕГЛО / WEIGHT (gr/m) | 3045

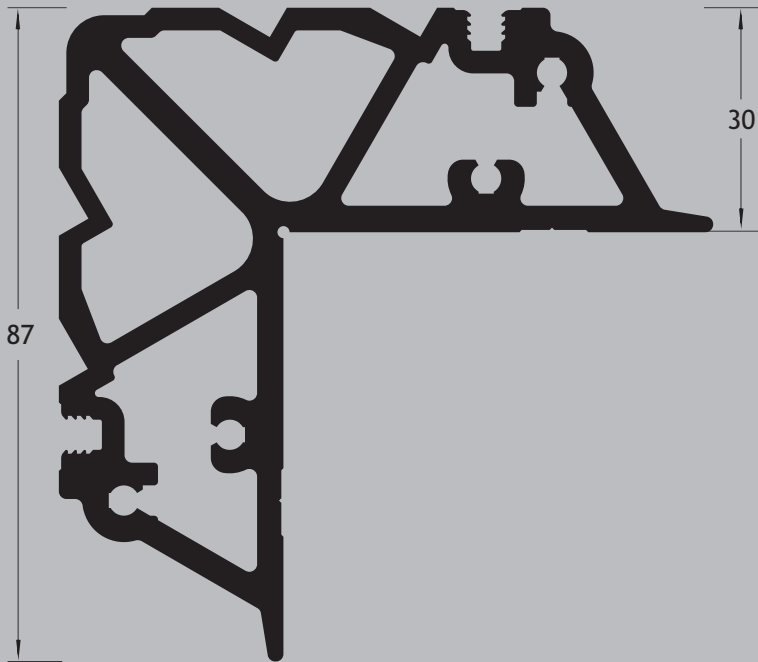
Инерционен момент  
Moments of INERTIA (cm<sup>4</sup>) | I<sub>x</sub>=47,83 | J<sub>y</sub>=47,83

