



Linha *Nobile 2.5*

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Catálogo Alumichapas

É com grande satisfação que a **Alumichapas** lança mais uma edição do catálogo de produtos. O catálogo contém toda linha de perfis de alumínio para as mais diversas aplicações. A concepção deste catálogo, foi inteiramente baseada na praticidade da utilização, visando facilitar e auxiliar os parceiros e clientes da **Alumichapas** em sua busca por nossos produtos.

A **Alumichapas** foi fundada em novembro de 1992 e, ao longo dos anos foi ampliando a gama de produtos disponíveis aos clientes, tendo hoje uma linha completa na área de construção civil entre perfis, chapas em alumínio, chapas acrílicas, policarbonato, acessórios em geral, possuindo também, uma linha para móveis atual e sofisticada. A **Alumichapas** hoje, abastece diversas empresas da região e até mesmo empresas em outros estados e se destaca por seus valores voltados à valorização do relacionamento com os clientes, parceiros e colaboradores internos.

Temos buscado ao longo dos anos, melhorar a cada dia nosso atendimento, e um dos meios pelo qual temos feito isso é ouvir nossos clientes e colaboradores, pois acreditamos que essa troca de experiência é vital para o bom funcionamento do mecanismo empresarial como um todo.

Alguns de nossos parceiros:



ÍNDICE GERAL

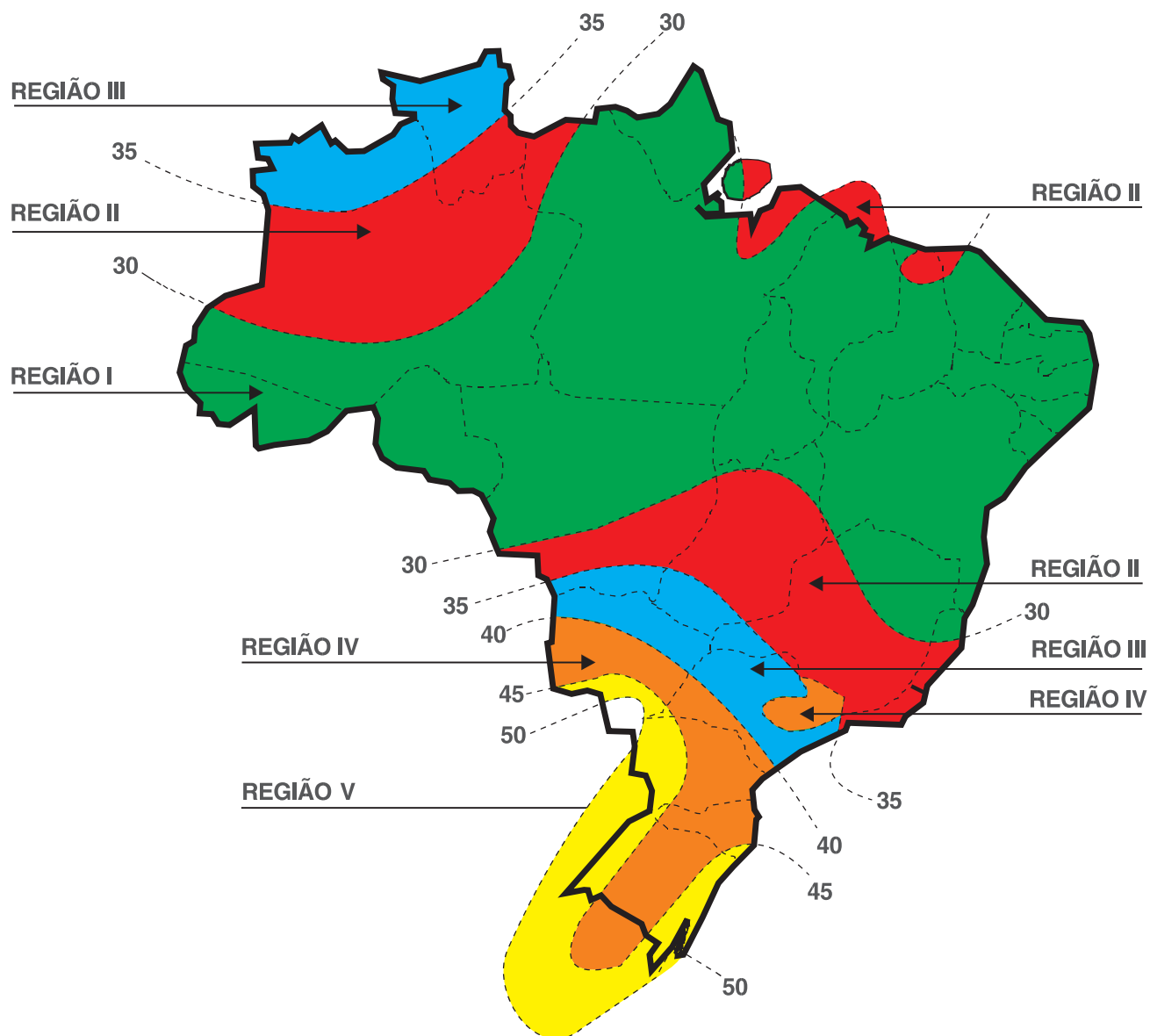
	<i>PÁG.</i>
01 ISOPLETAS DOS VENTOS	01.01 a 01.03
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03 ENSAIOS / GRÁFICOS	03.01 a 03.28
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01

ISOPLETAS DOS VENTOS

Isopletas dos ventos (em metros por segundo)



	—	Região I	até 30 m/s	até 108 km/h
	—	Região II	30 - 35 m/s	108 - 126 km/h
	—	Região III	35 - 40 m/s	126 - 144 km/h
	—	Região IV	40 - 45 m/s	144 - 162 km/h
	—	Região V	45 - 50 m/s	162 - 180 km/h

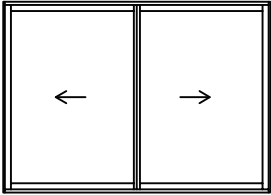
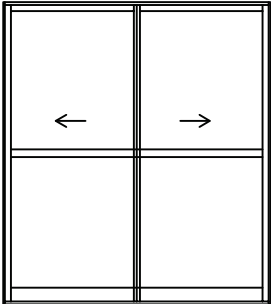
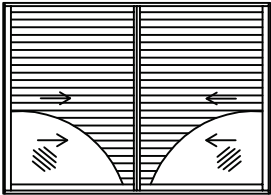
ATENÇÃO: No Brasil, o comportamento estrutural da esquadria está regulamentada pela NORMA 10821. Esta NORMA fixa as condições de caixilhos em edificações residenciais e comerciais e visa assegurar ao consumidor, o recebimento de produtos com condições mínimas exigíveis de desempenho, especificamente quanto à resistência a cargas uniformemente distribuídas e que apresenta um roteiro de cálculo da pressão de ensaio (vento e vedação).

NORMA NBR 10821 - Esquadrias externas para edificações

Tabela 1

Quantidade de pavimentos	Altura máxima	Região do país	Pressão de ensaio P_e , em (Pa) Positiva e negativa $P_e = P_p \times 1,2$	Pressão de segurança P_s , em (Pa) Positiva e negativa $P_s = P_p \times 1,5$	Pressão de água P_a , em (Pa) $P_a = P_p \times 0,20$
02	6 m	I	350	520	60
		II	470	700	80
		III	610	920	100
		IV	770	1 160	130
		V	950	1 430	160
05	15 m	I	420	640	70
		II	580	860	100
		III	750	1 130	130
		IV	950	1 430	160
		V	1 180	1 760	200
10	30 m	I	500	750	80
		II	680	1 030	110
		III	890	1 340	150
		IV	1 130	1 700	190
		V	1 400	2 090	230
20	60 m	I	600	900	100
		II	815	1 220	140
		III	1 060	1 600	180
		IV	1 350	2 020	220
		V	1 660	2 500	280
30	90 m	I	660	980	110
		II	890	1 340	150
		III	1 170	1 750	200
		IV	1 480	2 210	250
		V	1 820	2 730	300

ATENÇÃO: Nos Gráficos de Desempenho a seguir, foram considerados os valores de Pressão de Ensaio de acordo com a ABNT NBR 10821. Para edifícios com especificações, localização, necessidades e exigências especiais de utilização, deve ser consultada a ABNT NBR 6123 para a determinação da pressão de projetos (P_p) e pressão de ensaio (P_e), prevalecendo como mínimos os valores da tabela acima.

Tipologia	Número do Certificado	Ensaio Realizado	Laboratório
 Janela de Correr 02 Planos	RE-02336/14/A e RE-02336/14 Complemento	NBR 10821	ITEC
 Porta de Correr 02 Planos	RE-02339/14/B e RE-02339/14 Complemento	NBR 10821	ITEC
 Janela de Correr 04 Planos com Veneziana	RE-02338/14/A e RE-02338/14 Complemento	NBR 10821	ITEC

Ensaio Realizados Conforme NBR 10821

- Verificação da Penetração de AR.
- Verificação da Estanqueidade à Água.
- Comportamento sob Cargas Uniformemente Distribuídas.
- Verificação da Resistência às Operações de Manuseio.

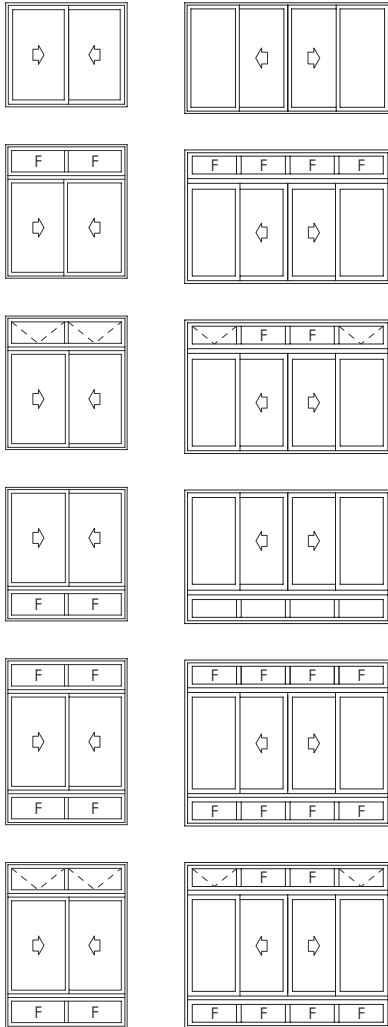
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02

TIPOLOGIA

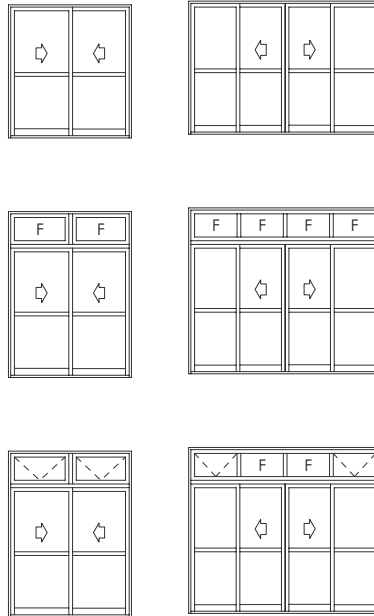
Janelas de Correr

2 Planos - 2 e 4 Folhas



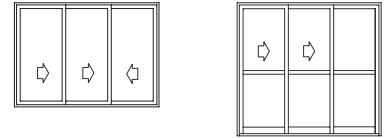
Portas de Correr

2 Planos - 2 e 4 Folhas



Janelas e Portas de Correr

3 Planos - 3 e 6 Folhas



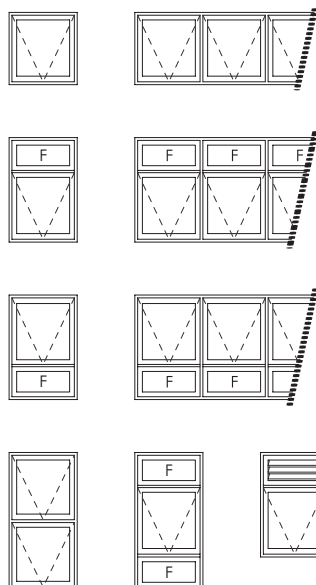
Janelas e Portas de Correr

3 Planos - 3 e 6 Folhas Com Veneziana



Janelas Maxim-ar

1 e Múltiplas Folhas



Quadros Fixos

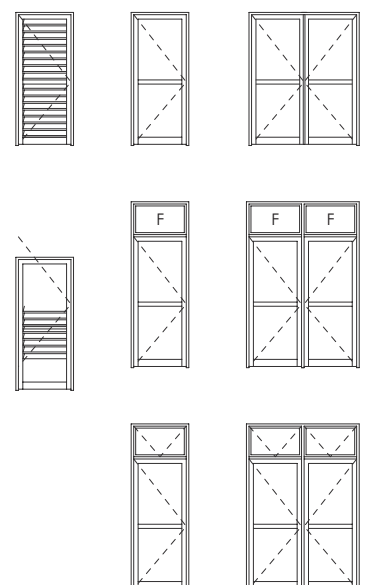


Janela e Porta Integradas



Portas de Giro

1 e 2 Folhas



Portinholas de Giro

1 e 2 Folhas

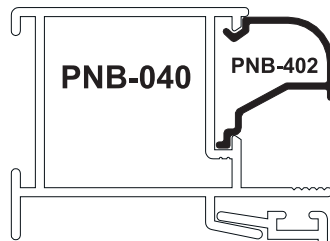


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03

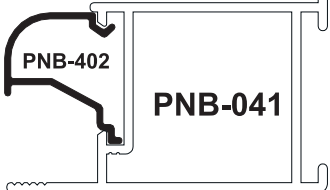
ENSAIOS / GRÁFICOS

Jx	1,93 cm	⁴
Wx	1,25 cm	³



Jx	0,12 cm	⁴
Wx	0,11 cm	³

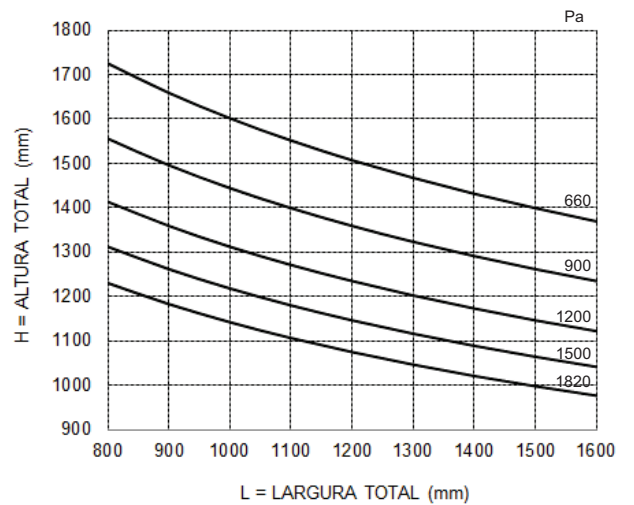
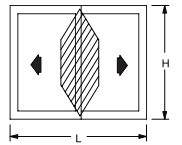
Jx	0,12 cm	⁴
Wx	0,11 cm	³



Jx	2,50 cm	⁴
Wx	1,84 cm	³

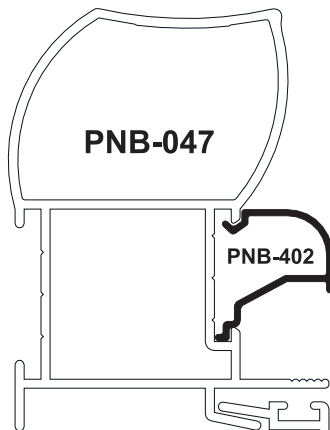
Jxt 4,67 cm ⁴

JANELA
MONTANTE CENTRAL



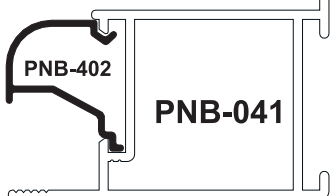
1

Jx	8,95 cm	⁴
Wx	3,10 cm	³



Jx	0,12 cm	⁴
Wx	0,11 cm	³

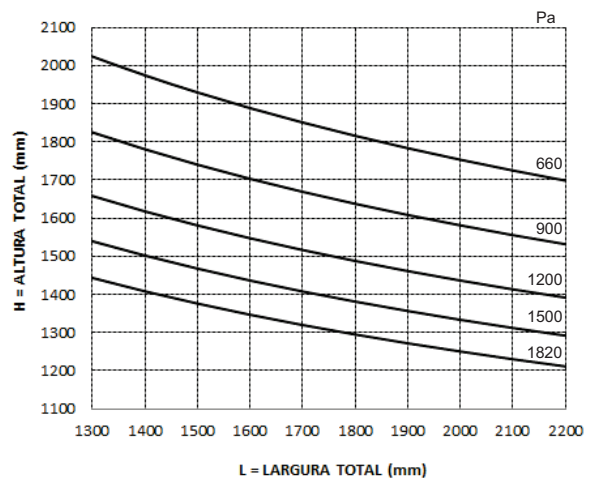
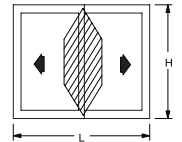
Jx	0,12 cm	⁴
Wx	0,11 cm	³



Jx	2,50 cm	⁴
Wx	1,84 cm	³

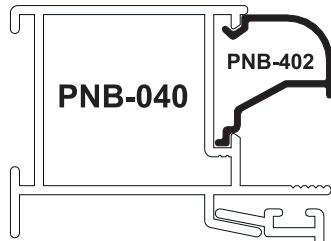
Jxt 11,80 cm ⁴

JANELA
MONTANTE CENTRAL



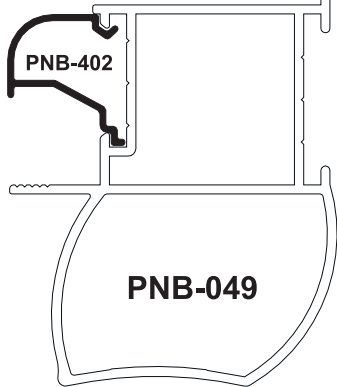
2

Jx 1,93 cm⁴
Wx 1,25 cm³



Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 0,12 cm⁴
Wx 0,11 cm³

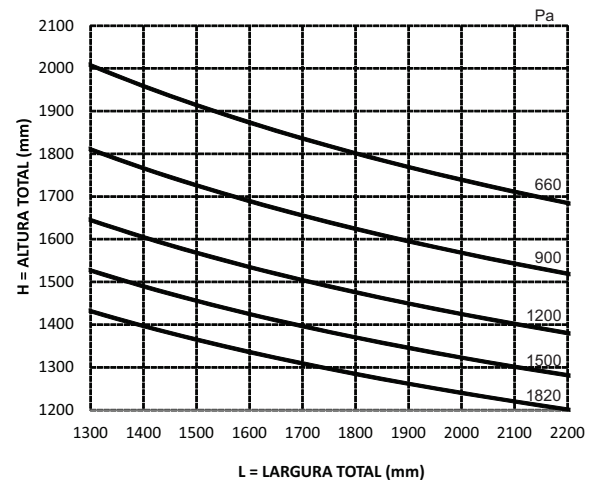
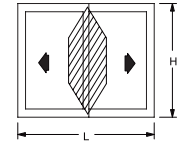


Jx 9,35 cm⁴
Wx 3,20 cm³

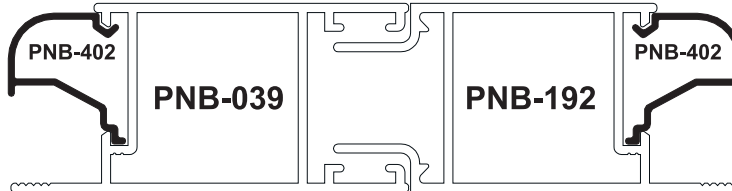
Jxt 11,52 cm⁴

3

JANELA
MONTANTE CENTRAL



Jx 0,12 cm⁴
Wx 0,11 cm³



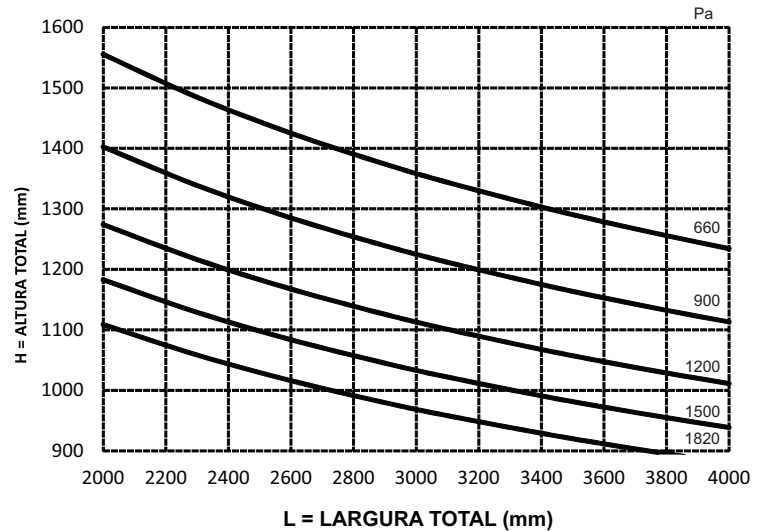
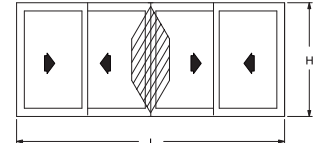
Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 2,11 cm⁴
Wx 1,55 cm³