Периметър / Perimeter (mm) | 346



СГЛОБКИ / CORNERS

**ЪГЛОНАБИВНИ СГЛОБКИ**  
**PRESS CONNECTING CORNERS**

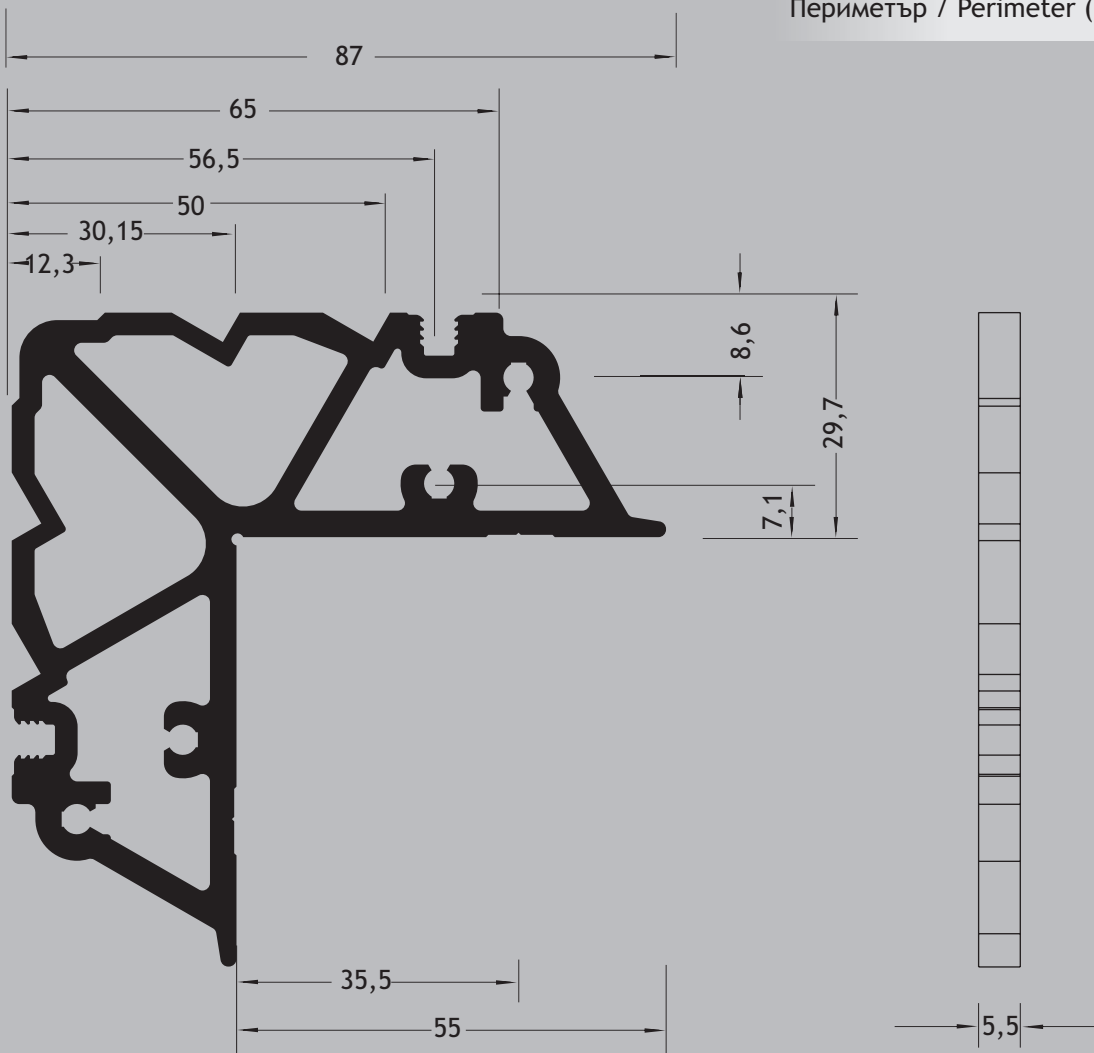


**ЪГЛОНАБИВНА СГЛОБКА** | 1005  
**PRESS CONNECTING CORNER**

ТЕГЛО / WEIGHT (gr/m) | 3967

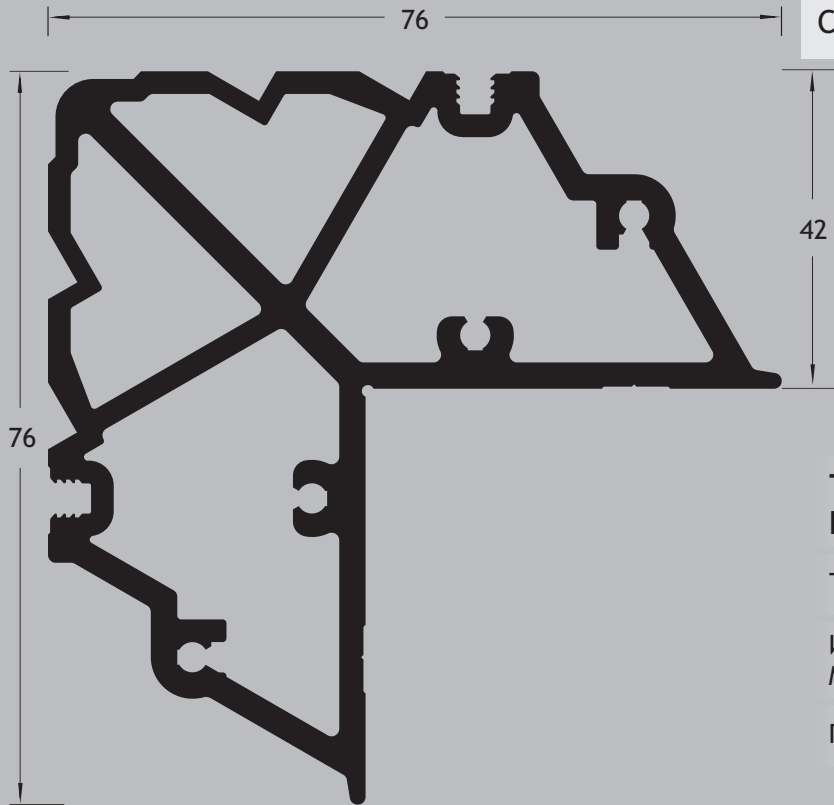
Инерционен момент  
Moments of INERTIA (cm<sup>4</sup>) | I<sub>x</sub>=79,68 | J<sub>y</sub>=79,68

Периметър / Perimeter (mm) | 363



СГЛОБКИ / CORNERS

**ЪГЛОНАБИВНИ СГЛОБКИ**  
**PRESS CONNECTING CORNERS**

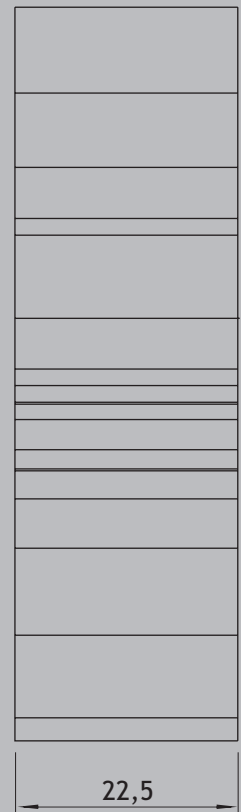
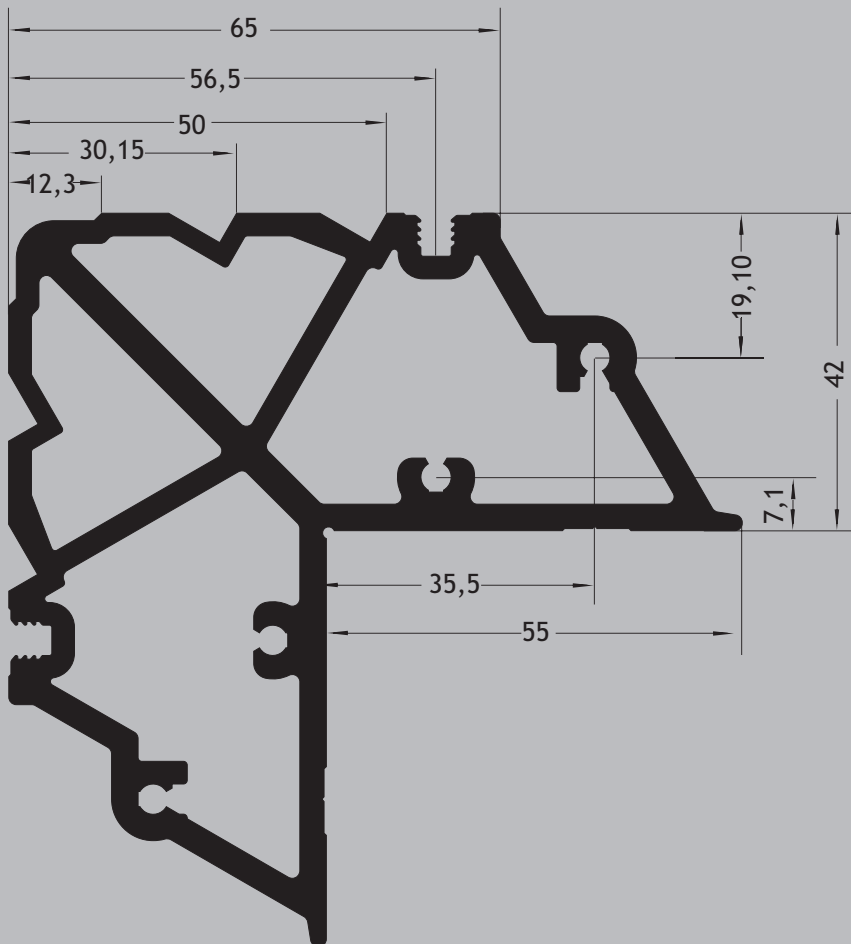