Jxt 4,12 cm⁴

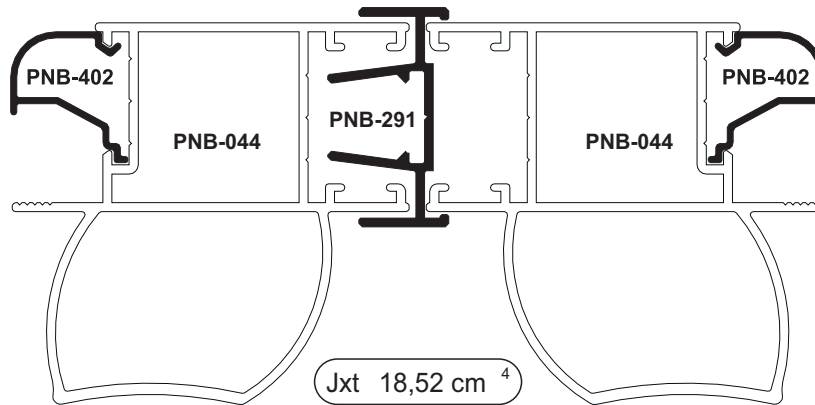
Jx 1,77 cm⁴
Wx 1,33 cm³

JANELA
CENTRAL 4 FOLHAS



4

Jx 0,12 cm⁴
Wx 0,11 cm³

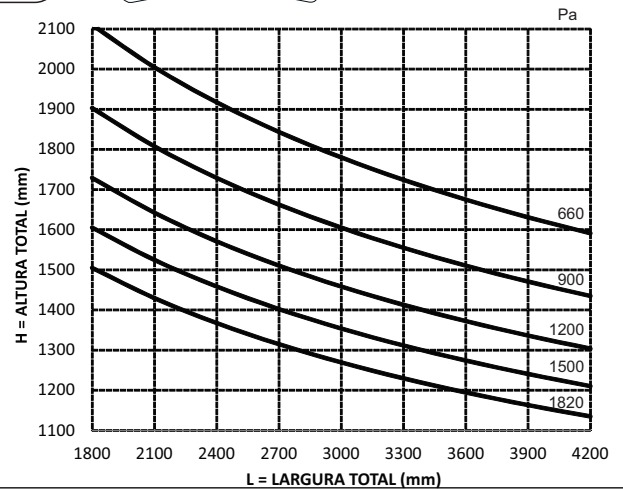
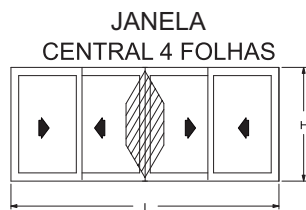


Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 8,61 cm⁴
Wx 2,97 cm³

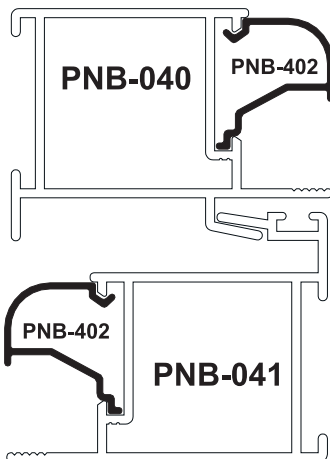
Jx 9,67 cm⁴
Wx 3,27 cm³

Jxt 18,52 cm⁴



5

Jx 1,93 cm⁴
Wx 1,25 cm³

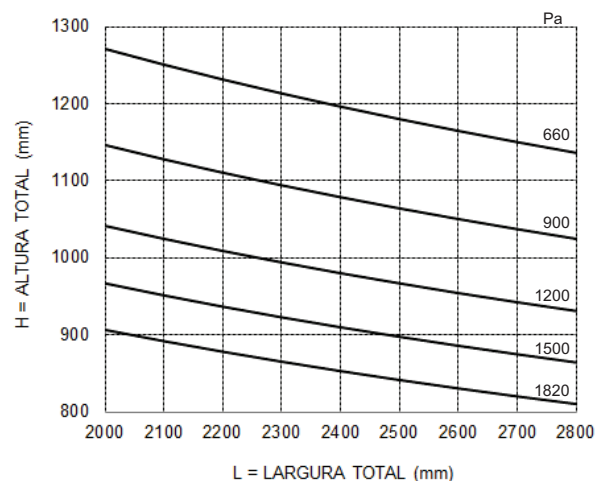
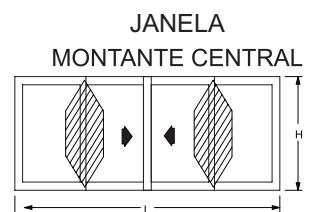


Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 0,12 cm⁴
Wx 0,11 cm³

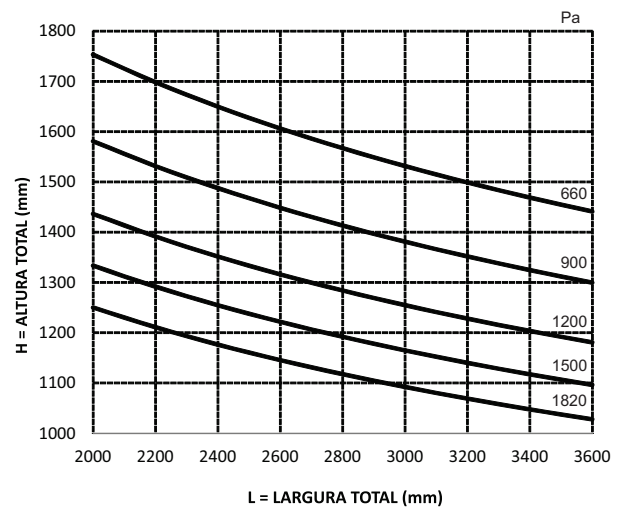
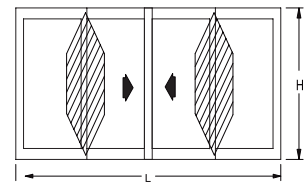
Jx 2,50 cm⁴
Wx 1,84 cm³

Jxt 4,67 cm⁴

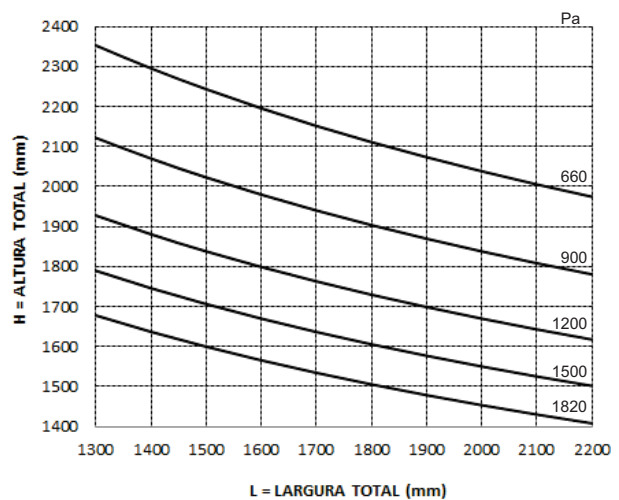
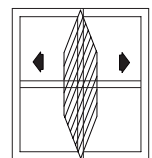


6

JANELA
MONTANTE CENTRAL



PORTA
MONTANTE CENTRAL



Jx 8,95 cm⁴
Wx 3,10 cm³



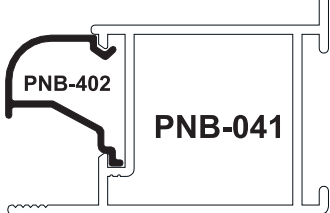
Jx 0,12 cm⁴
Wx 0,11 cm³

PNB-047



PNB-402

Jx 0,12 cm⁴
Wx 0,11 cm³



PNB-041

Jx 2,50 cm⁴
Wx 1,84 cm³

Jxt 11,80 cm⁴

7

Jx 8,95 cm⁴
Wx 3,10 cm³



PNB-047

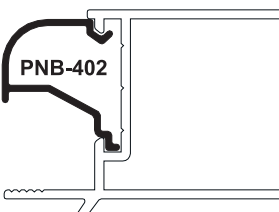
Jx 0,12 cm⁴
Wx 0,11 cm³



PNB-402

Jx1 18,54 cm⁴

Jx 0,12 cm⁴
Wx 0,11 cm³



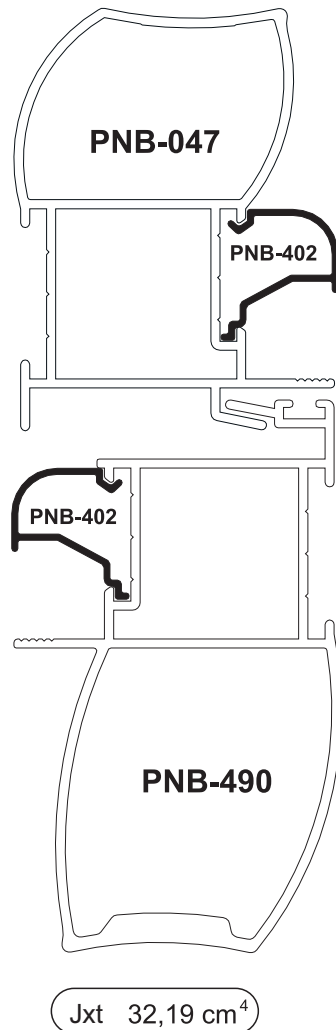
PNB-042

Jx 9,35 cm⁴
Wx 3,20 cm³

PNB-049

Jxt 18,54 cm⁴

8



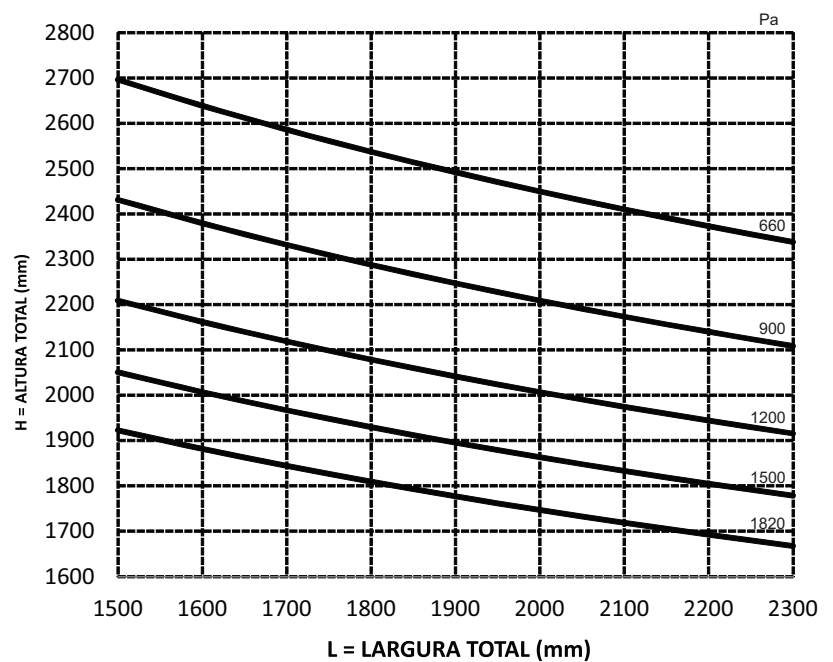
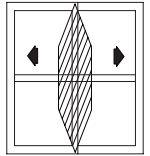
Jx 8,95 cm⁴
Wx 3,10 cm³

Jx 0,12 cm⁴
Wx 0,11 cm³

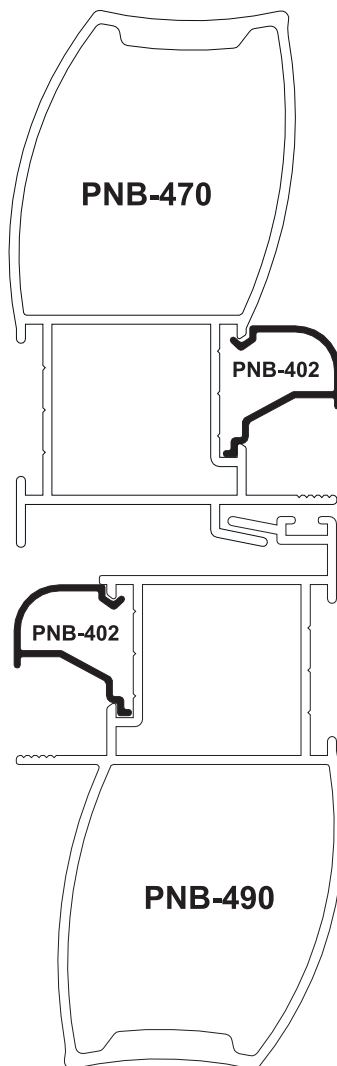
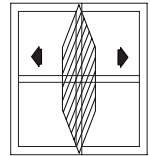
Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 23,00 cm⁴
Wx 5,70 cm³

PORTA
MONTANTE CENTRAL



PORTA
MONTANTE CENTRAL



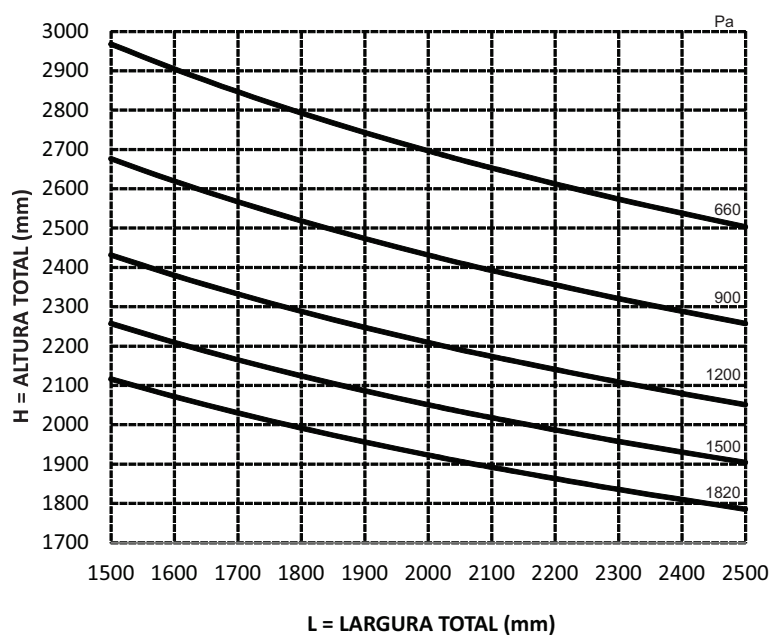
Jx 21,10 cm⁴
Wx 5,60 cm³

Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 0,12 cm⁴
Wx 0,11 cm³

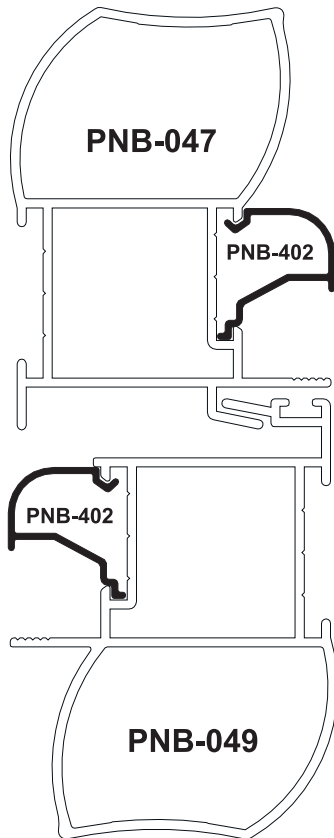
Jx 21,60 cm⁴
Wx 5,70 cm³

Jxt 42,94 cm⁴

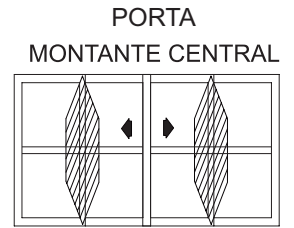


10

Jx 8,95 cm⁴
Wx 3,10 cm³



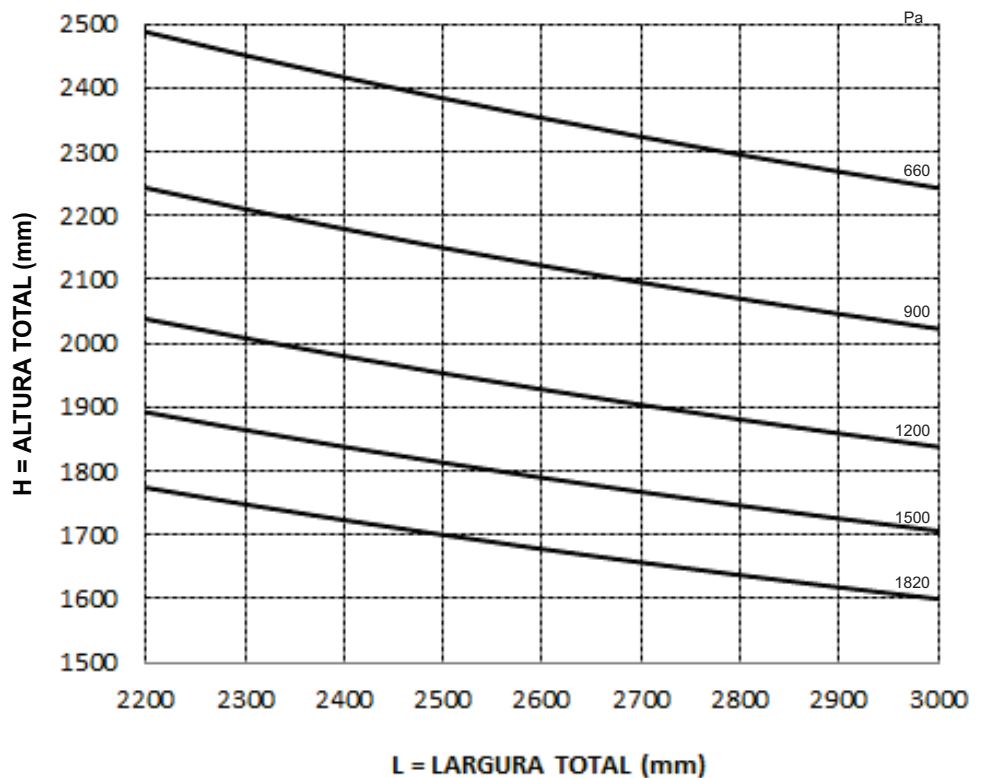
Jx 0,12 cm⁴
Wx 0,11 cm³

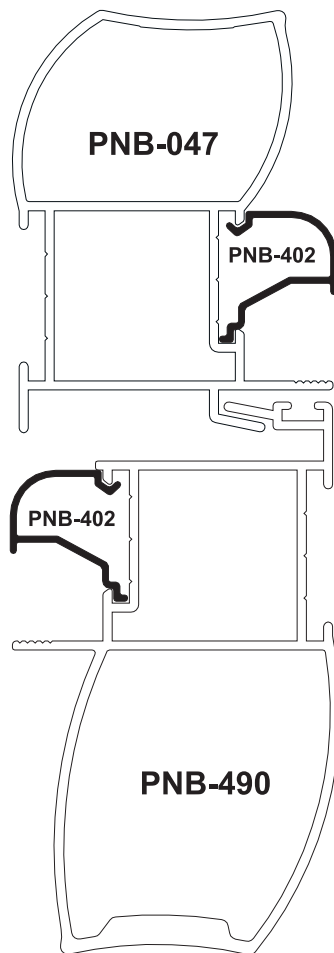


Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 9,35 cm⁴
Wx 3,20 cm³

Jxt 18,54 cm⁴





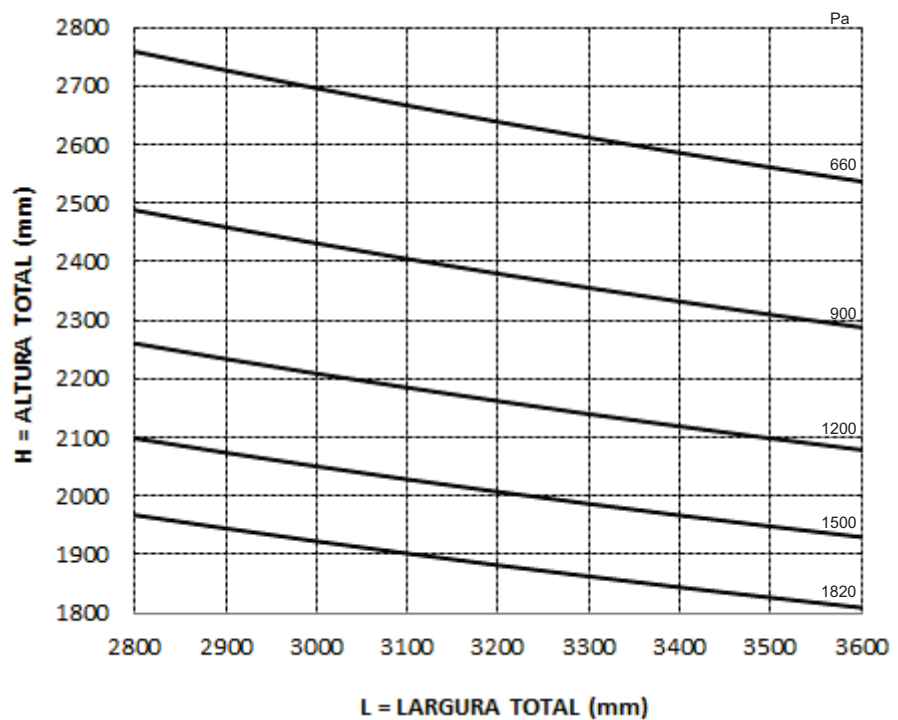
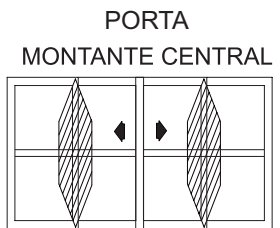
Jx 8,95 cm⁴
Wx 3,10 cm³

Jx 0,12 cm⁴
Wx 0,11 cm³

Jx 0,12 cm⁴
Wx 0,11 cm³

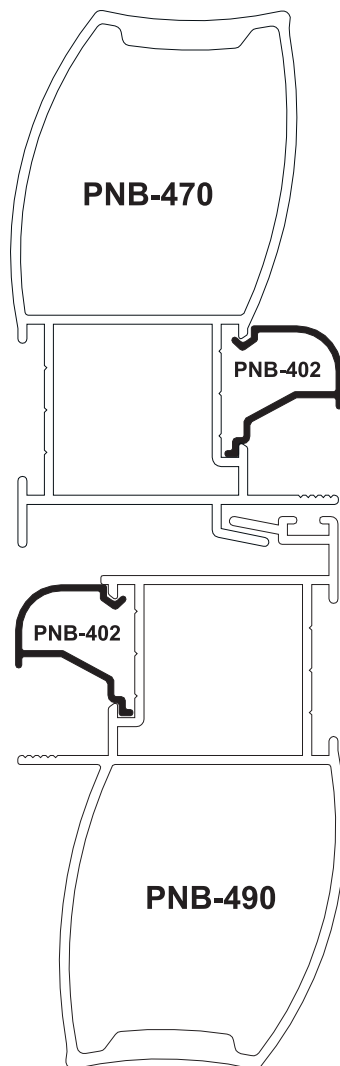
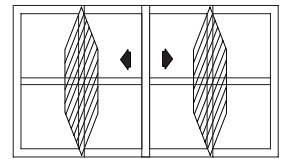
Jx 23,00 cm⁴
Wx 5,70 cm³

Jxt 32,19 cm⁴



PORTA

MONTANTE CENTRAL



Jx 21,10 cm⁴
Wx 5,60 cm³

PNB-402

Jx 0,12 cm⁴
Wx 0,11 cm³

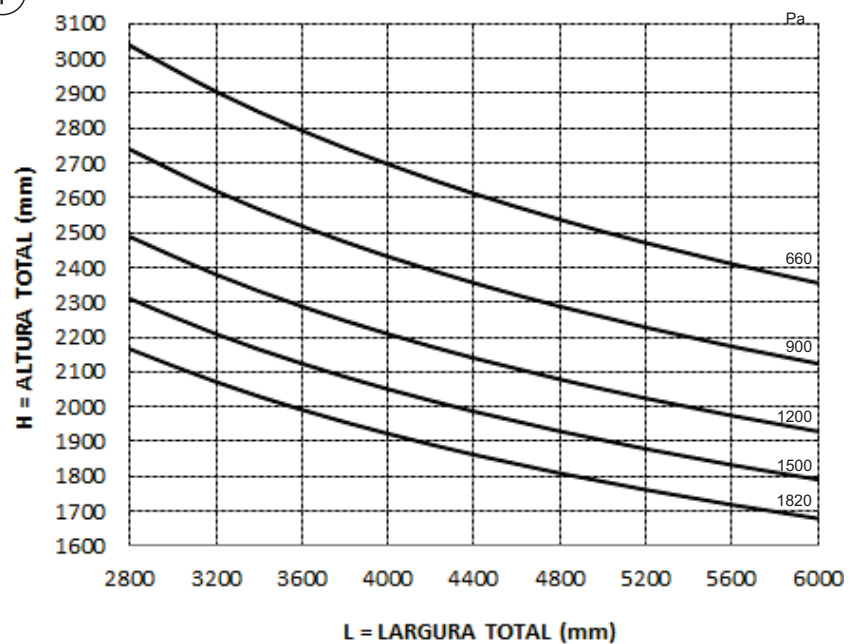
Jx 0,12 cm⁴
Wx 0,11 cm³

PNB-402

Jx 21,60 cm⁴
Wx 5,70 cm³

PNB-490

Jxt 42,94 cm⁴



13

Jx 1,93 cm ⁴
 Wx 1,25 cm ³

PNB-040

PNB-402

Jx 0,12 cm ⁴
 Wx 0,11 cm ³

Jx 3,18 cm ⁴
 Wx 1,65 cm ³

PNB-069

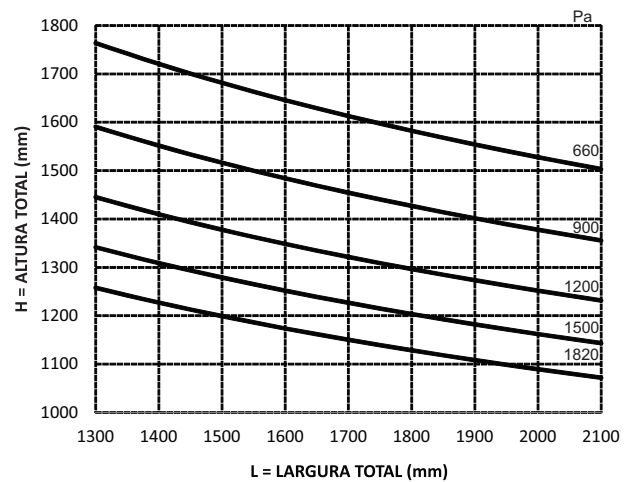
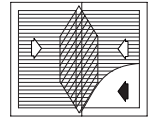
Jx 2,58 cm ⁴
 Wx 1,46 cm ³

PNB-070

14

Jxt 7,81 cm ⁴

JANELA
MONTANTE CENTRAL



PNB-047

Jx 8,95 cm ⁴
 Wx 3,10 cm ³

PNB-402

Jx 0,12 cm ⁴
 Wx 0,11 cm ³

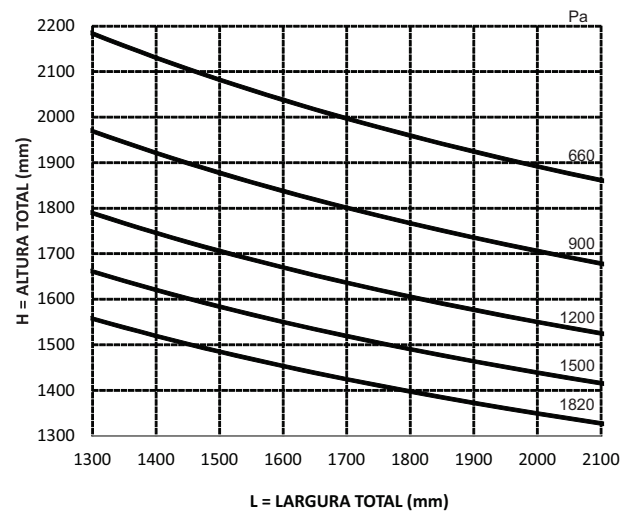
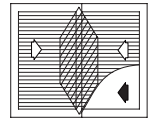
PNB-069

Jx 2,58 cm ⁴
 Wx 1,46 cm ³

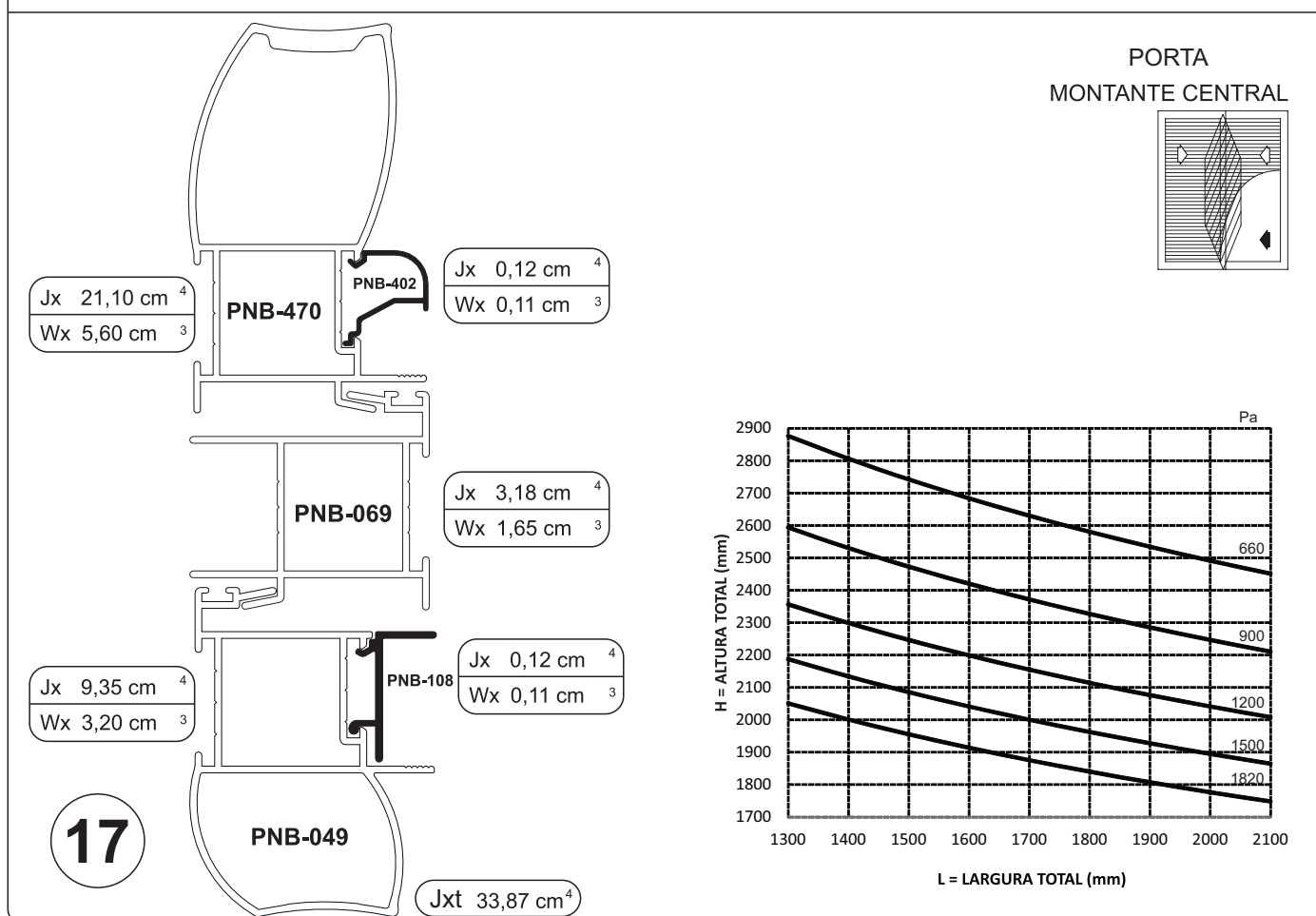
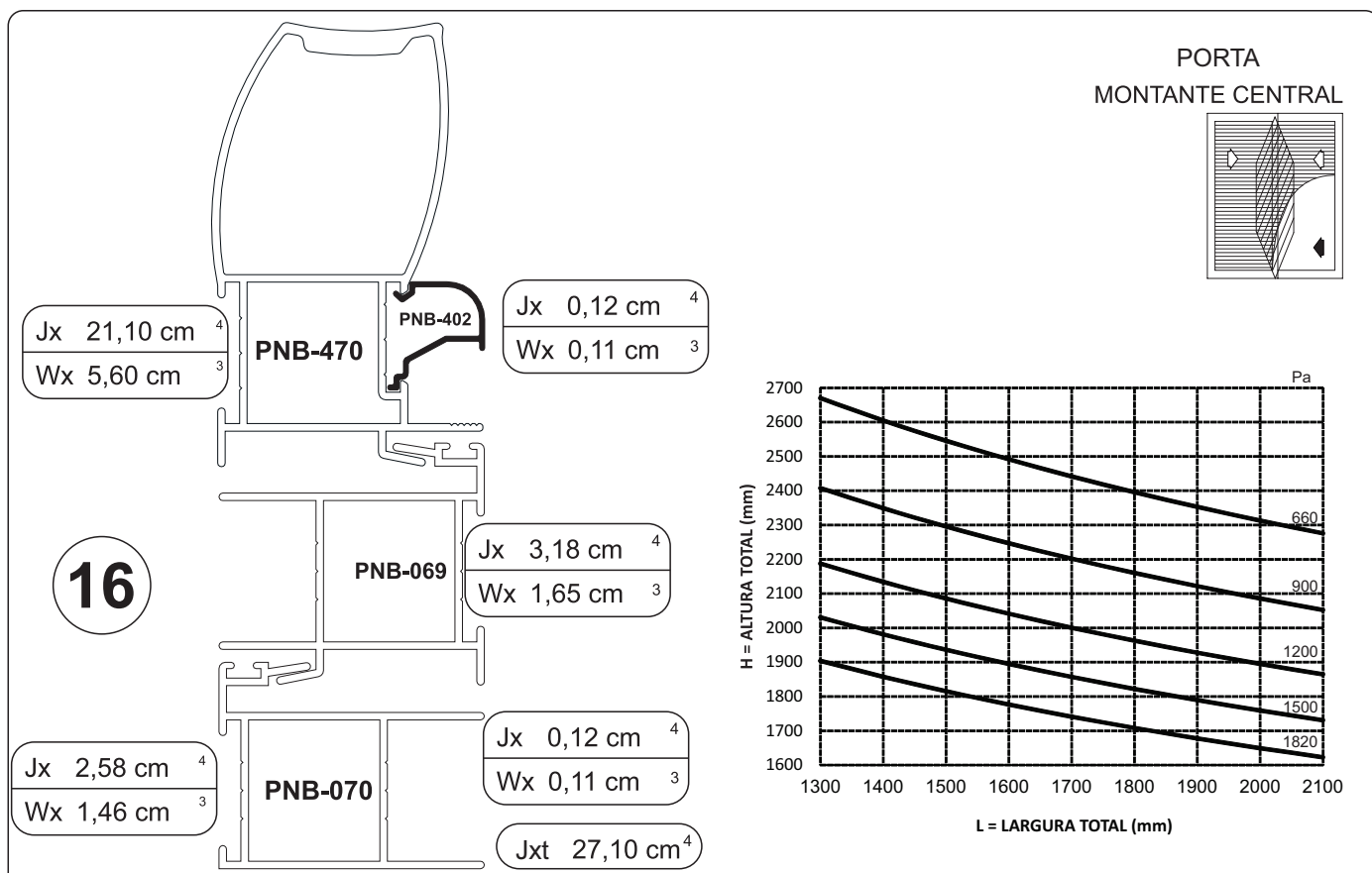
PNB-070

Jxt 14,83 cm ⁴

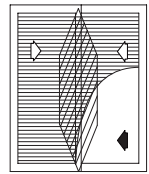
JANELA
MONTANTE CENTRAL



15



PORTA
 MONTANTE CENTRAL



Jx 21,10 cm⁴
 Wx 5,60 cm³

PNB-470

PNB-402

Jx 0,12 cm⁴
 Wx 0,11 cm³

PNB-069

Jx 3,18 cm⁴
 Wx 1,65 cm³

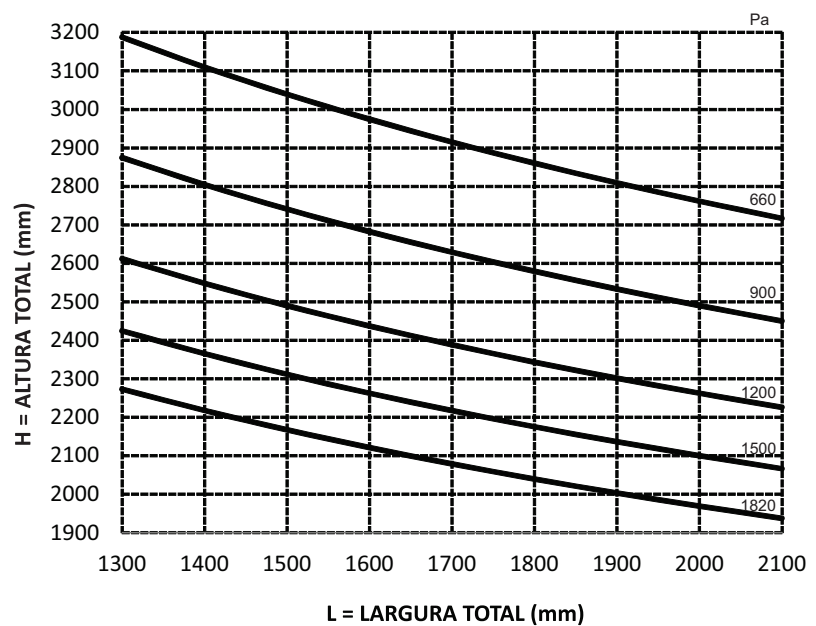
Jx 21,60 cm⁴
 Wx 5,70 cm³

PNB-490

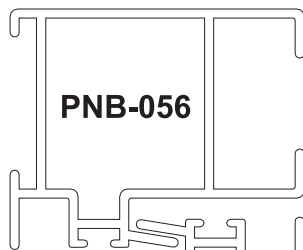
PNB-108

Jx 0,12 cm⁴
 Wx 0,11 cm³

Jxt 46,12 cm⁴



Jx 2,52 cm⁴
Wx 1,57 cm³



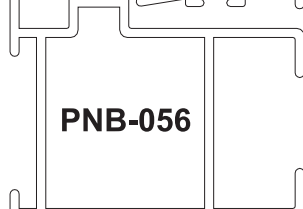
PNB-056

Jx 3,70 cm⁴
Wx 1,95 cm³



PNB-057

Jx 2,52 cm⁴
Wx 1,57 cm³

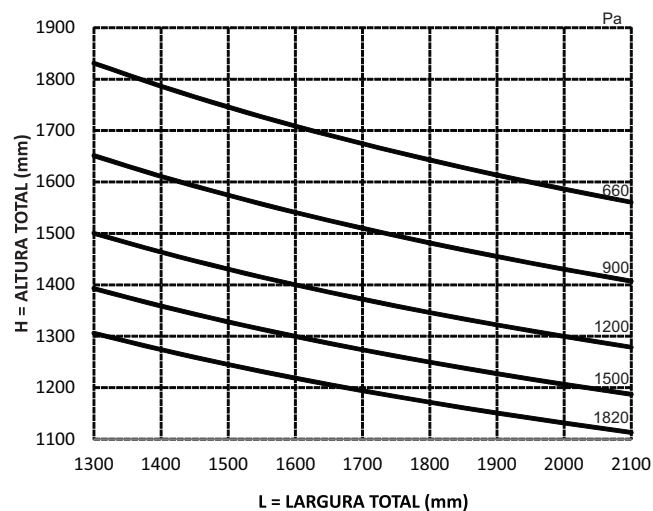
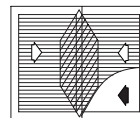


PNB-056

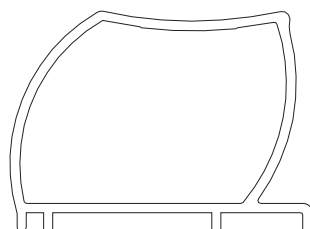
19

Jxt 8,74 cm⁴

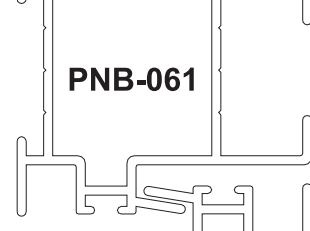
JANELA
MONTANTE CENTRAL



Jx 9,91 cm⁴
Wx 3,24 cm³

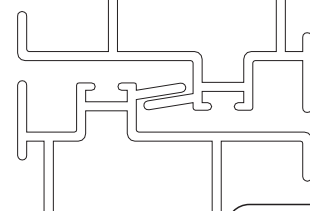


PNB-061



PNB-057

Jx 2,52 cm⁴
Wx 1,57 cm³

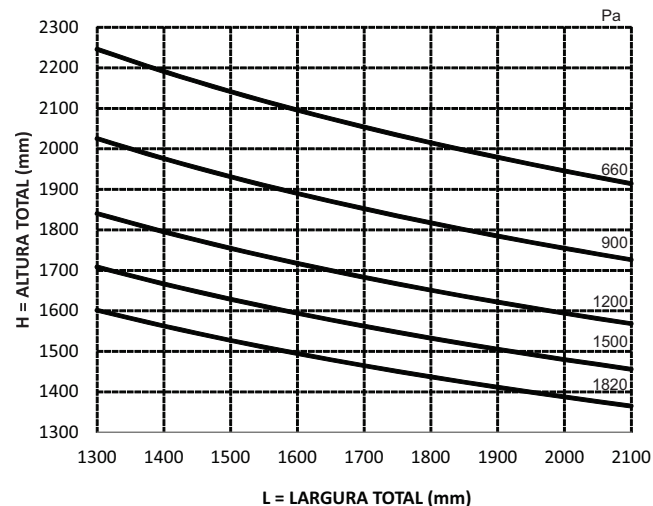
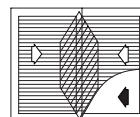


PNB-056

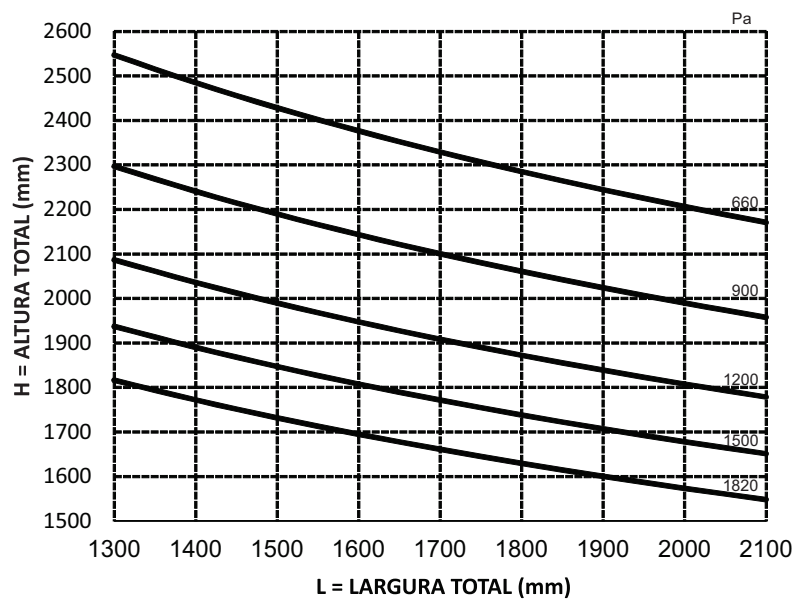
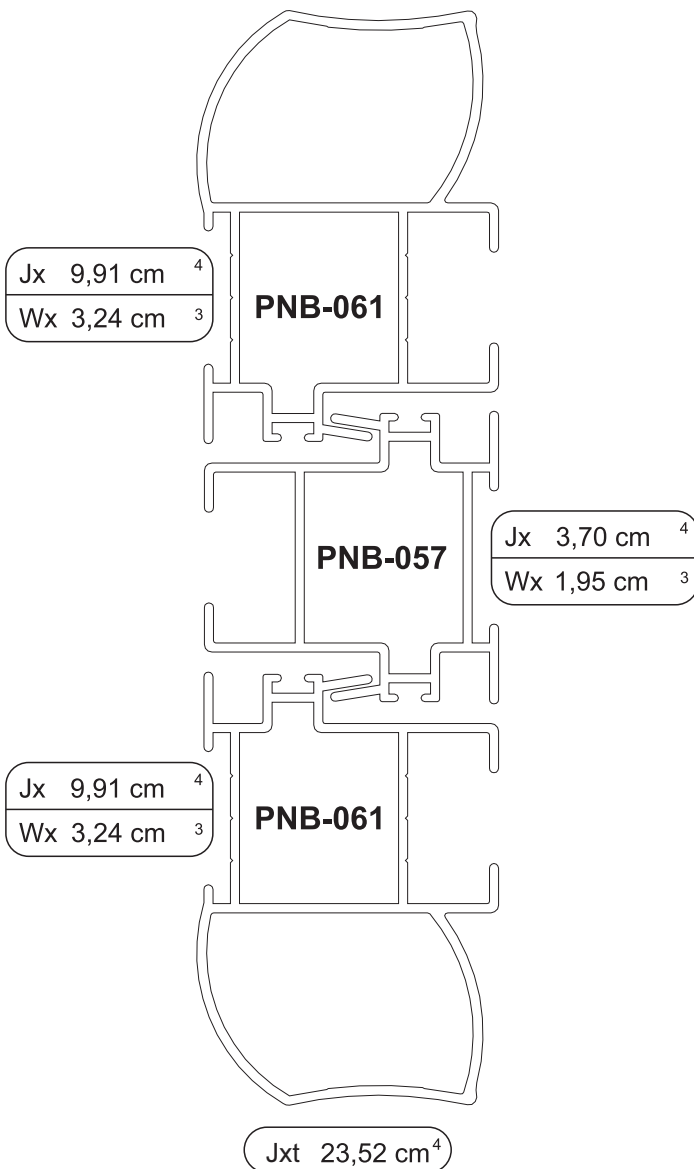
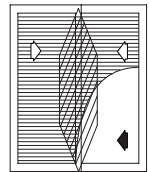
20