**ЪГЛОНАБИВНА СГЛОБКА** | **1006**  
**PRESS CONNECTING CORNER**

ТЕГЛО / WEIGHT (gr/m) | 4557

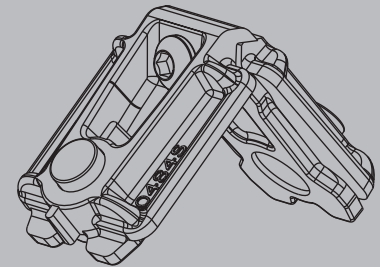
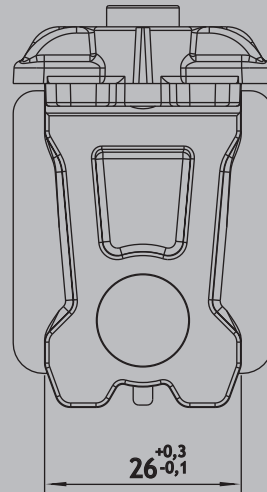
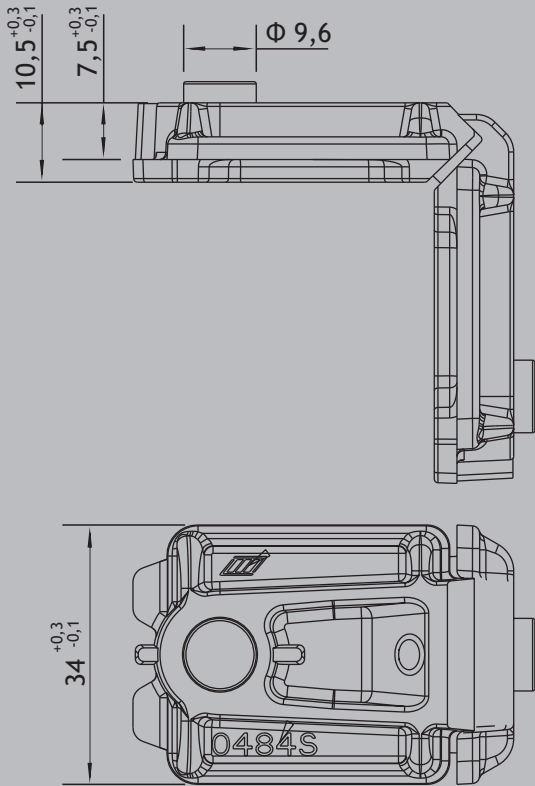
Инерционен момент  
Moments of INERTIA (cm<sup>4</sup>) | I<sub>x</sub>=109,30 | J<sub>y</sub>=109,30