Jxt 16,13 cm⁴

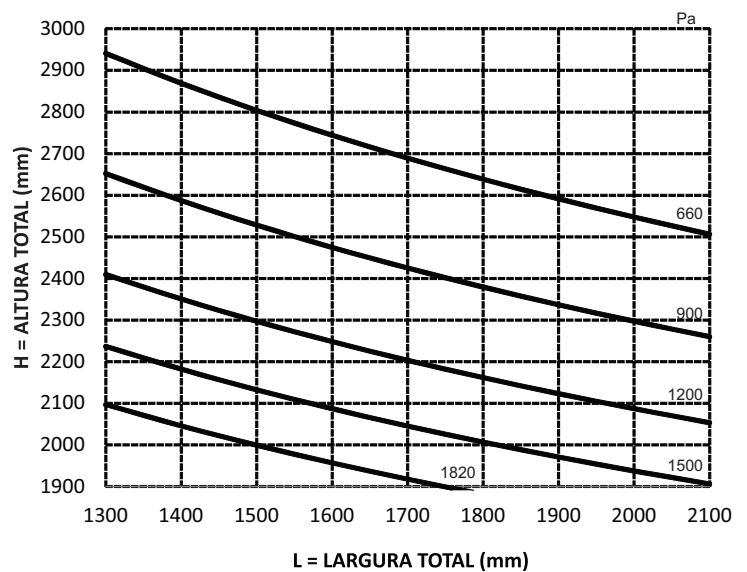
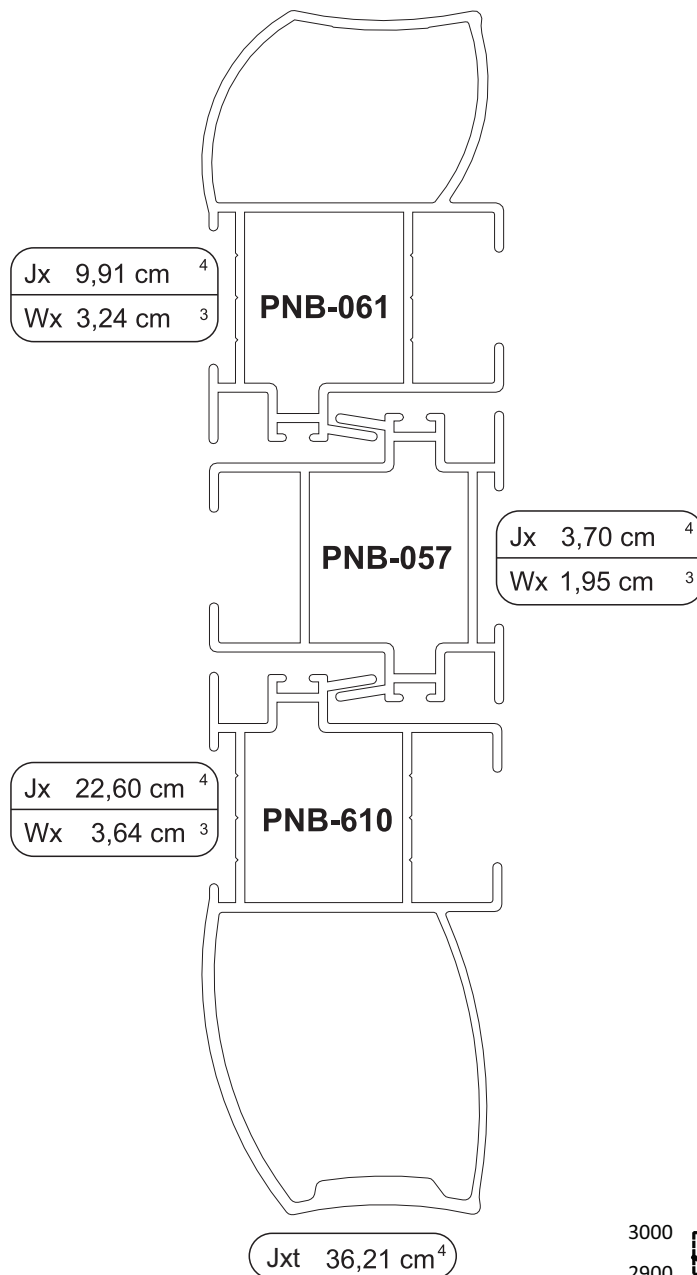
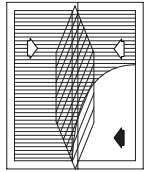
JANELA
MONTANTE CENTRAL



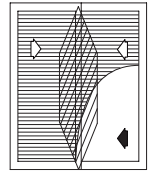
PORTA
MONTANTE CENTRAL



PORTA
MONTANTE CENTRAL



PORTA
 MONTANTE CENTRAL



Jx 22,60 cm⁴
 Wx 3,64 cm³

PNB-610

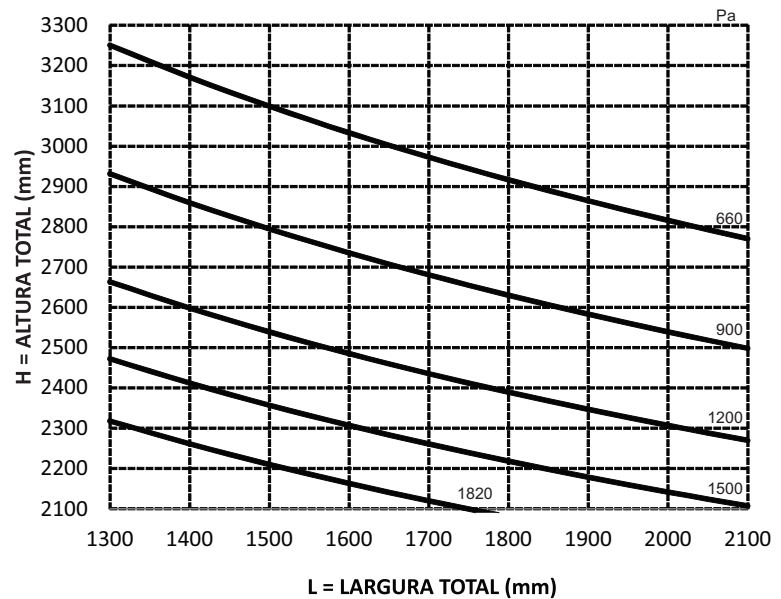
Jx 3,70 cm⁴
 Wx 1,95 cm³

PNB-057

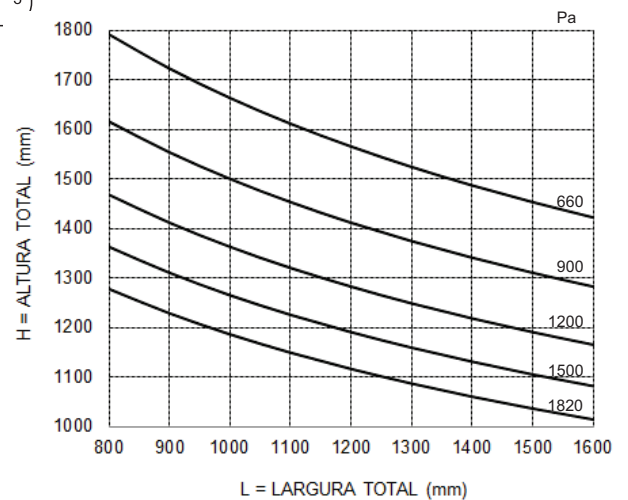
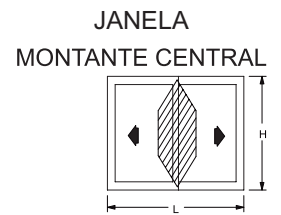
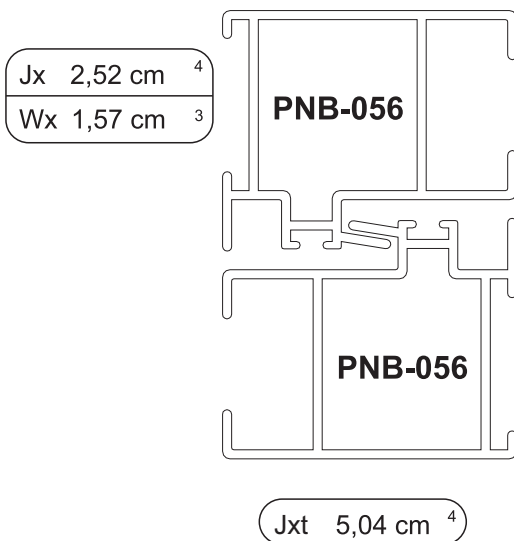
Jx 22,60 cm⁴
 Wx 3,64 cm³

PNB-610

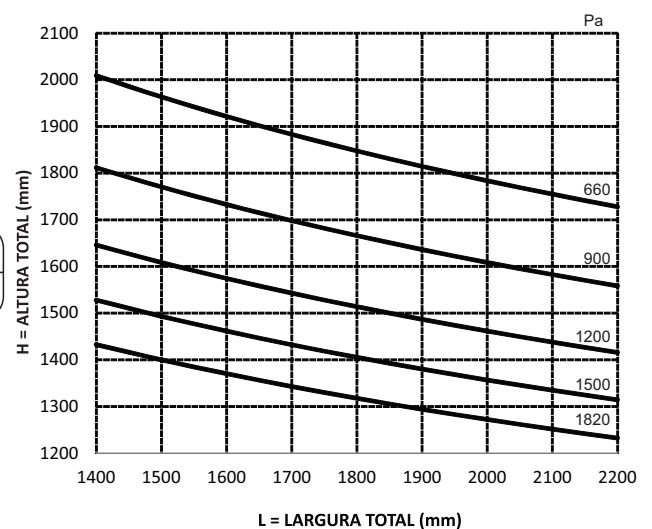
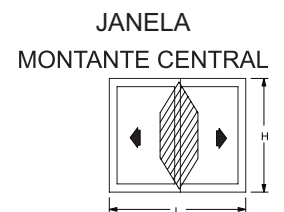
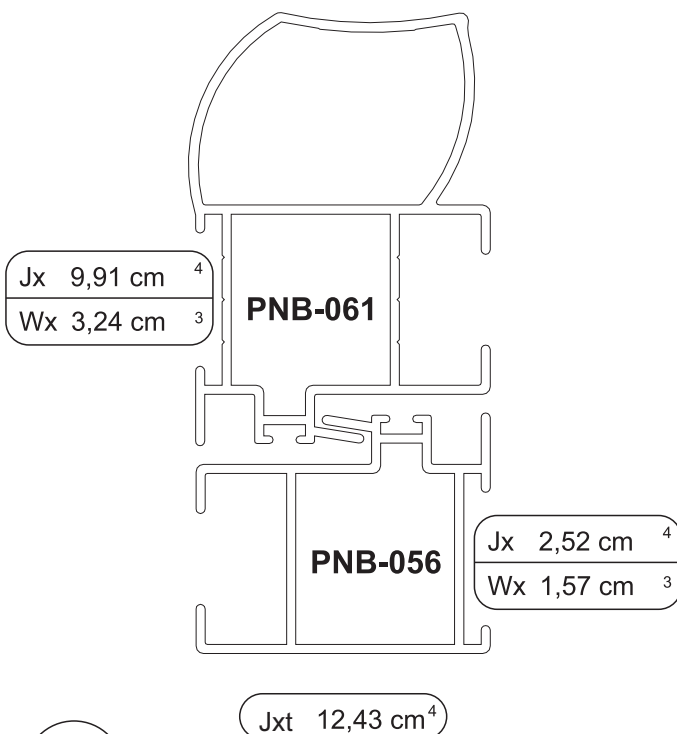
Jxt 48,90 cm⁴



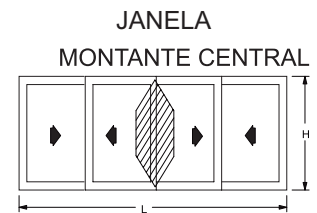
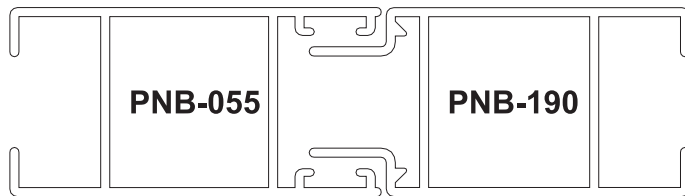
23



24



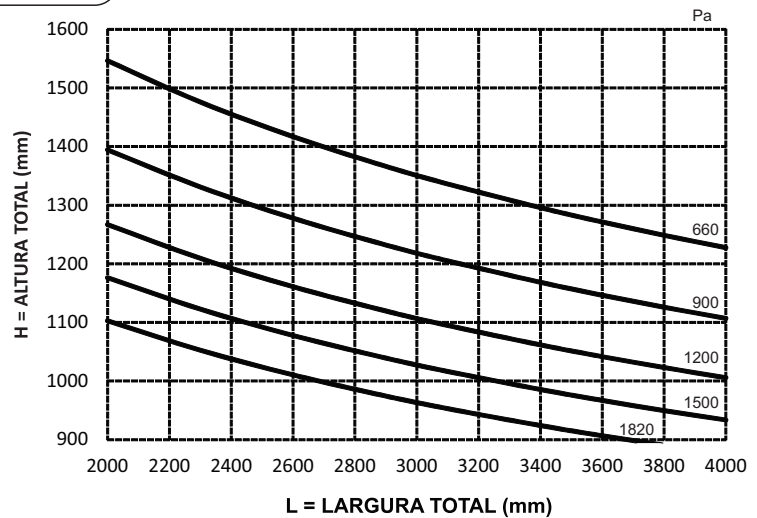
25



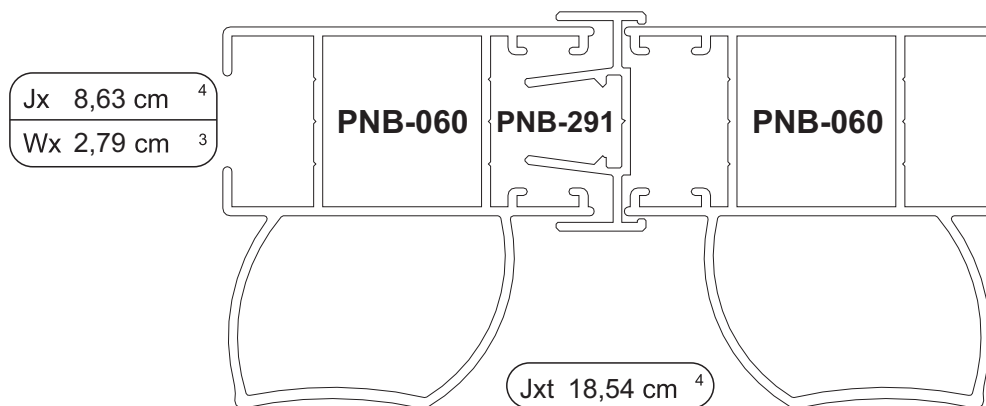
Jx 2,14 cm⁴
Wx 1,71 cm³

Jx 1,91 cm⁴
Wx 1,52 cm³

Jxt 4,05 cm⁴



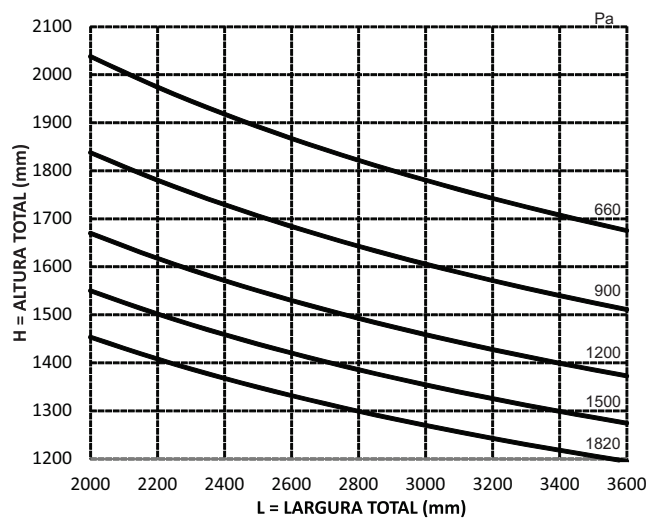
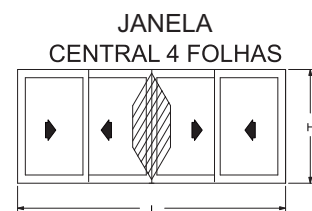
26



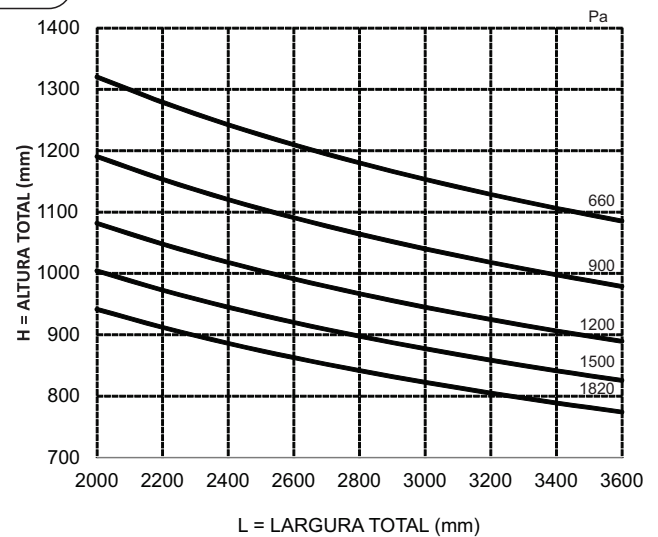
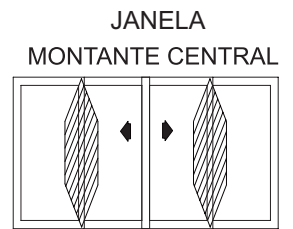
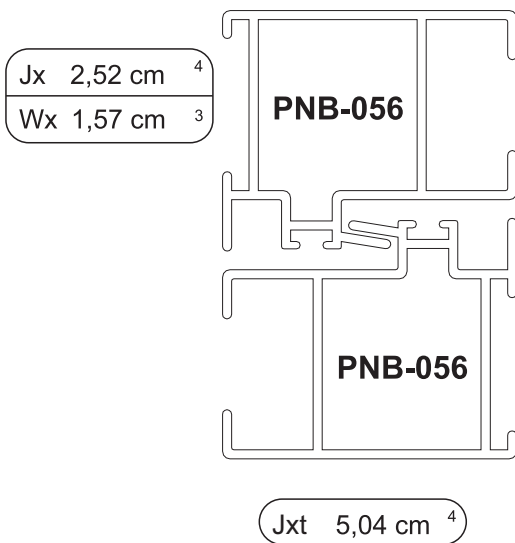
Jx 8,63 cm⁴
Wx 2,79 cm³

Jx 9,91 cm⁴
Wx 3,29 cm³

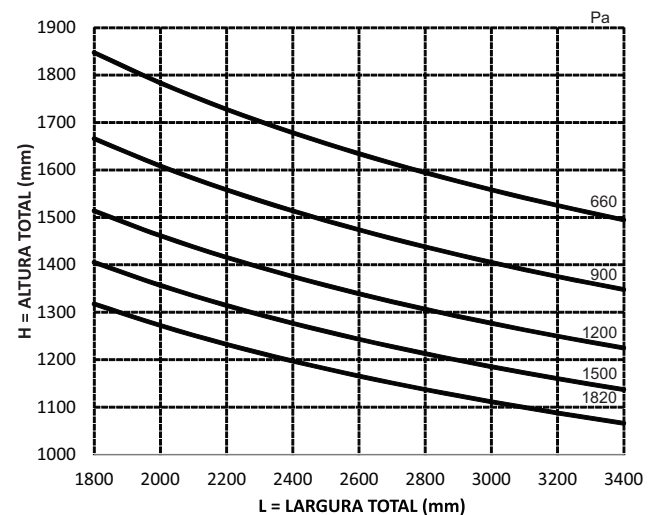
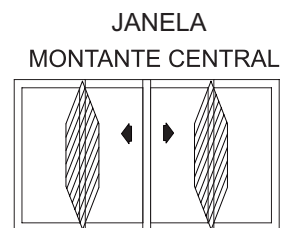
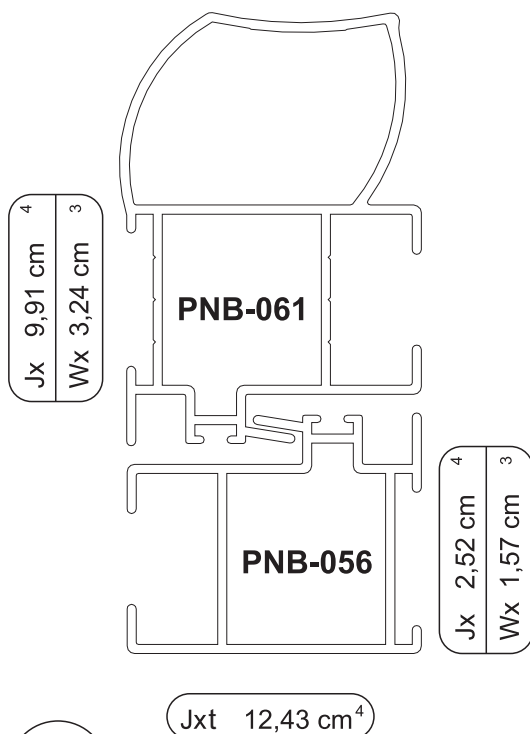
Jxt 18,54 cm⁴



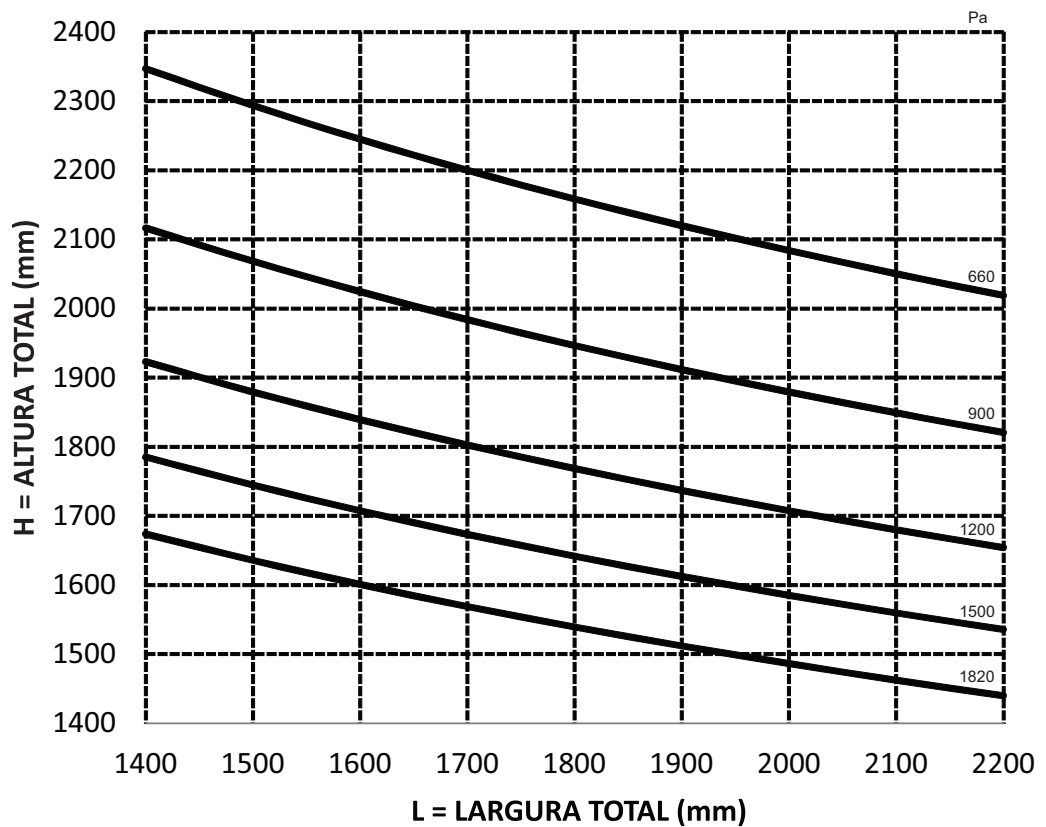
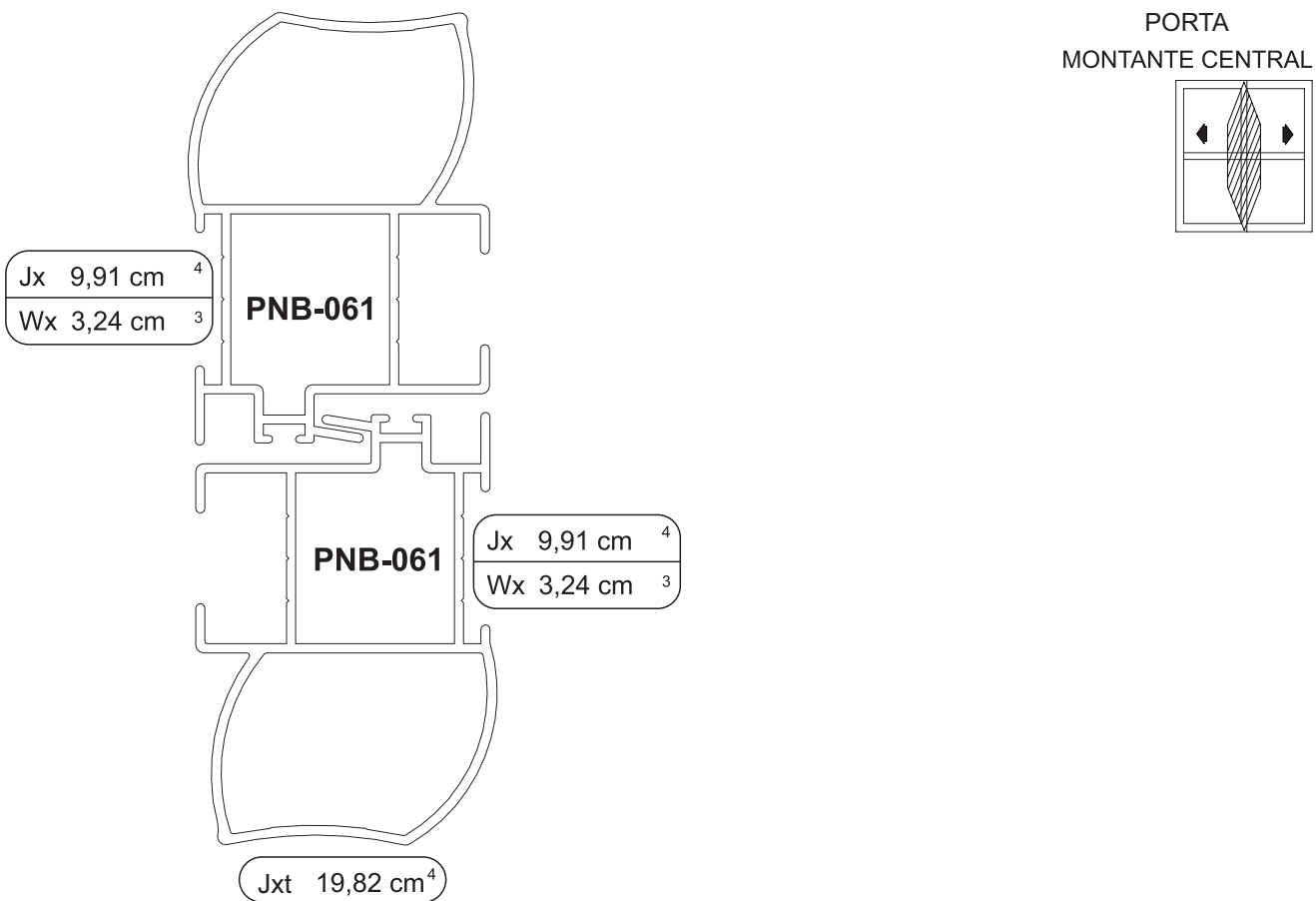
27



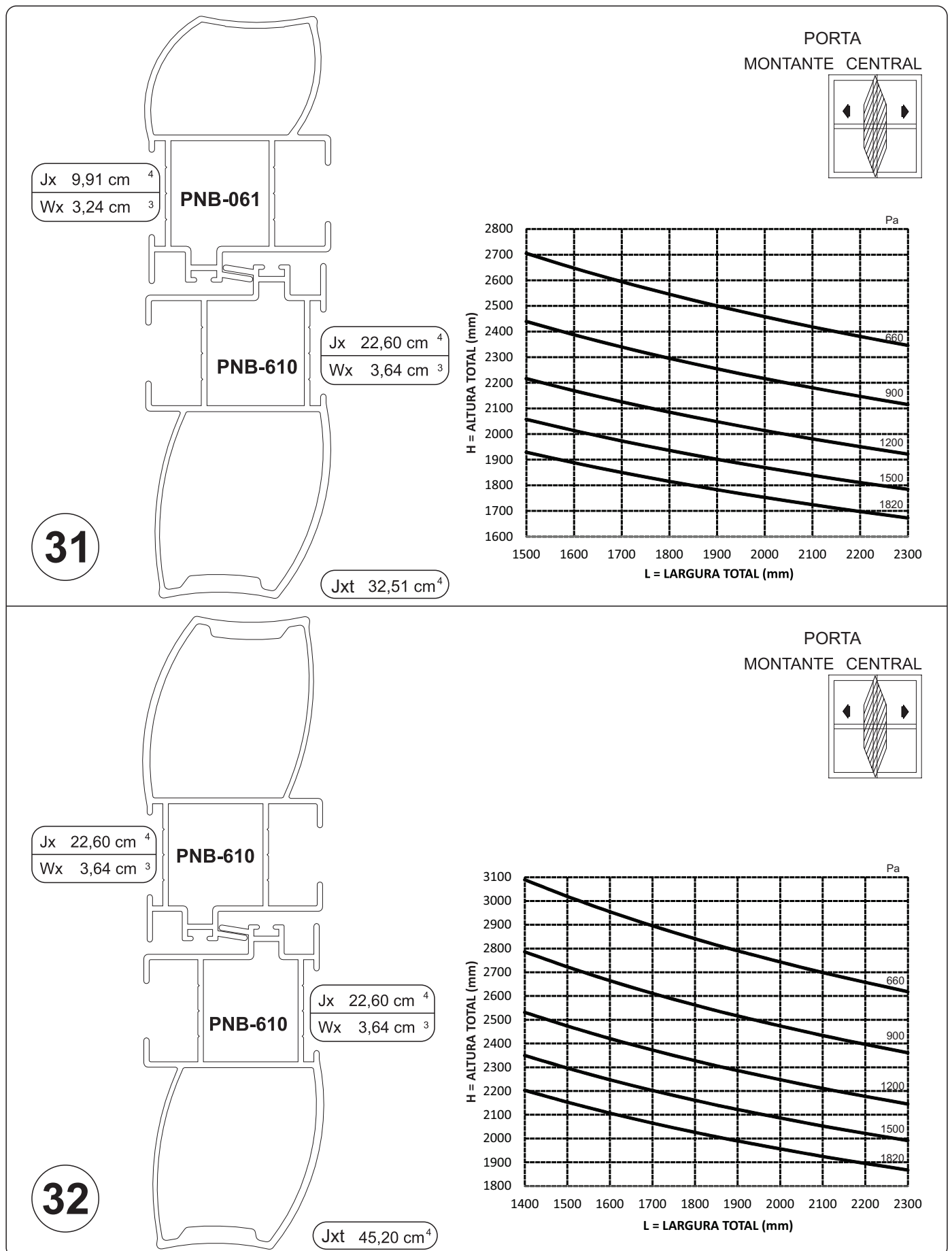
28

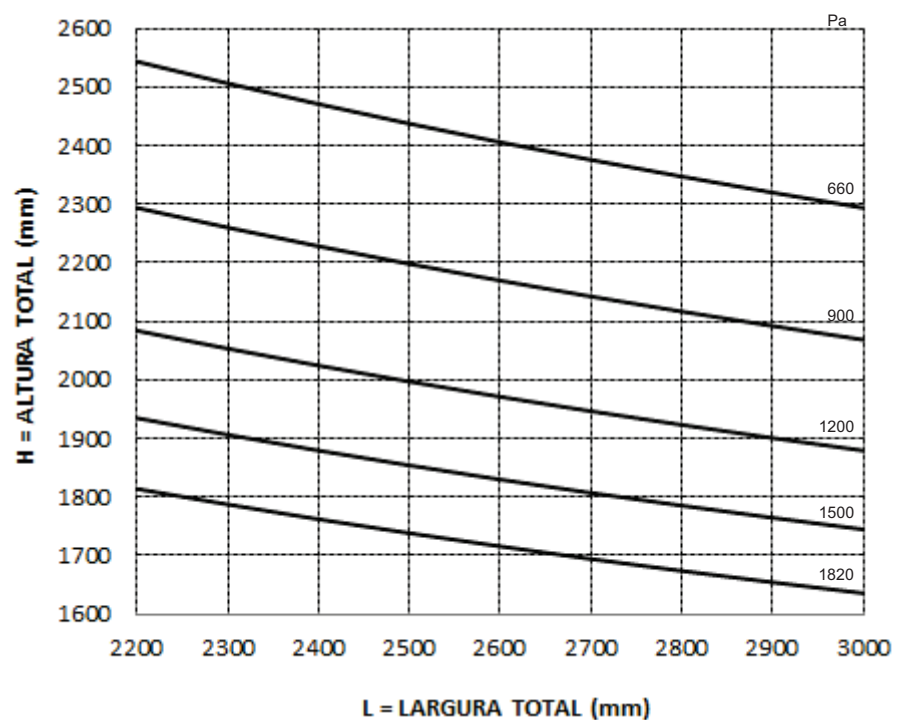
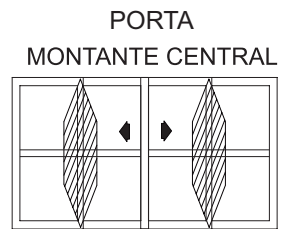
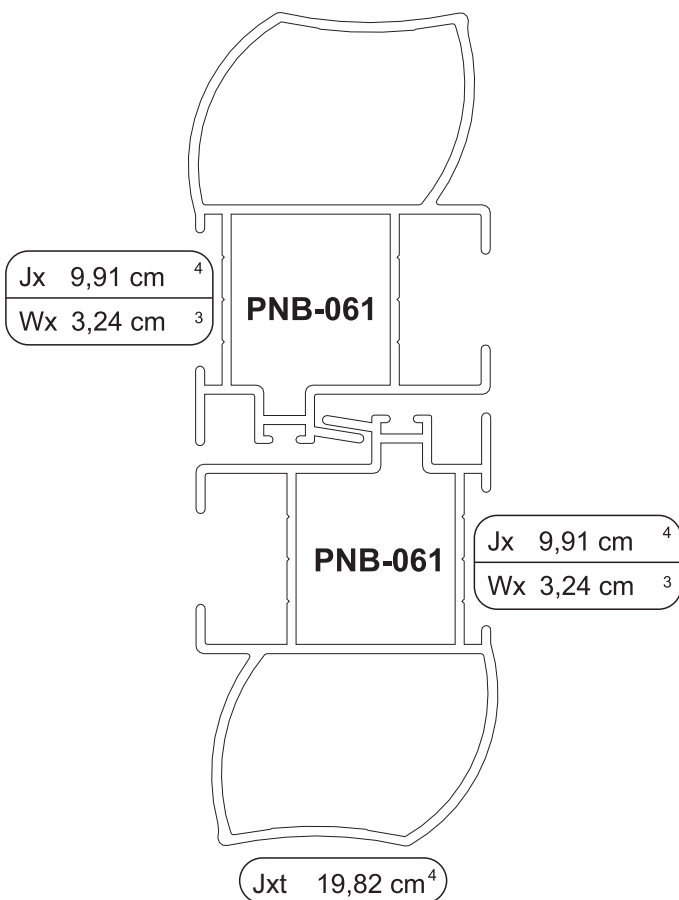


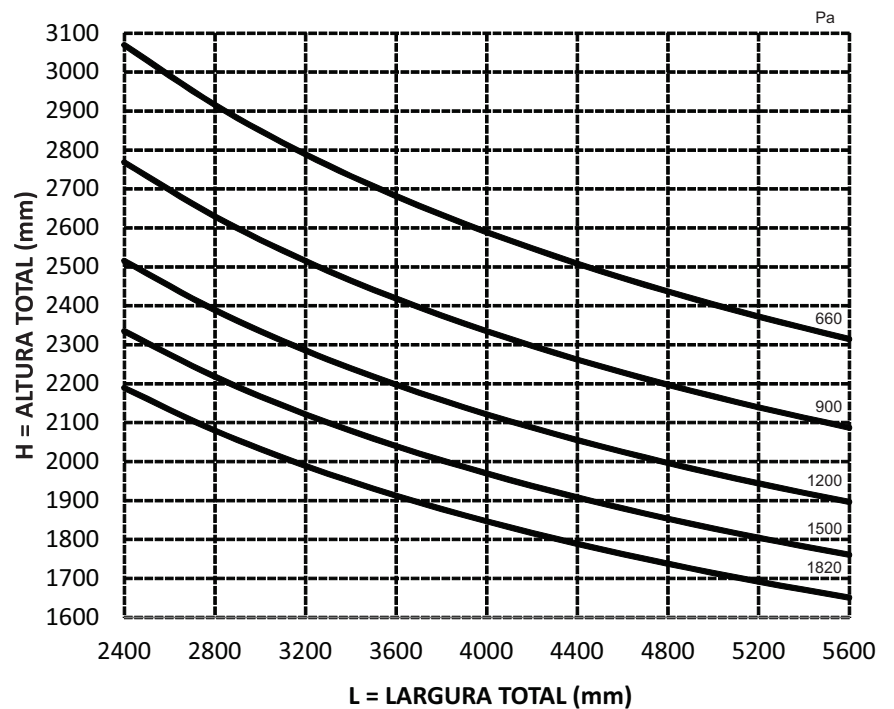
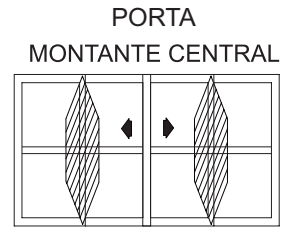
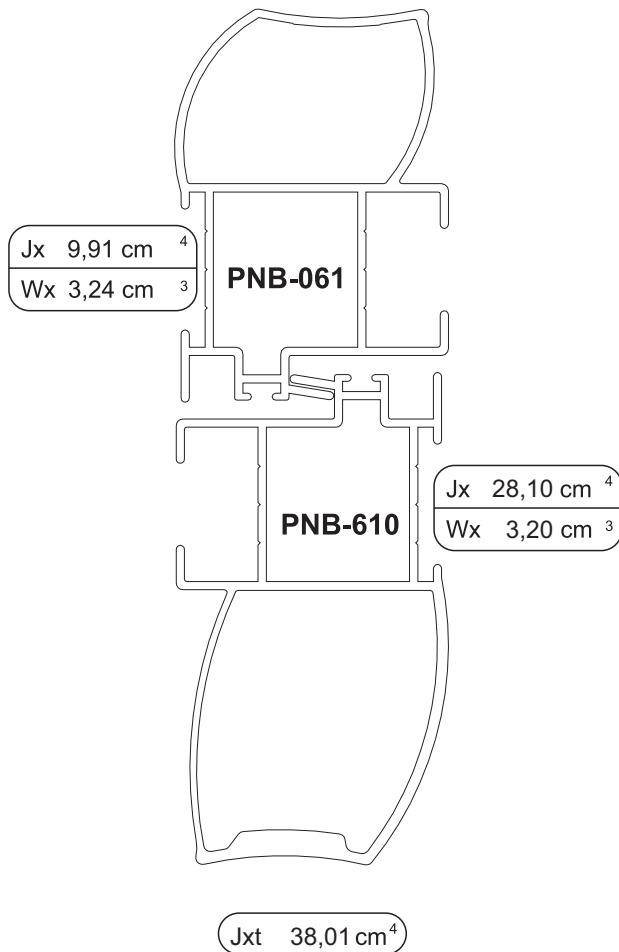
29

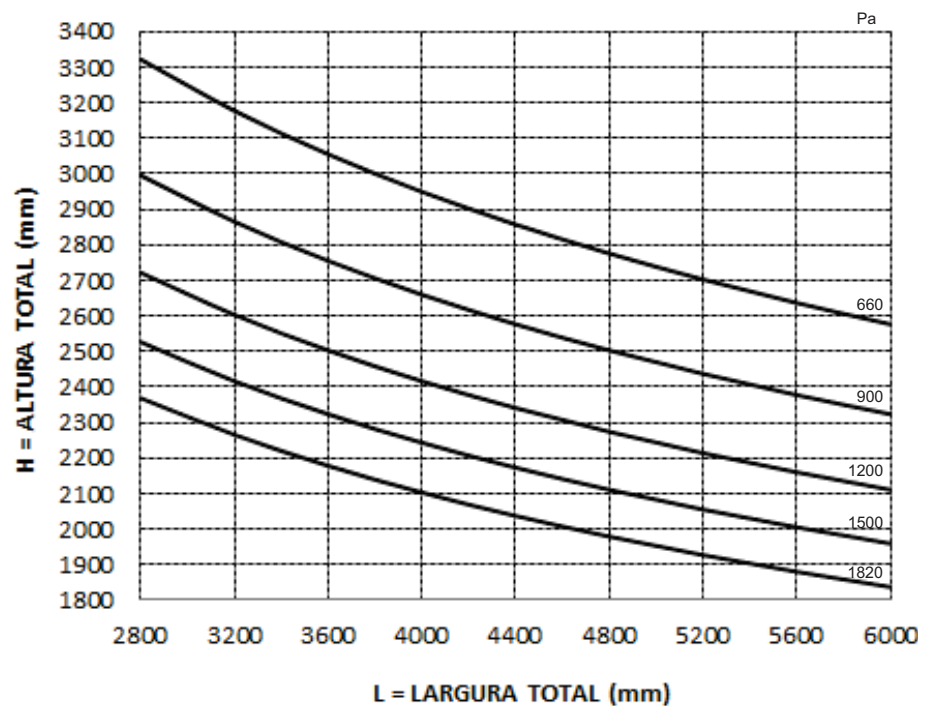
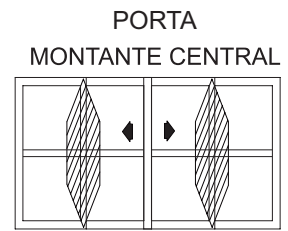
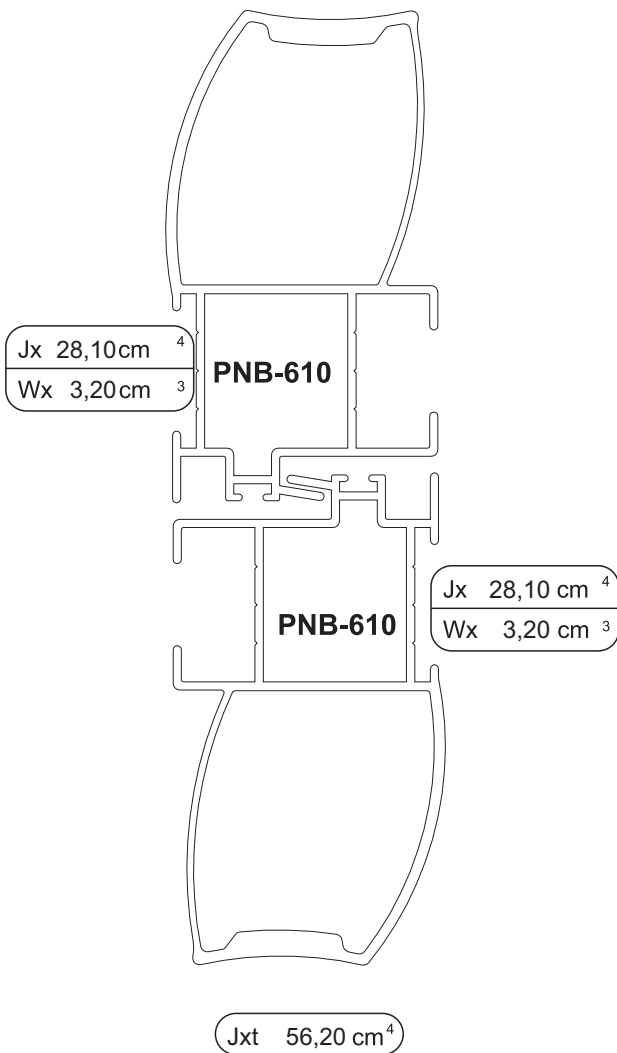