Периметър / Perimeter (mm) | 395



СГЛОБКИ / CORNERS

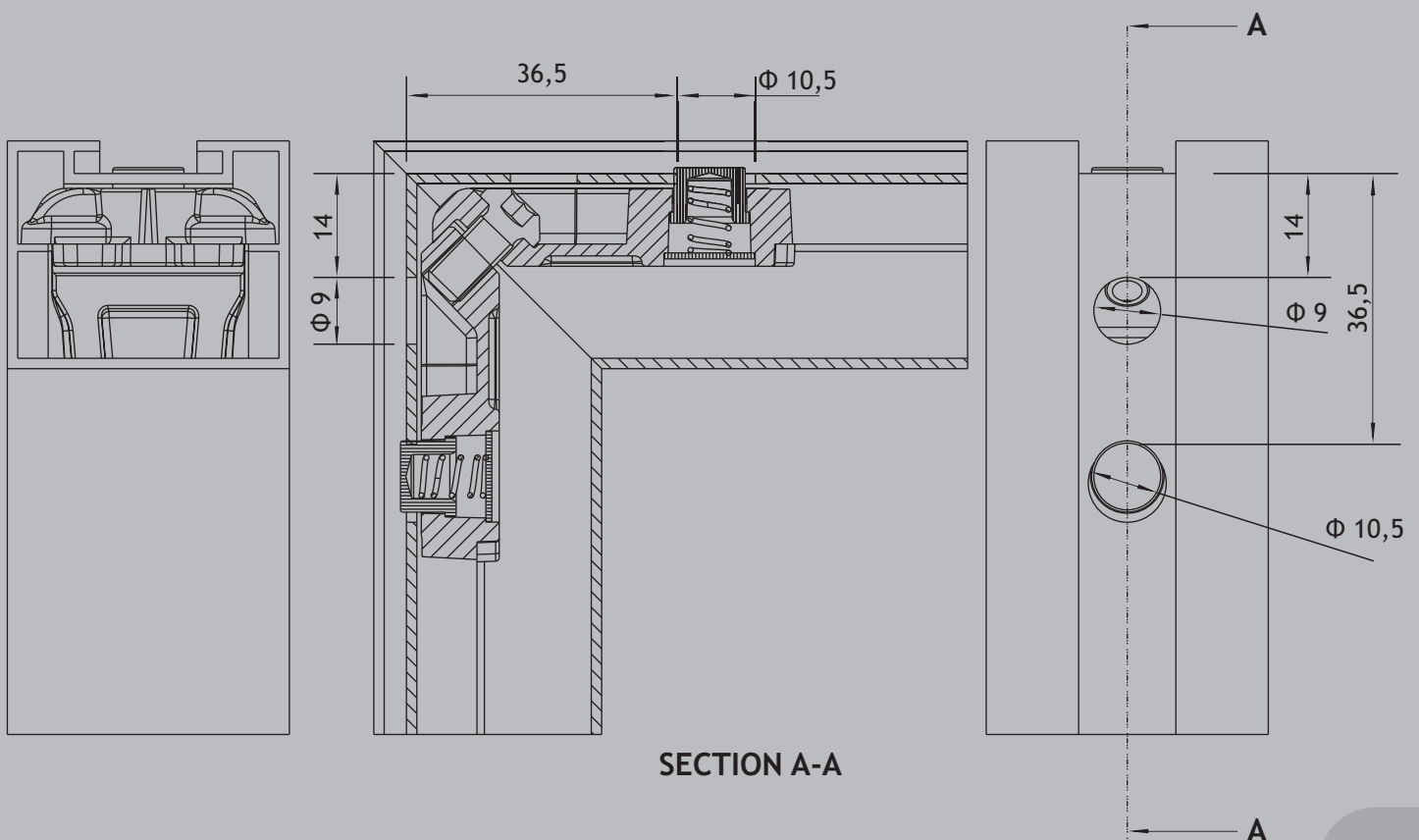
ВИНТОВИ СГЛОБКИ  
SCREW CONNECTING CORNERS



ВИНТОВА СГЛОБКА | 0484S  
SCREW CONNECTING CORNER

МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

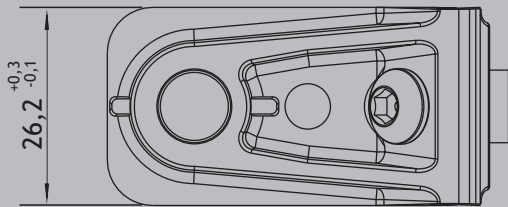
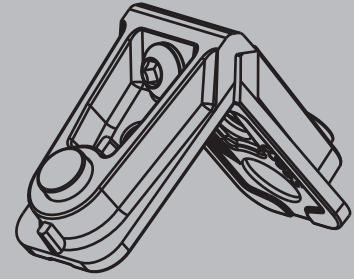
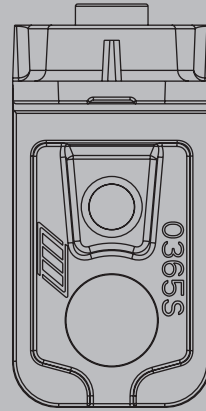
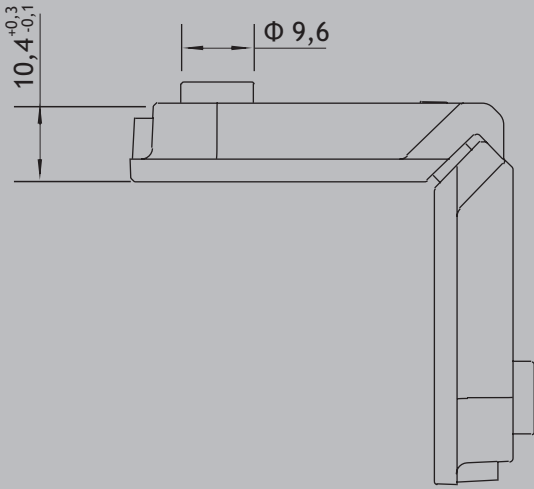
ЦВЯТ |  
COLOR | Mill finish



SECTION A-A

СГЛОБКИ / CORNERS

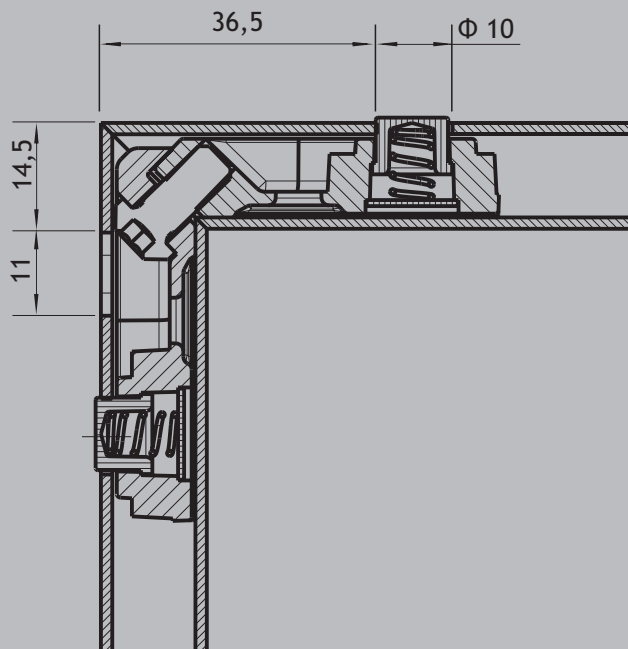
**ВИНТОВИ СГЛОБКИ**  
**SCREW CONNECTING CORNERS**



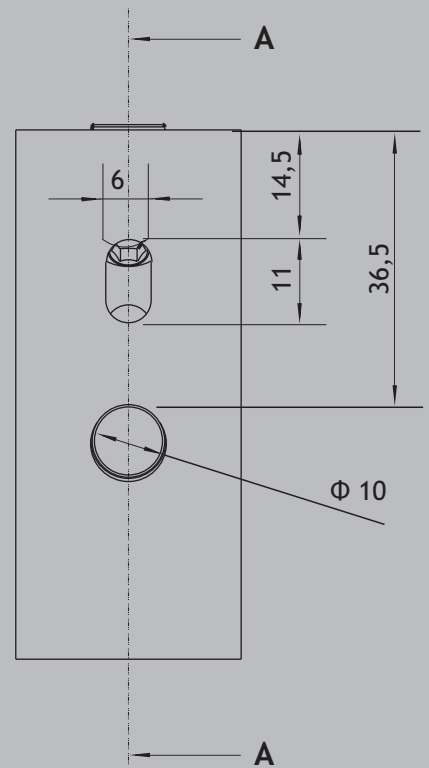
**ВИНТОВА СГЛОБКА** | **0365S**  
**SCREW CONNECTING CORNER**

МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

ЦВЯТ |  
COLOR | Mill finish

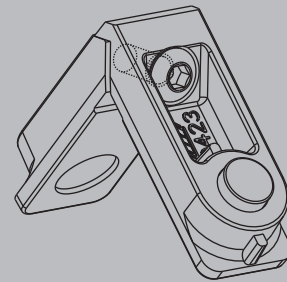
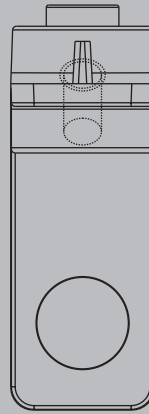
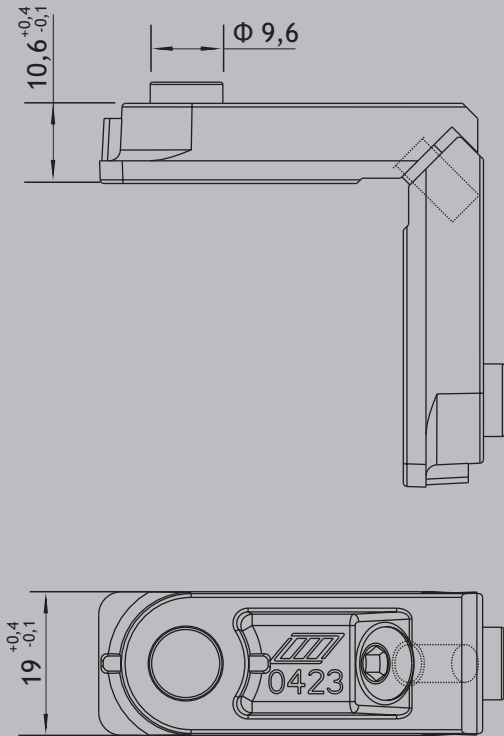


SECTION A-A



СГЛОБКИ / CORNERS

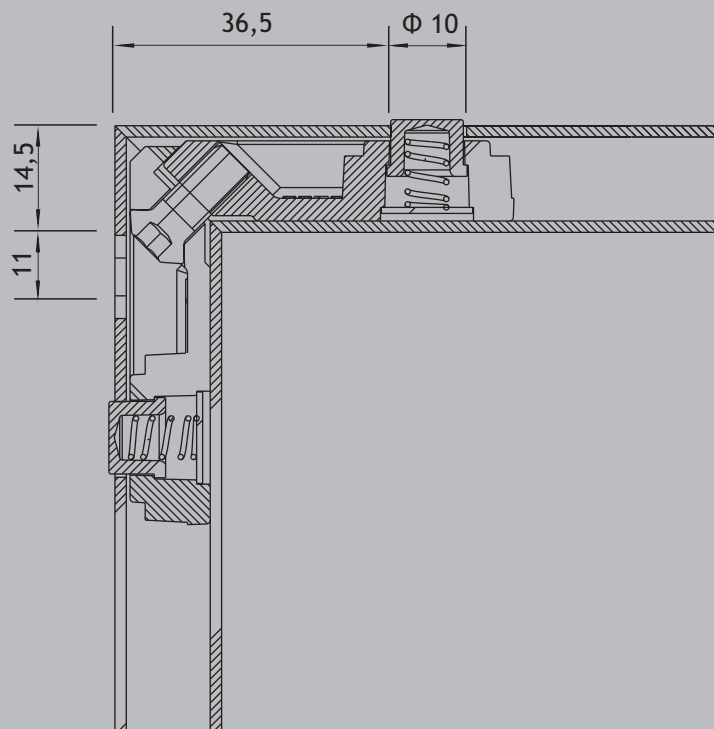
ВИНТОВИ СГЛОБКИ  
SCREW CONNECTING CORNERS



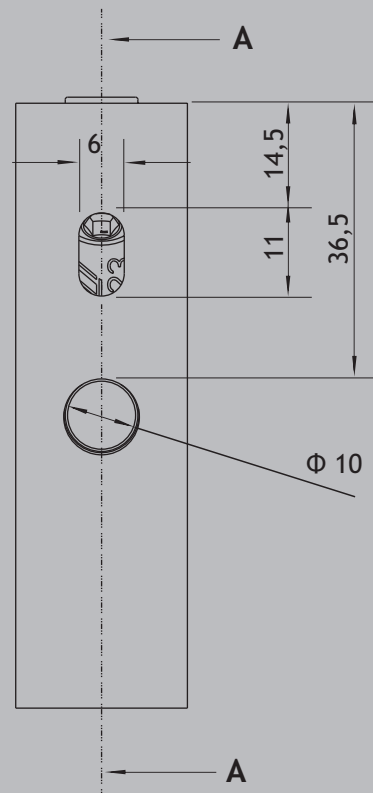
ВИНТОВА СГЛОБКА | 0423  
SCREW CONNECTING CORNER

МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

ЦВЯТ |  
COLOR | Mill finish

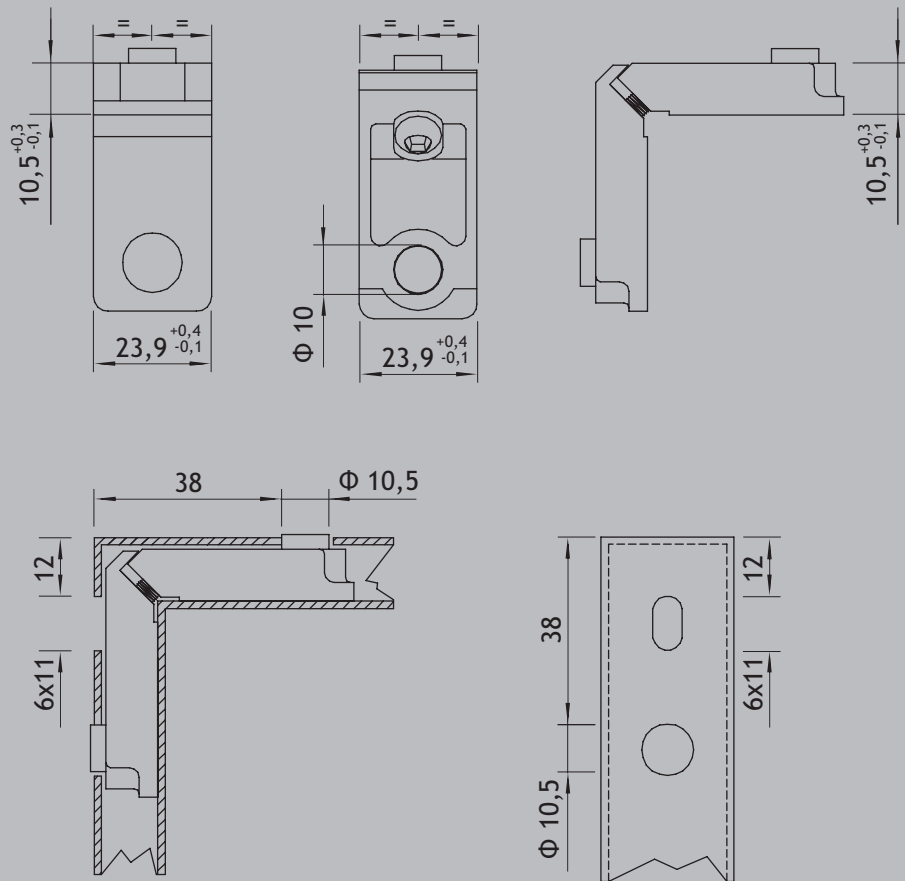


SECTION A-A



СГЛОБКИ / CORNERS

**ВИНТОВИ СГЛОБКИ**  
**SCREW CONNECTING CORNERS**

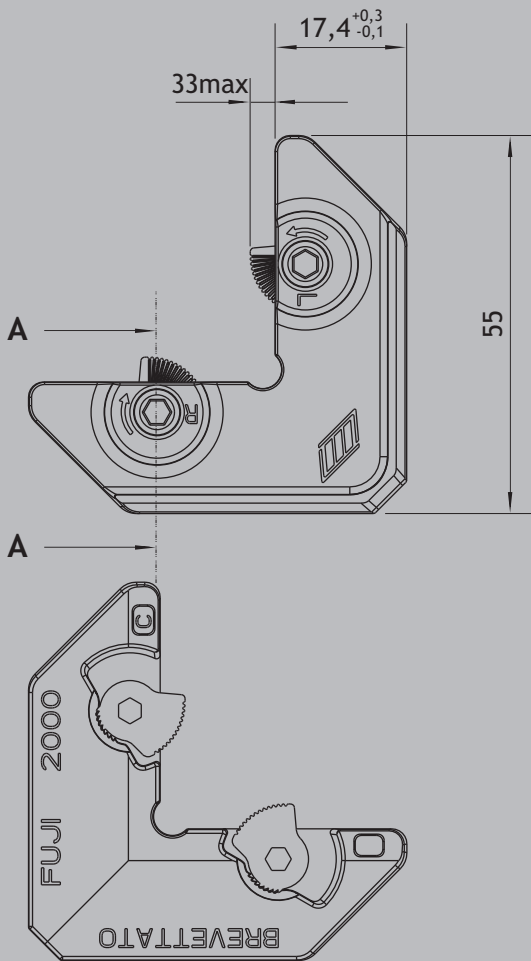


**ВИНТОВА СГЛОБКА** | 0404  
**SCREW CONNECTING CORNER**

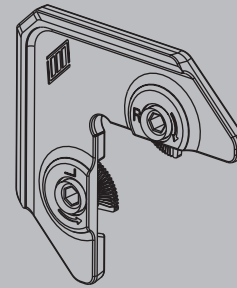
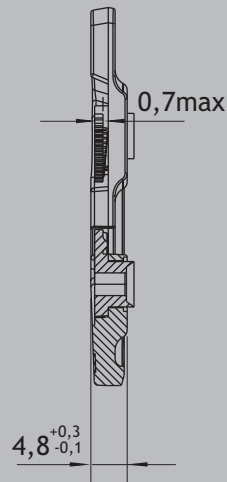
МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

ЦВЯТ |  
COLOR | Mill finish

СГЛОБКИ / CORNERS



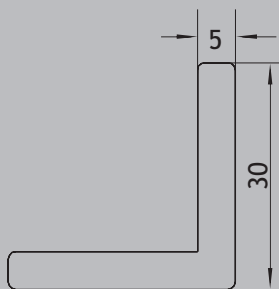
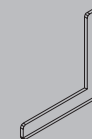
ИЗРАВНИТЕЛНИ ЪГЛИ  
ADJOINING CORNERS



ИЗРАВНИТЕЛЕН ЪГЪЛ | Fuji2000  
ADJOINING CORNER

МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

ЦВЯТ |  
COLOR | Mill finish



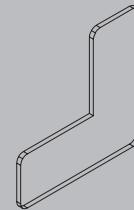
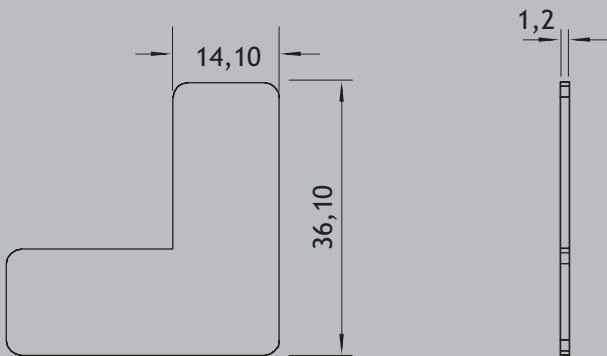
ИЗРАВНИТЕЛЕН ЪГЪЛ | 5x1  
ADJOINING CORNER

МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

ЦВЯТ |  
COLOR | Mill finish

СГЛОБКИ / CORNERS

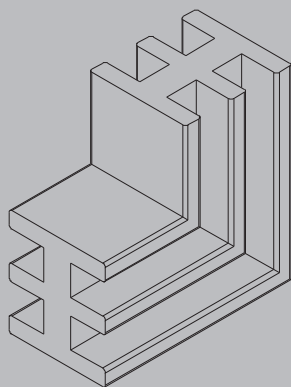
ИЗРАВНИТЕЛНИ ЪГЛИ  
ADJOINING CORNERS



ИЗРАВНИТЕЛЕН ЪГЪЛ | Ac01  
ADJOINING CORNER

МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

ЦВЯТ |  
COLOR | Mill finish

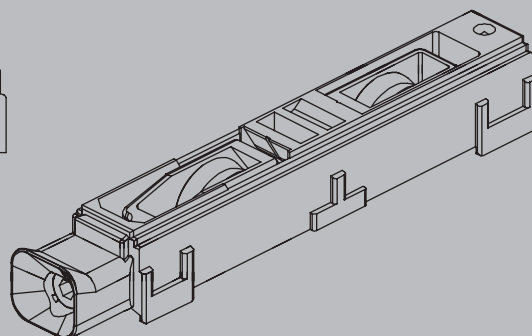
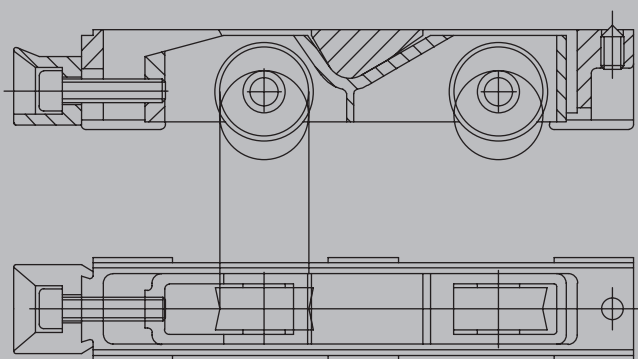


ИЗРАВНИТЕЛЕН ЪГЪЛ | Pc01  
ADJOINING CORNER

МАТЕРИАЛ | Лят алуминий  
MATERIAL | Die cast aluminium

ЦВЯТ |  
COLOR | Mill finish

РОЛКИ / ROLLER

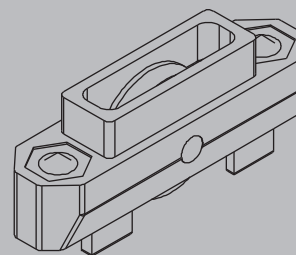
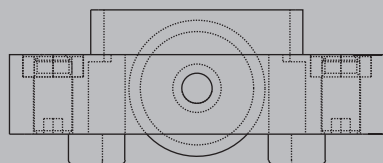
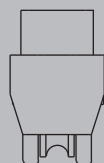


**ДВОЙНИ РОЛКИ**  
**DOUBLE WHEEL**

03120

МАТЕРИАЛ | Полиамид  
MATERIAL | Polyamide

ЦВЯТ | Черен  
COLOR | Black

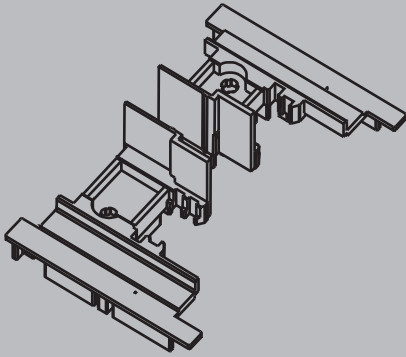


**ЕД. РОЛКИ ЗА КОМАРНИК** | RFS  
**SINGLE WHEEL FOR FLY-SCR.**

МАТЕРИАЛ | Полиамид  
MATERIAL | Polyamide

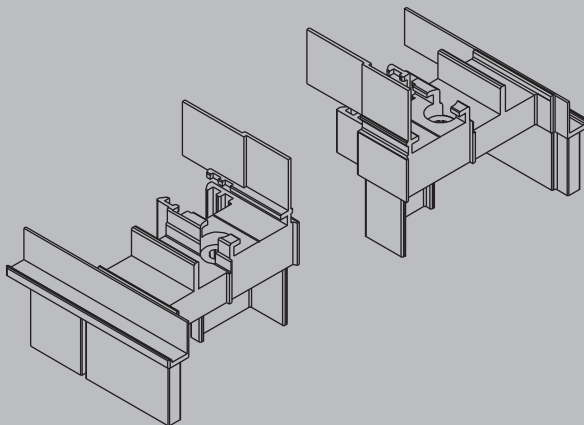
ЦВЯТ | Черен  
COLOR | Black

ПЛАСТМАСОВИ ТАПИ / PLASTIC CAPS



ПЛАСТМАСОВА ТАПА  
PLASTIC CAP

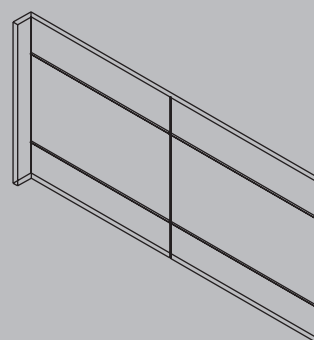
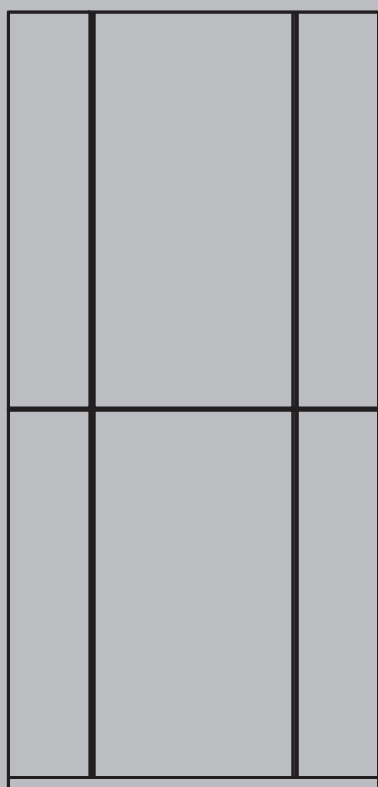
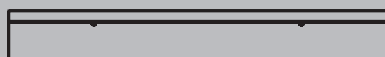
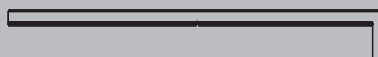
Pc3812