30

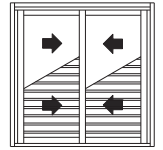




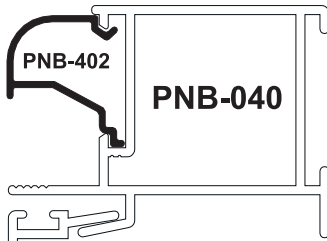




JANELA 4 FOLHAS

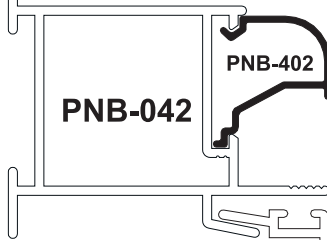


Jx 0,12 cm⁴
Wx 0,11 cm³

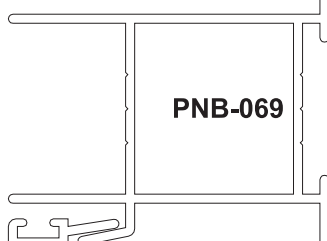


Jx 1,93 cm⁴
Wx 1,25 cm³

Jx 3,07 cm⁴
Wx 1,52 cm³

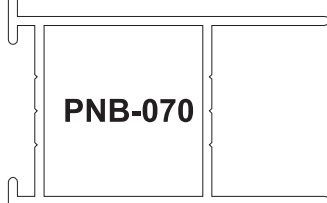


Jx 0,12 cm⁴
Wx 0,11 cm³

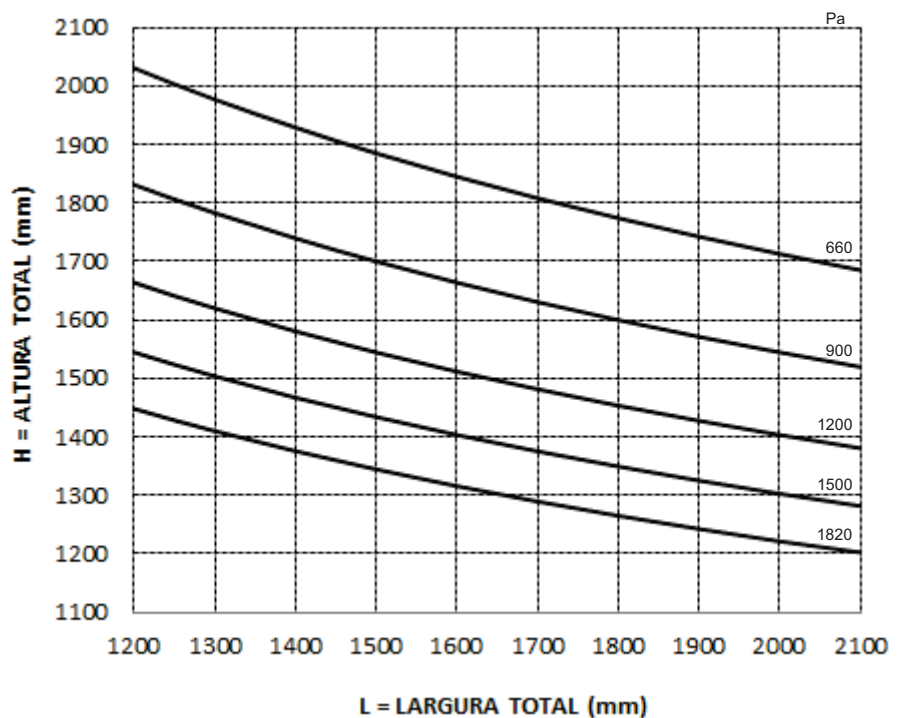


Jx 3,18 cm⁴
Wx 1,65 cm³

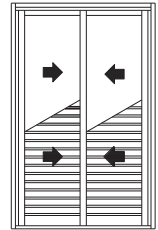
Jx 2,58 cm⁴
Wx 1,46 cm³



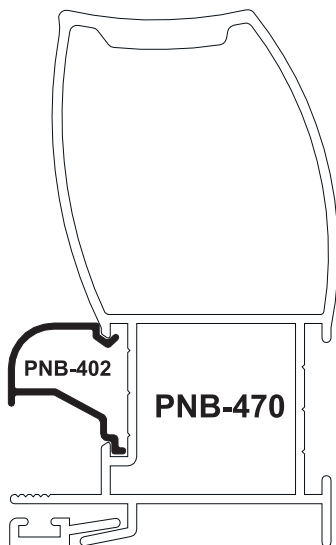
Jxt 11,00 cm⁴



PORTA 4 FOLHAS

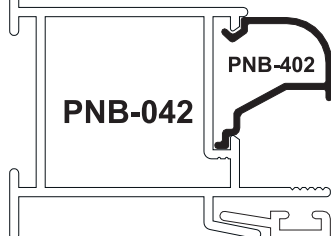


Jx	0,12 cm	⁴
Wx	0,11 cm	³



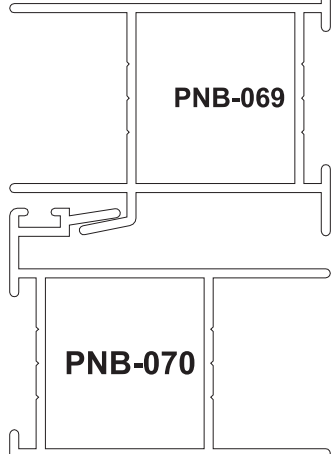
Jx	21,10 cm	⁴
Wx	5,60 cm	³

Jx	3,07 cm	⁴
Wx	1,52 cm	³



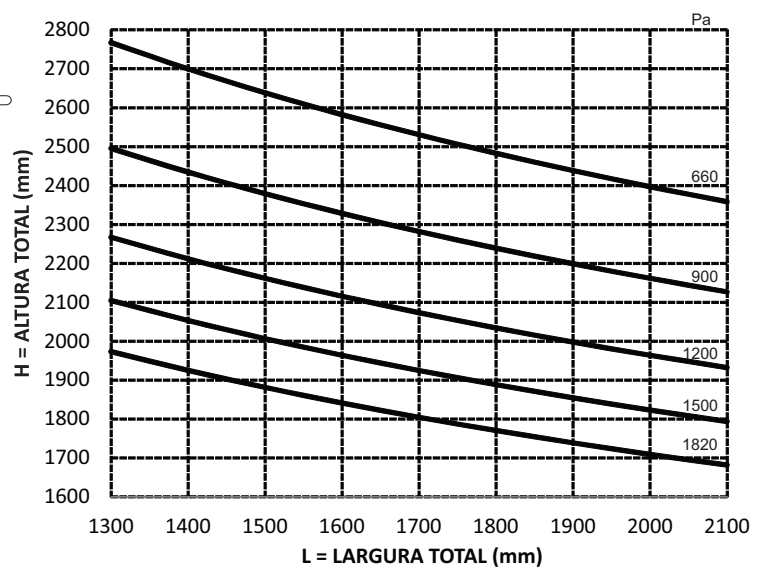
Jx	0,12 cm	⁴
Wx	0,11 cm	³

Jx	2,58 cm	⁴
Wx	1,46 cm	³



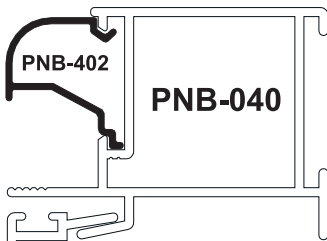
Jx	3,18 cm	⁴
Wx	1,65 cm	³

Jxt 30,17 cm⁴



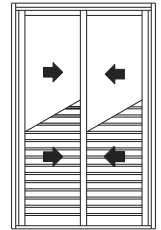
37

Jx 0,12 cm⁴
Wx 0,11 cm³

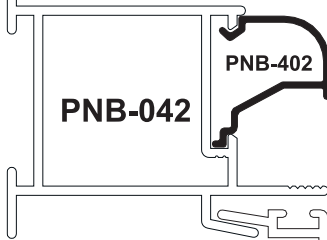


Jx 1,93 cm⁴
Wx 1,25 cm³

PORTA 4 FOLHAS

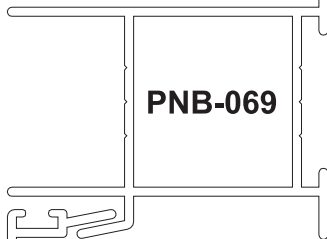


Jx 3,07 cm⁴
Wx 1,52 cm³

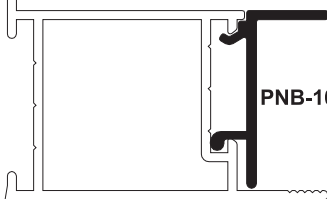


Jx 0,12 cm⁴
Wx 0,11 cm³

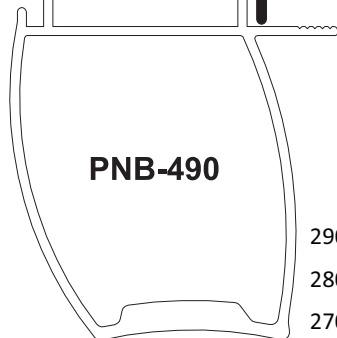
Jx 3,18 cm⁴
Wx 1,65 cm³



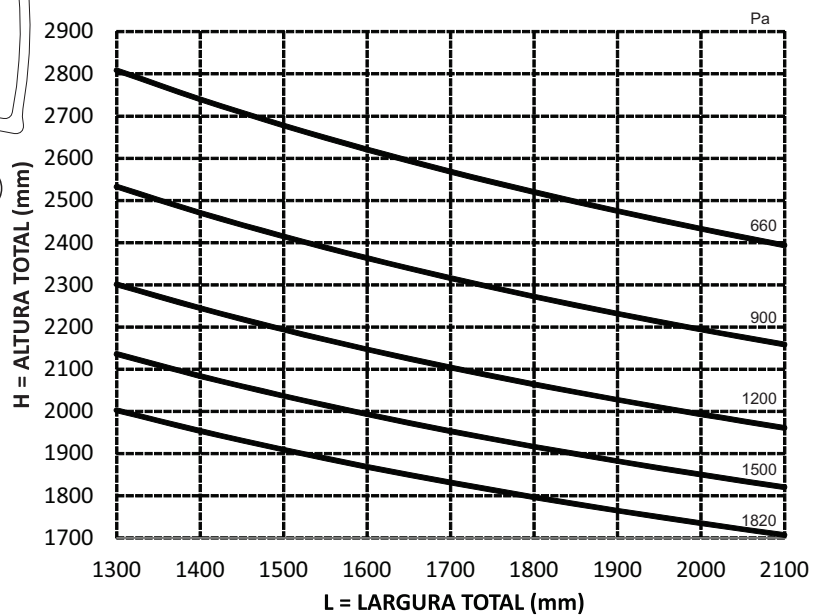
Jx 23,00 cm⁴
Wx 5,70 cm³



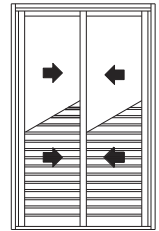
Jx 0,12 cm⁴
Wx 0,11 cm³



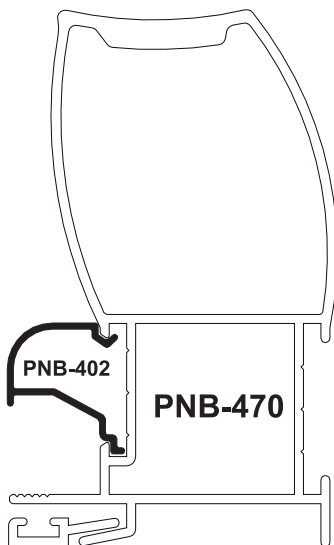
Jxt 31,54 cm⁴



PORTA 4 FOLHAS

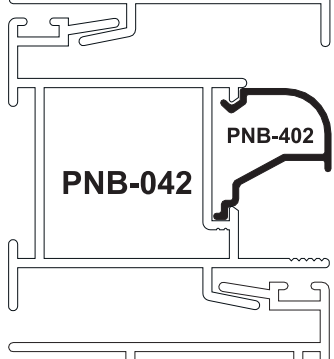


Jx 0,12 cm⁴
Wx 0,11 cm³

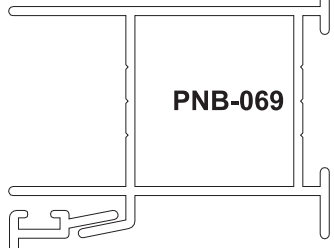


Jx 21,10 cm⁴
Wx 5,60 cm³

Jx 3,07 cm⁴
Wx 1,52 cm³

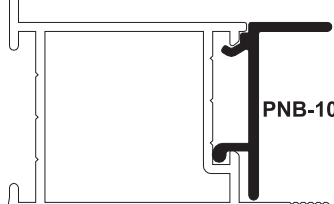


Jx 0,12 cm⁴
Wx 0,11 cm³

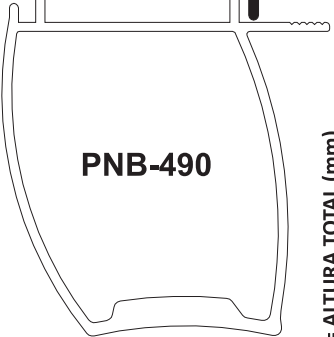


Jx 3,18 cm⁴
Wx 1,65 cm³

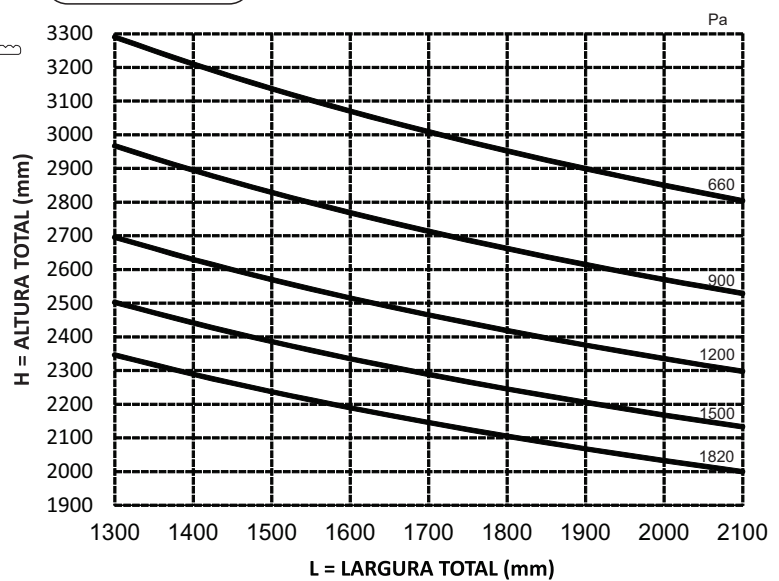
Jx 23,00 cm⁴
Wx 5,70 cm³



Jx 0,12 cm⁴
Wx 0,11 cm³



Jxt 50,71 cm⁴



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Linha *Nobile* 2.5

04

PERFIS

ÍNDICE ANALÍTICO - perfis

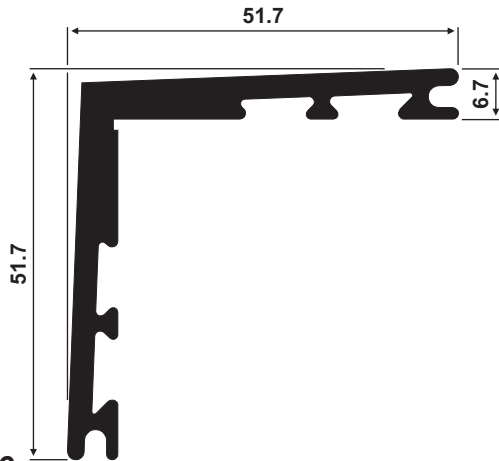
PERFIL	Kg/m	PÁG.	PERFIL	Kg/m	PÁG.	PERFIL	Kg/m	PÁG.
PCL-006	1,156	04.01	PNB-070	0,509	04.17	PNB-226	1,017	04.19
PCL-011	0,325	04.01	PNB-071	0,263	04.32	PNB-227	0,567	04.15
PCM-060	0,284	04.02	PNB-072	0,414	04.32	PNB-228	0,709	04.10
PCM-063	0,219	04.02	PNB-073	0,432	04.32	PNB-230	0,964	04.10
PCM-064	0,176	04.02	PNB-074	0,474	04.32	PNB-238	0,689	04.21
PCM-098	0,336	04.02	PNB-079	0,351	04.27	PNB-240	0,733	04.21
PCM-099	0,426	04.02	PNB-080	0,353	04.27	PNB-241	0,688	04.31
PCM-151	0,288	04.02	PNB-081	0,401	04.27	PNB-242	0,703	04.20
PCM-200	0,195	04.02	PNB-082	0,376	04.27	PNB-243	0,671	04.20
PNB-001	0,760	04.04	PNB-083	0,148	04.27	PNB-244	0,702	04.21
PNB-002	0,703	04.04	PNB-084	0,129	04.27	PNB-245	0,696	04.21
PNB-003	0,524	04.05	PNB-085	0,500	04.28	PNB-246	0,664	04.15
PNB-004	0,489	04.05	PNB-086	0,598	04.28	PNB-260	0,650	04.10
PNB-005	1,141	04.05	PNB-090	0,393	04.28	PNB-279	0,565	04.31
PNB-006	1,118	04.06	PNB-091	0,349	04.28	PNB-280	0,998	04.20
PNB-007	0,382	04.06	PNB-093	0,290	04.29	PNB-281	1,060	04.20
PNB-008	0,241	04.06	PNB-094	0,382	04.29	PNB-291	0,258	04.06
PNB-009	0,903	04.07	PNB-095	0,232	04.29	PNB-304	0,593	04.12
PNB-010	1,022	04.07	PNB-096	0,323	04.29	PNB-305	0,686	04.12
PNB-011	0,962	04.07	PNB-097	0,413	04.29	PNB-306	0,560	04.13
PNB-012	0,524	04.08	PNB-098	0,413	04.29	PNB-307	0,389	04.13
PNB-013	0,758	04.08	PNB-099	0,237	04.30	PNB-308	0,473	04.13
PNB-014	0,658	04.08	PNB-100	0,162	04.30	PNB-379	0,587	04.28
PNB-017	0,226	04.09	PNB-101	0,371	04.32	PNB-380	0,226	04.28
PNB-018	0,647	04.09	PNB-102	0,114	04.30	PNB-391	0,414	04.28
PNB-019	1,797	04.08	PNB-103	0,144	04.30	PNB-402	0,123	04.30
PNB-022	0,758	04.04	PNB-107	0,274	04.31	PNB-470	1,049	04.16
PNB-024	0,988	04.09	PNB-108	0,142	04.28	PNB-490	1,080	04.16
PNB-025	0,947	04.09	PNB-110	0,537	04.31	PNB-548	0,277	04.31
PNB-039	0,521	04.14	PNB-111	0,632	04.31	PNB-610	1,092	04.16
PNB-040	0,472	04.14	PNB-113	0,684	04.31	PNI-001	0,792	04.22
PNB-041	0,507	04.14	PNB-121	1,569	04.11	PNI-002	0,881	04.22
PNB-042	0,547	04.14	PNB-122	1,474	04.11	PNI-003	0,618	04.23
PNB-044	0,878	04.16	PNB-123	0,883	04.11	PNI-004	1,271	04.22
PNB-047	0,813	04.16	PNB-186	0,504	04.19	PNI-007	0,700	04.23
PNB-049	0,848	04.16	PNB-187	0,510	04.17	PNI-008	0,973	04.24
PNB-053	0,503	04.15	PNB-188	0,586	04.19	PNI-009	0,752	04.24
PNB-055	0,539	04.18	PNB-190	0,537	04.18	PNI-010	1,046	04.22
PNB-056	0,535	04.18	PNB-191	0,529	04.17	PNI-014	0,473	04.26
PNB-057	0,671	04.18	PNB-192	0,513	04.14	PNI-015	0,858	04.26
PNB-060	0,887	04.18	PNB-200	0,431	04.28	PNI-027	1,012	04.23
PNB-061	0,884	04.18	PNB-203	0,137	04.30	PNI-039	0,994	04.25
PNB-063	0,937	04.19	PNB-211	0,977	04.07	PNI-040	1,275	04.25
PNB-068	0,524	04.17	PNB-222	1,217	04.11	PNI-055	0,370	04.26
PNB-069	0,563	04.17	PNB-225	0,997	04.15	PNI-079	1,024	04.23

ÍNDICE ANALÍTICO - perfis

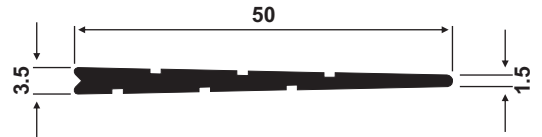
PERFIL	Kg/m	PÁG.	PERFIL	Kg/m	PÁG.	PERFIL	Kg/m	PÁG.
PRM-005	0,190	04.03						
PRM-014	0,201	04.03						
PRM-016	0,421	04.03						
PRM-018	0,261	04.03						
PRM-037	0,186	04.03						
PRM-340	0,157	04.03						
PUS-285	0,305	04.34						
PUS-385	0,334	04.33						
PUS-389	0,296	04.33						
PVZ-006	0,305	04.34						
PVZ-028	0,296	04.33						
PVZ-066	0,336	04.33						

Linha Nobile 2.5

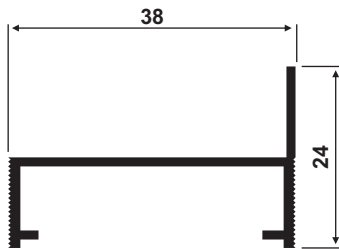
Perfis



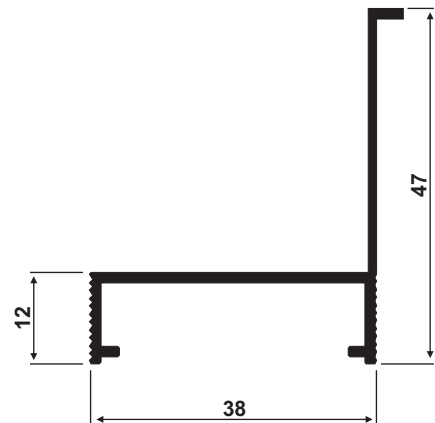
PCL-006
CL-006
1,156 kg/m



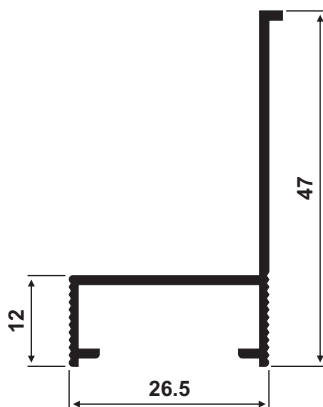
PCL-011
CL-011
0,325 kg/m



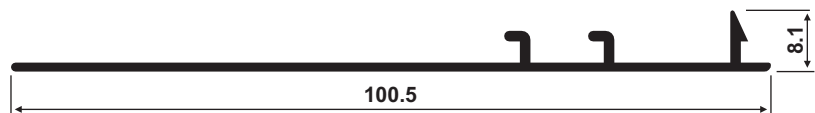
PCM-060
CM-060
0,284 kg/m



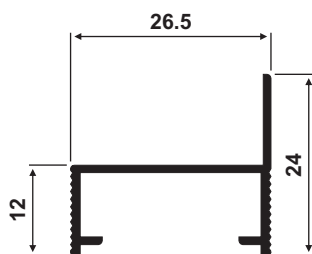
PCM-098
0,336 Kg/m



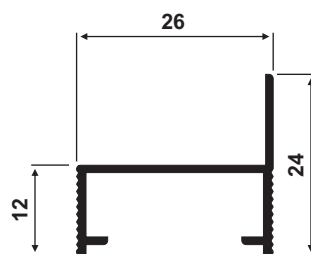
PCM-151
CM-151
0,288 kg/m



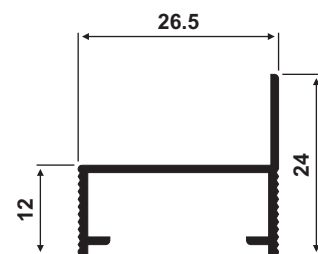
PCM-099
0,426 Kg/m



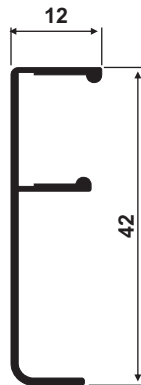
PCM-063
CM-063
0,219 kg/m



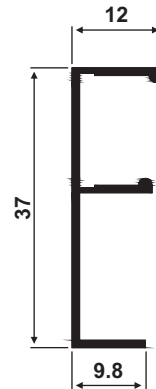
PCM-200
0,195 kg/m



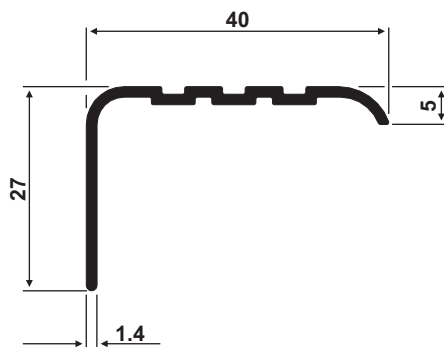
PCM-064
0,176 kg/m



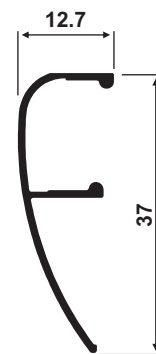
PRM-014
MN-014
0,201 kg/m



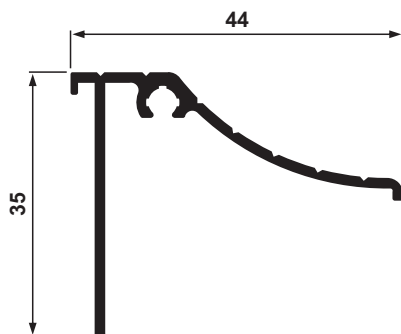
PRM-005
MP-347
0,190 kg/m



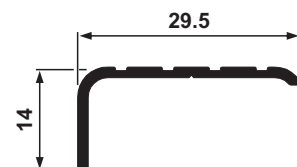
PRM-018
ME-013
0,261 Kg/m



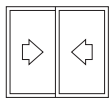
PRM-037
0,186 kg/m



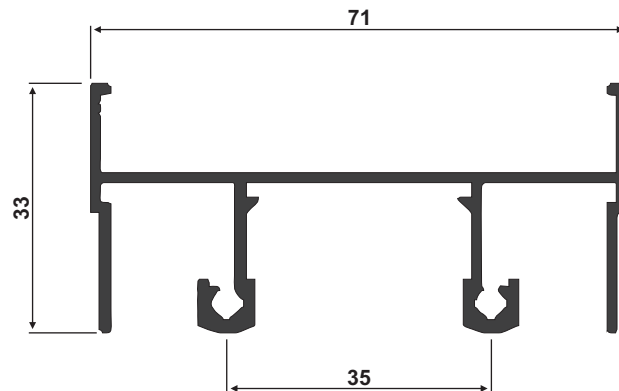
PRM-016
CM-169
0,421 kg/m



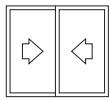
PRM-340
0,157 g/m



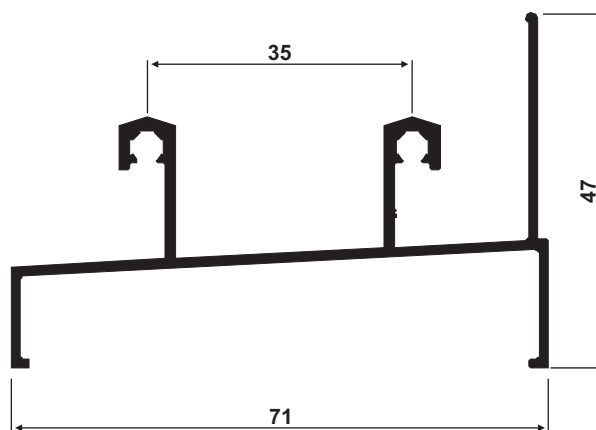
MARCO SUPERIOR
CORRER / 2



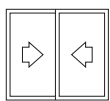
PNB-001
0,760 Kg/m



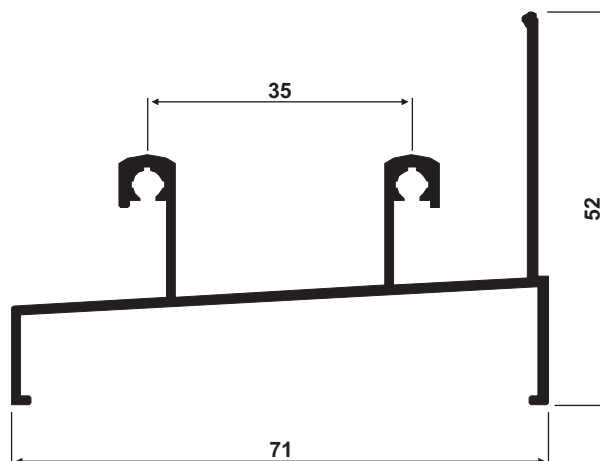
MARCO INFERIOR
CORRER / 2



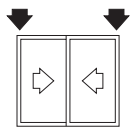
PNB-002
0,703 Kg/m



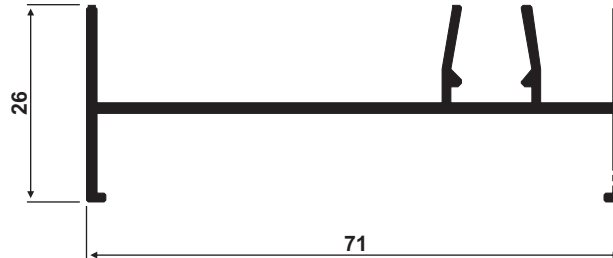
MARCO INFERIOR
CORRER / 2



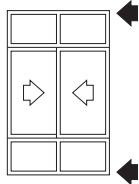
PNB-022
0,758 Kg/m



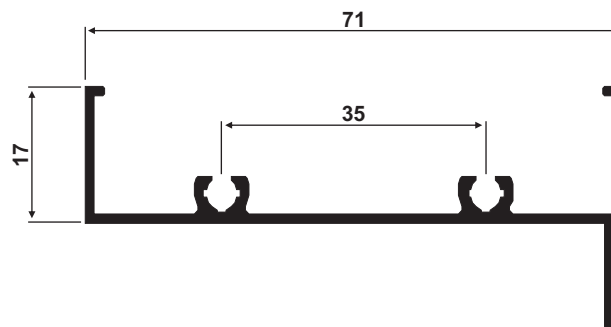
MARCO LATERAL
CORRER / 2



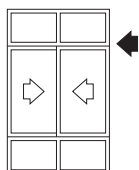
PNB-003
0,524 Kg/m



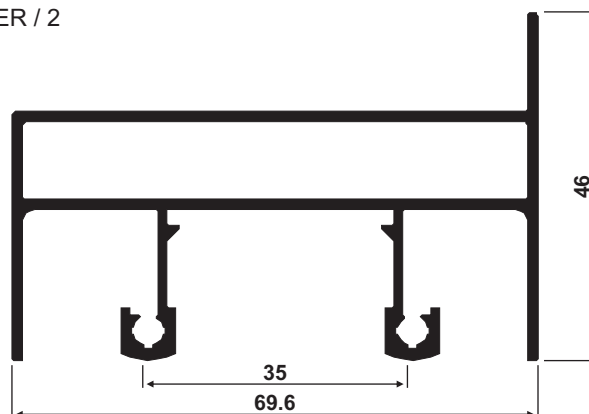
MARCO BANDEIRA PEITORIL
CORRER / 2



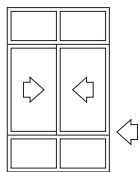
PNB-004
0,489 Kg/m



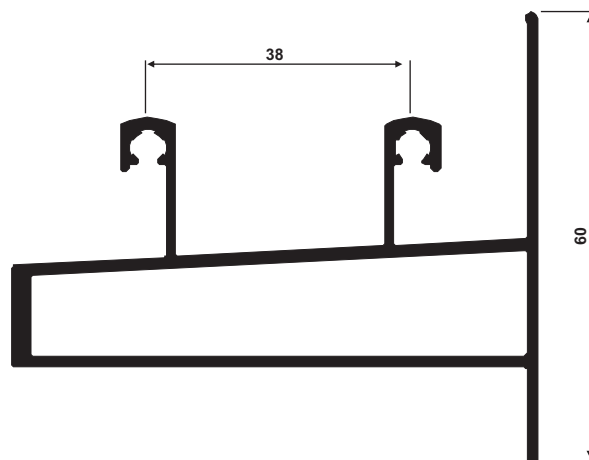
TRAVESSA BANDEIRA / MARCO
CORRER / 2



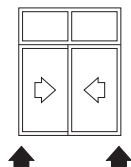
PNB-005
1,141 Kg/m



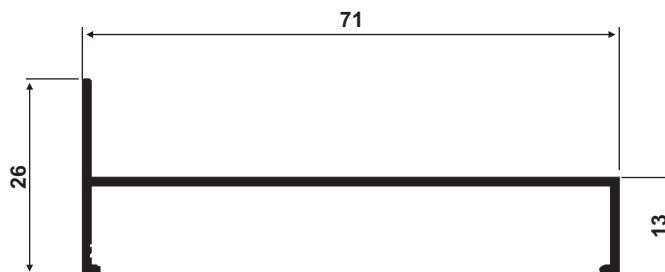
TRAVESSA PEITORIL / MARCO
CORRER / 2



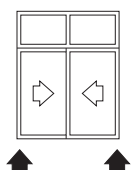
PNB-006
1,118 Kg/m



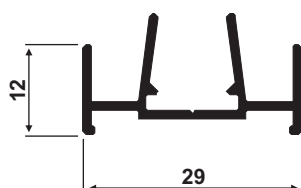
MARCO LATERAL
CORRER / 2



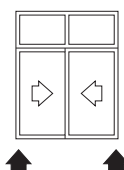
PNB-007
0,382 Kg/m



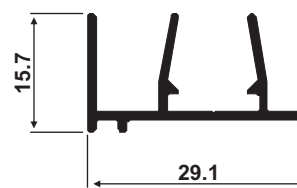
COMPLEMENTO / MARCO LATERAL
CORRER



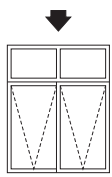
PNB-291
0,258 Kg/m



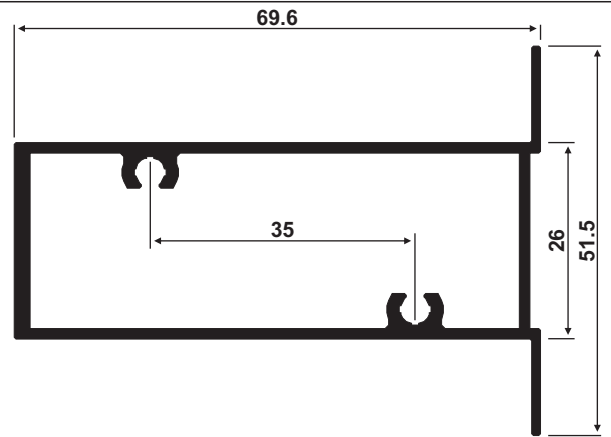
COMPLEMENTO / MARCO LATERAL
CORRER



PNB-008
0,241 Kg/m

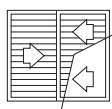


COLUNA

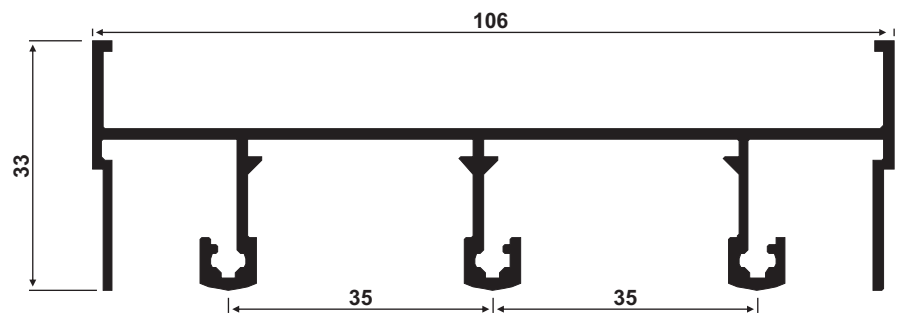


PNB-009

0,903 Kg/m

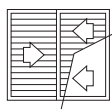


MARCO SUPERIOR
CORRER / 3

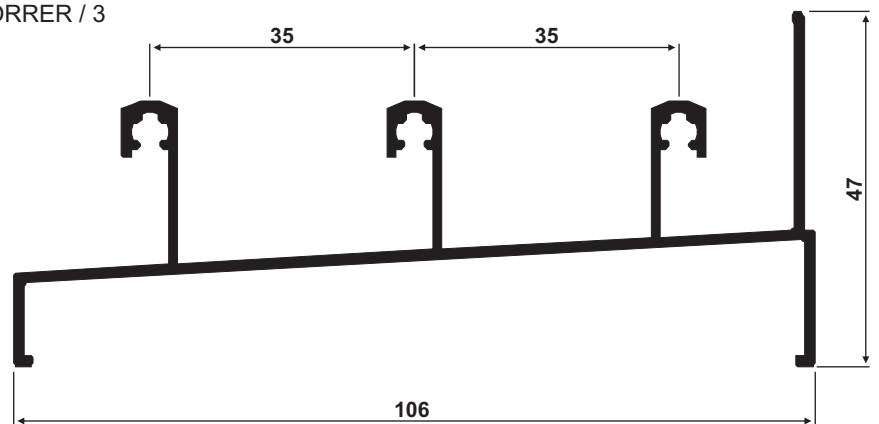


PNB-010

1,022 Kg/m

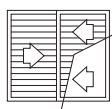


MARCO INFERIOR CORRER / 3

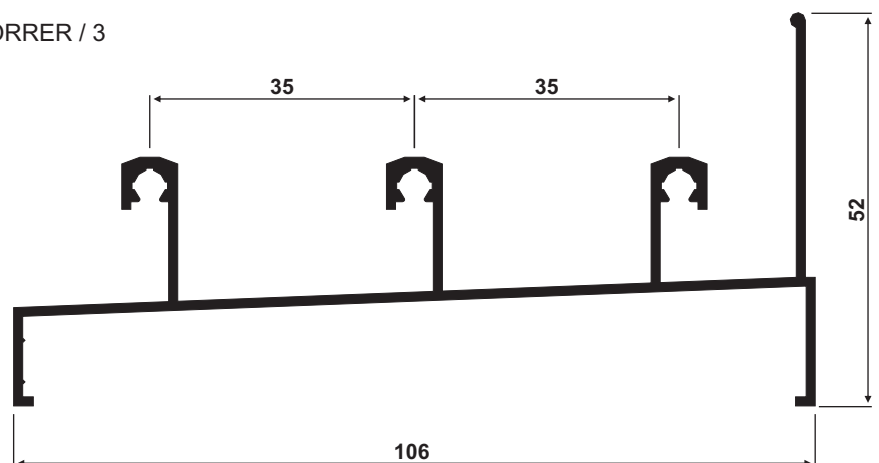


PNB-011

0,962 Kg/m

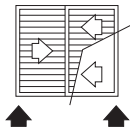


MARCO INFERIOR CORRER / 3

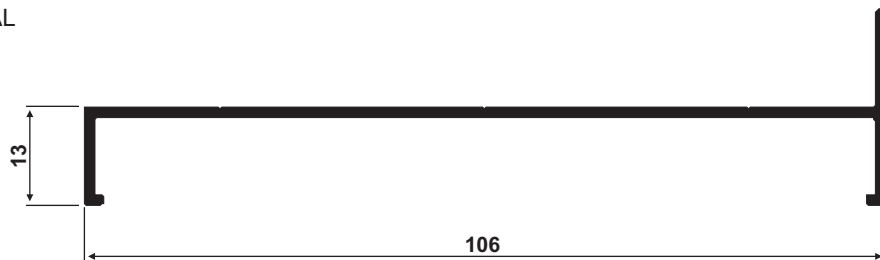


PNB-211

0,977 Kg/m

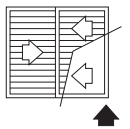


MARCO LATERAL
CORRER / 3

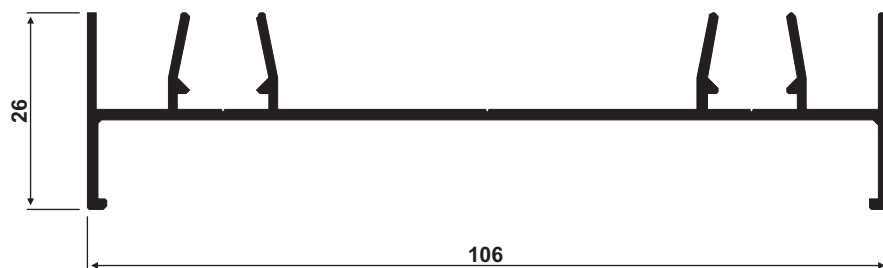


PNB-012

0,524 Kg/m

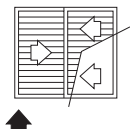


MARCO LATERAL
CORRER / 3

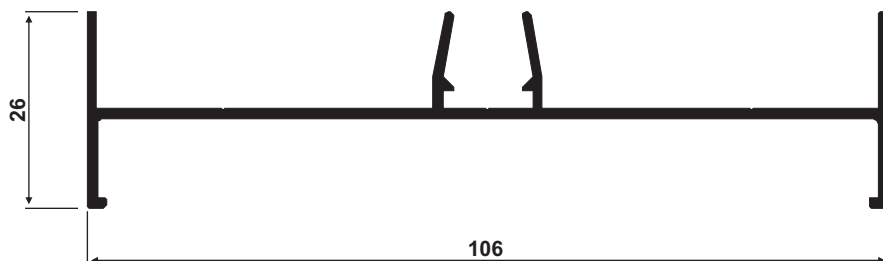


PNB-013

0,758 Kg/m

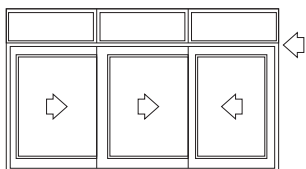


MARCO LATERAL
CORRER / 3

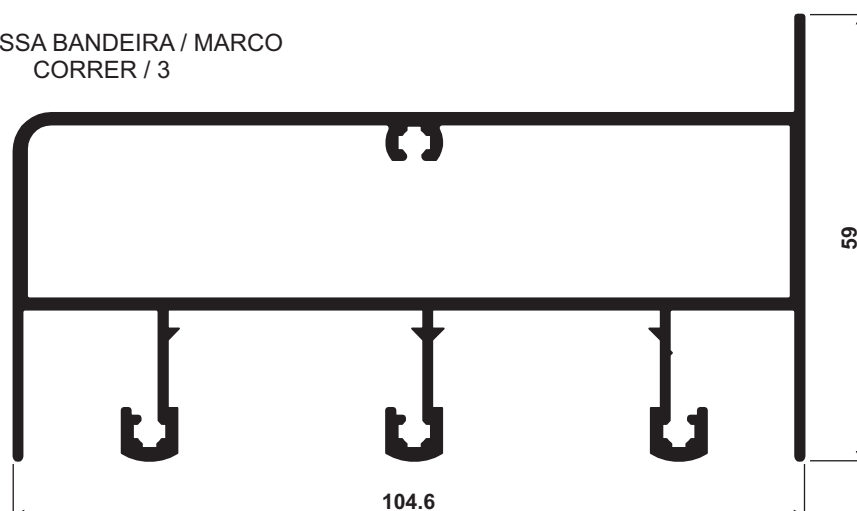


PNB-014

0,658 Kg/m

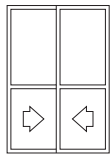


TRAVESSA BANDEIRA / MARCO
CORRER / 3

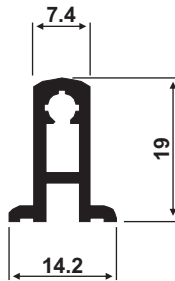


PNB-019

1,797 kg/m

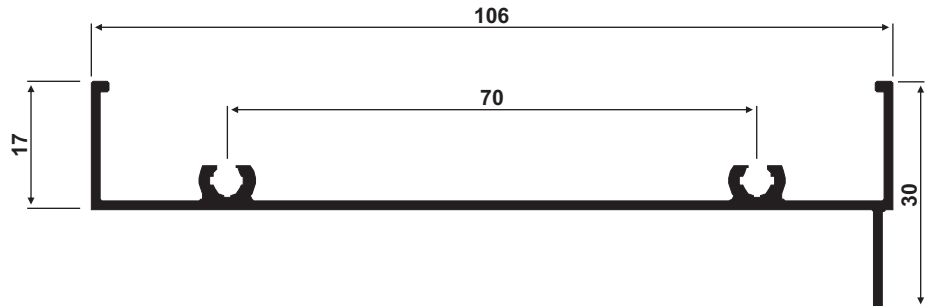
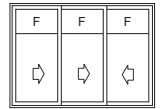