ПЛАСТМАСОВА ТАПА  
PLASTIC CAP

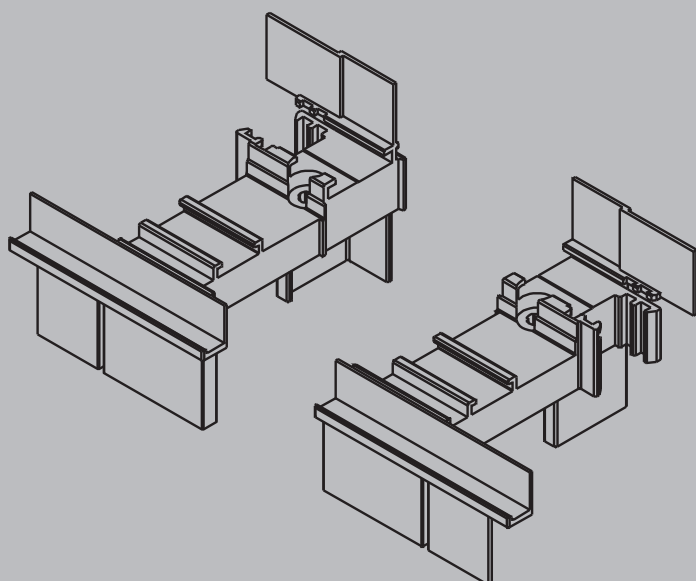
Pc5506

ПЛАСТМАСОВИ ТАПИ / PLASTIC CAPS



ПЛАСТМАСОВА ТАПА  
PLASTIC CAP

| PCCW



ПЛАСТМАСОВА ТАПА  
PLASTIC CAP

| Pc7006

УПЛЪТНИТЕЛИ / GASKETS



**УПЛЪТНИТЕЛ** | G01  
**GLAZING GASKET**

МАТЕРИАЛ MATERIAL	EPDM
ЦВЯТ COLOR	Черен Black



**УПЛЪТНИТЕЛ** | G02  
**GLAZING GASKET**

МАТЕРИАЛ MATERIAL	EPDM
ЦВЯТ COLOR	Черен Black



**УПЛЪТНИТЕЛ** | G03  
**GLAZING GASKET**

МАТЕРИАЛ MATERIAL	EPDM
ЦВЯТ COLOR	Черен Black



**УПЛЪТНИТЕЛ** | G04  
**GLAZING GASKET**

МАТЕРИАЛ MATERIAL	EPDM
ЦВЯТ COLOR	Черен Black



**УПЛЪТНИТЕЛ** | G05  
**GLAZING GASKET**

МАТЕРИАЛ MATERIAL	EPDM
ЦВЯТ COLOR	Черен Black

УПЛЪТНИТЕЛИ / GASKETS



УПЛЪТНИТЕЛ ЗА КОЛОНА | G06  
MULLION GASKET

МАТЕРИАЛ MATERIAL	EPDM
ЦВЯТ COLOR	Черен Black



УПЛЪТНИТЕЛ ЗА РИГЕЛ | G07  
TRANSOM GASKET

МАТЕРИАЛ MATERIAL	EPDM
ЦВЯТ COLOR	Черен Black



GASKET | G08

MATERIAL	EPDM
COLOR	Black
PACKAGE	

ЧЕТКИ / BRUSHES



ЧЕТКА 10 мм | B01  
BRUSH 10mm

МАТЕРИАЛ MATERIAL	
ЦВЯТ COLOR	



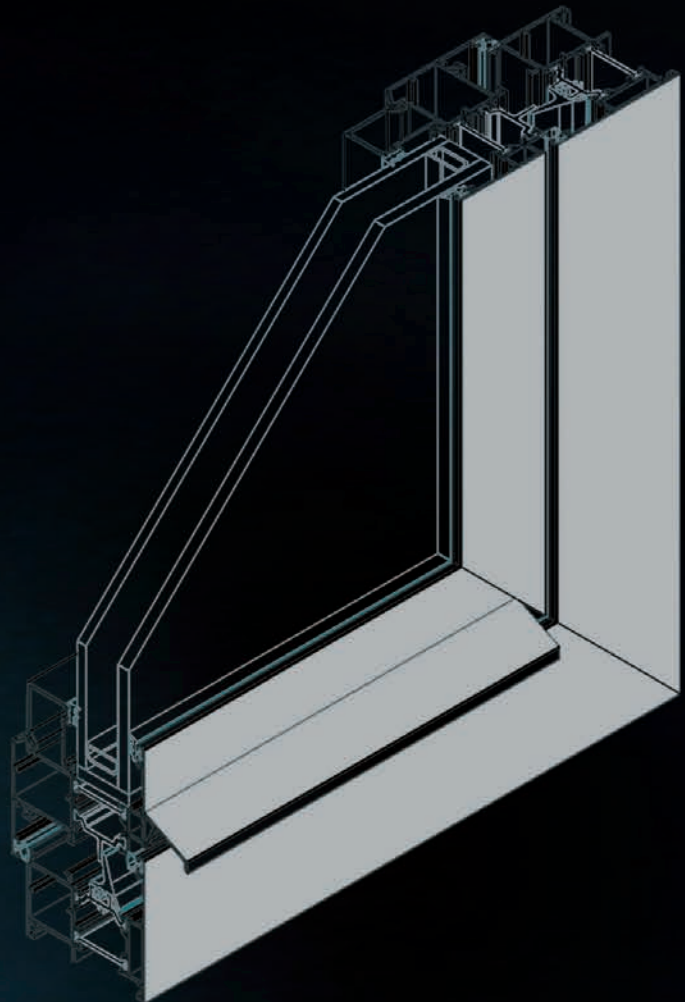
ЧЕТКА 6 мм | B02  
BRUSH 6mm

МАТЕРИАЛ MATERIAL	
ЦВЯТ COLOR	



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