MARCO INFERIOR
CORRER / 2



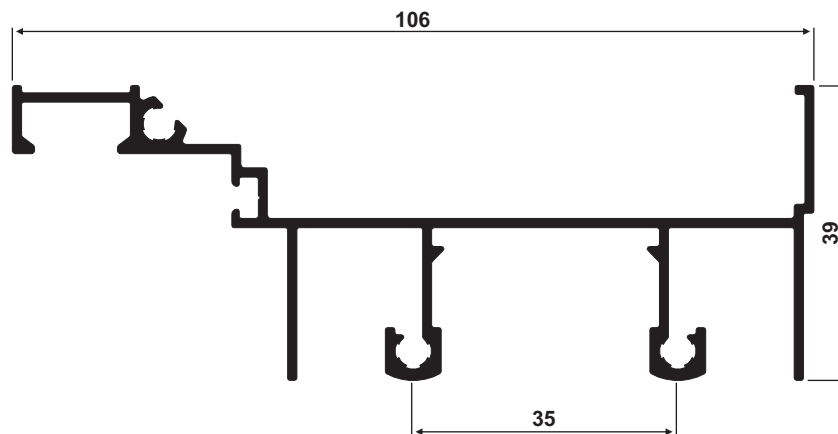
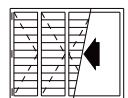
PNB-017
0,226 Kg/m

MARCO BANDEIRA PEITORIL CORRER / 3



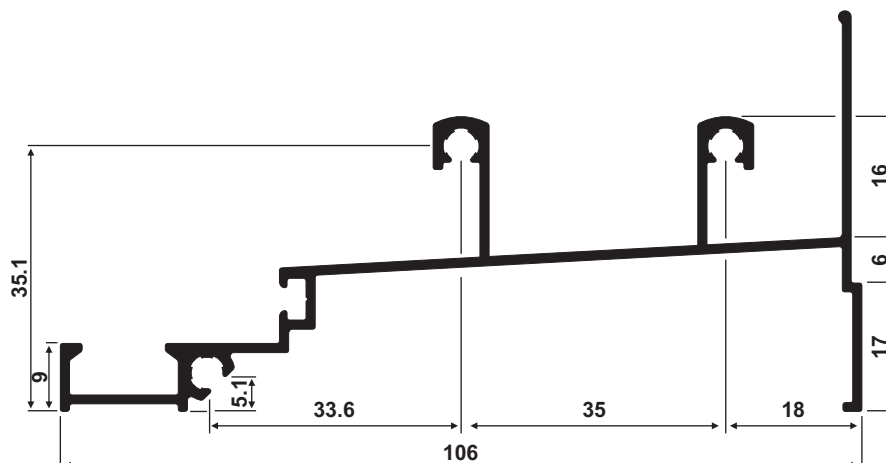
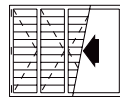
PNB-018
0,647 Kg/m

MARCO SUPERIOR / CORRER / VENEZIANA CAMARÃO

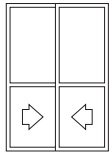


PNB-024
0,988 Kg/m

MARCO INFERIOR / CORRER / VENEZIANA CAMARÃO

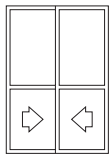
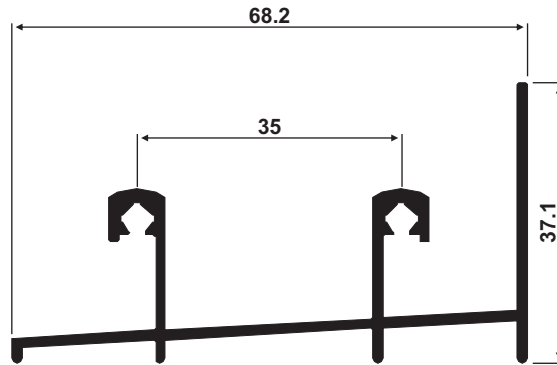


PNB-025
0,947 Kg/m



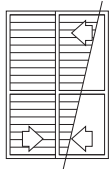
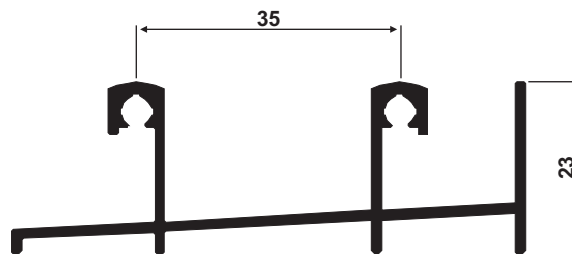
MARCO INFERIOR
CORRER / 2

PNB-228
0,709 Kg/m



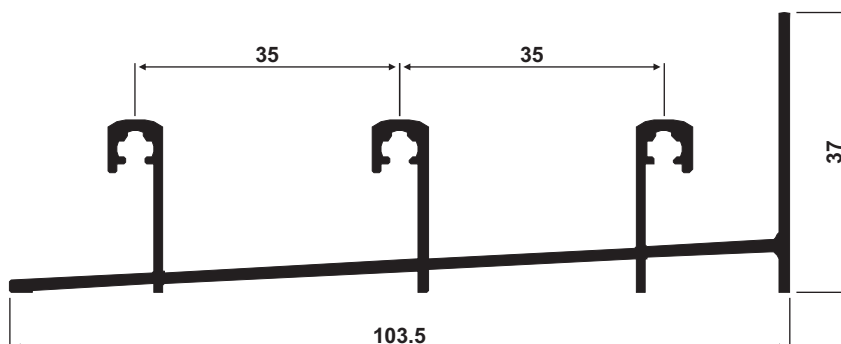
MARCO INFERIOR
CORRER / 2

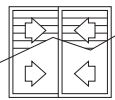
PNB-260
0,650 Kg/m



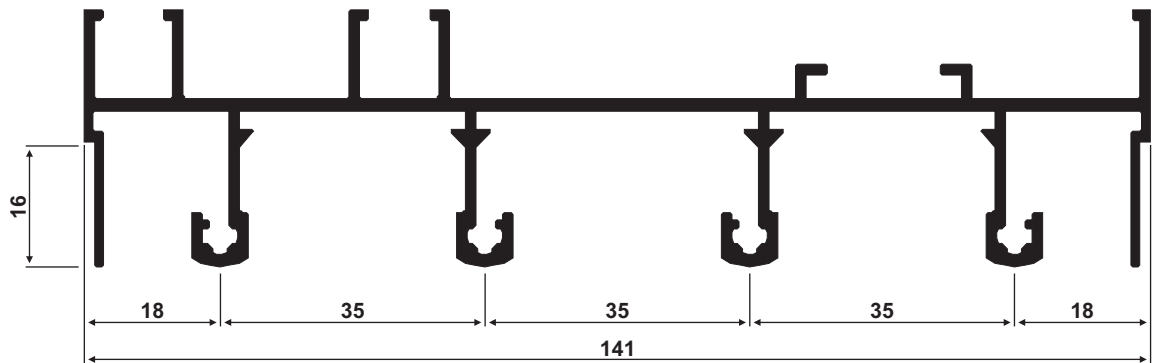
MARCO INFERIOR
CORRER / 3

PNB-230
0,964 Kg/m

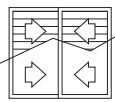




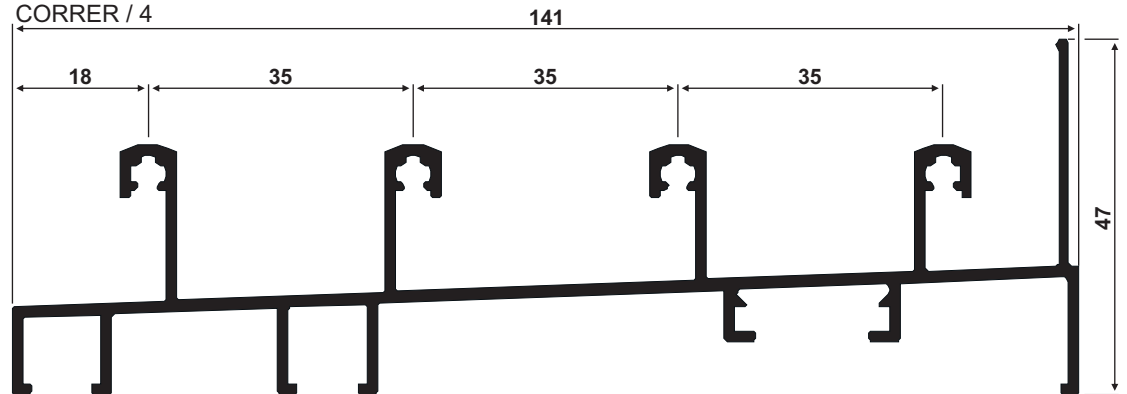
MARCO SUPERIOR
CORRER / 4



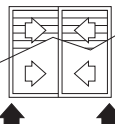
PNB-121
1,569 Kg/m



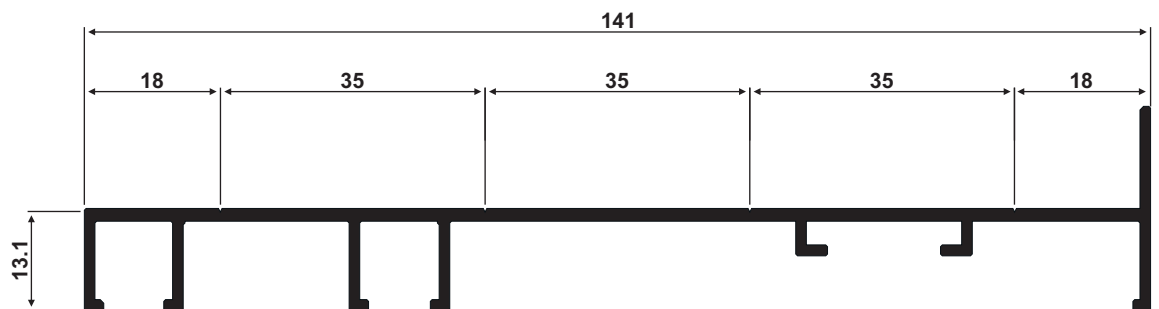
MARCO INFERIOR
CORRER / 4



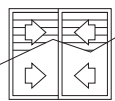
PNB-122
1,474 Kg/m



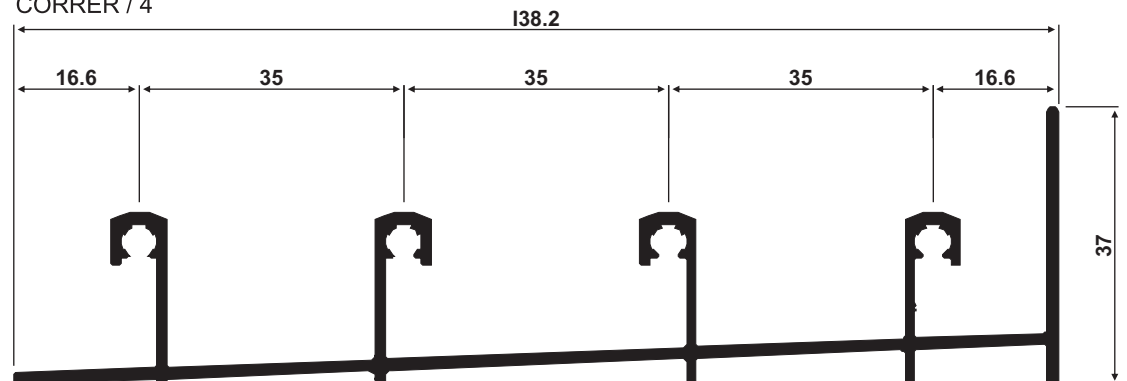
MARCO LATERAL
CORRER / 4



PNB-123
0,883 Kg/m

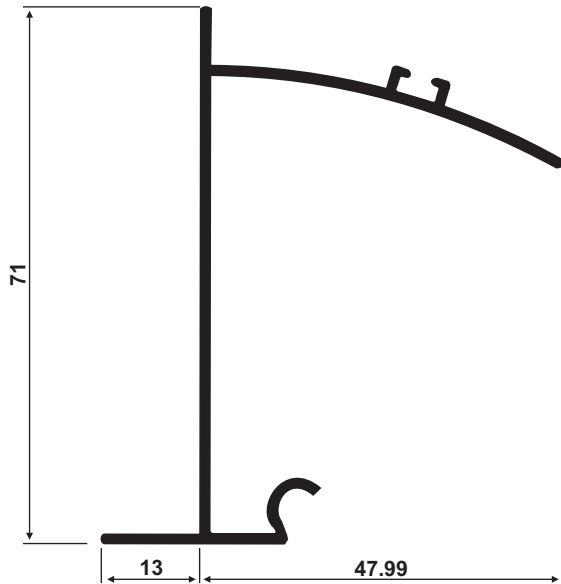


MARCO INFERIOR
CORRER / 4



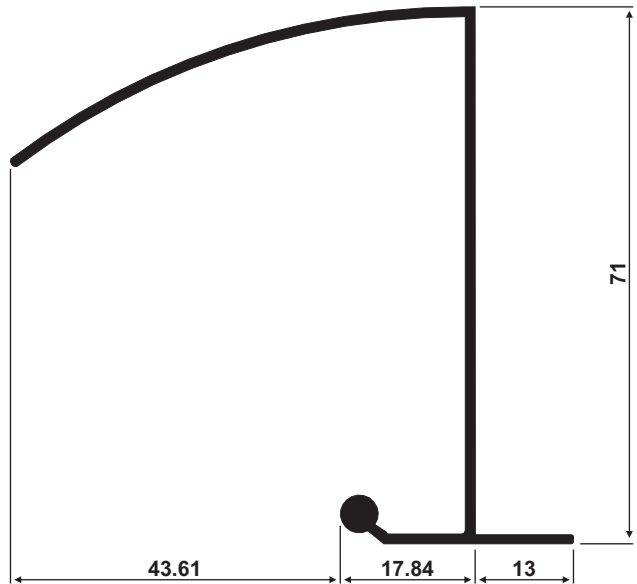
PNB-222
1,217 Kg/m

MARCO LATERAL P/ GRAU



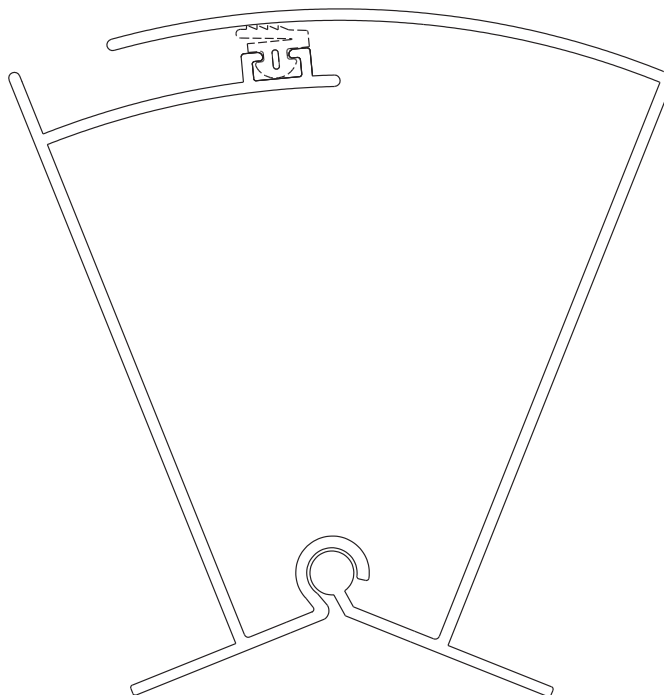
PNB-304
0,593 Kg/m

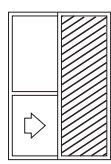
MARCO LATERAL P/ GRAU



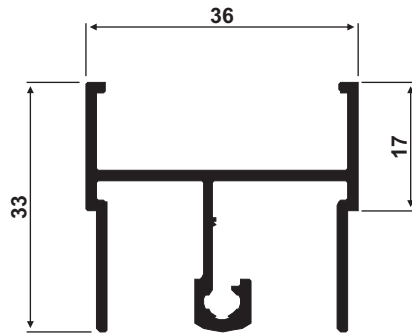
PNB-305
0,686 Kg/m

MONTAGEM

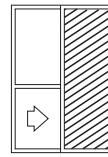




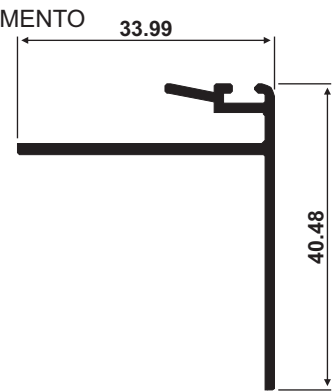
MARCO SUPERIOR
CORRER / 1



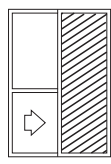
PNB-306
0,560 Kg/m



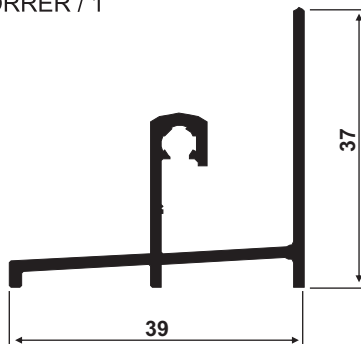
COMPLEMENTO



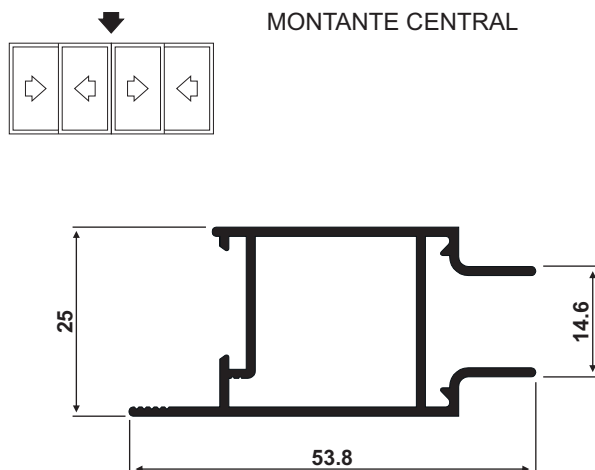
PNB-307
0,389 Kg/m



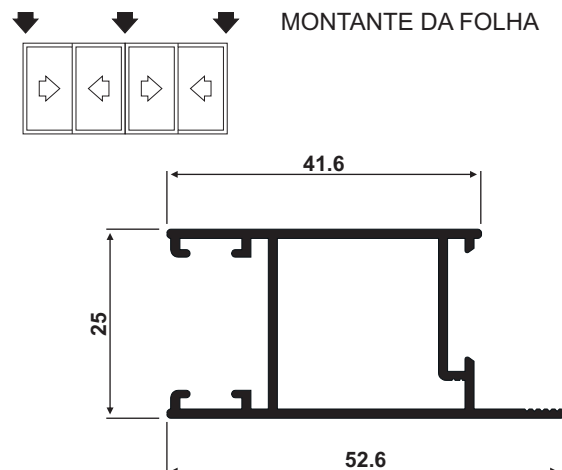
MARCO INFERIOR
CORRER / 1



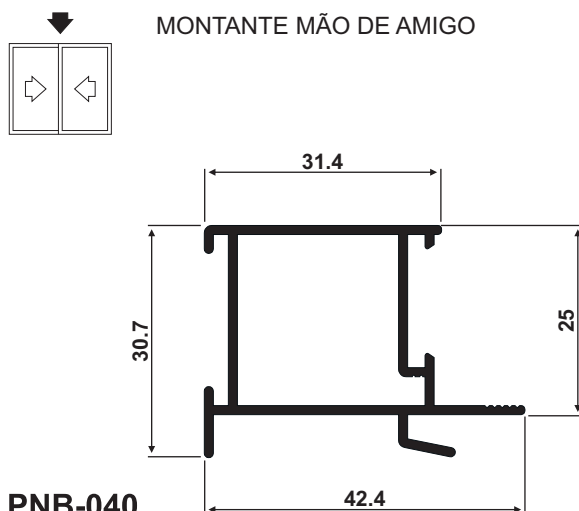
PNB-308
0,473 Kg/m



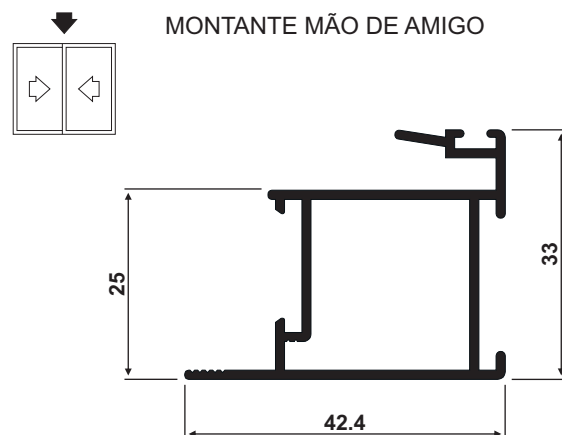
PNB-192
0,513 Kg/m



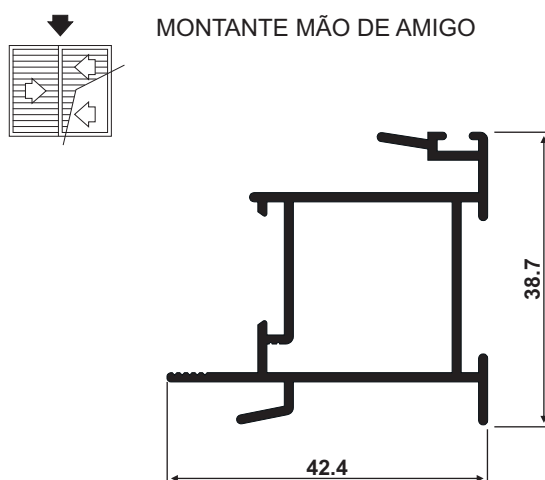
PNB-039
0,521 Kg/m



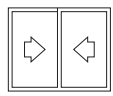
PNB-040
0,472 Kg/m



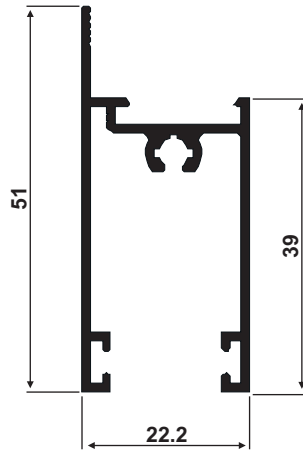
PNB-041
0,507 Kg/m



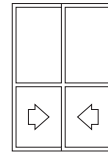
PNB-042
0,547 Kg/m



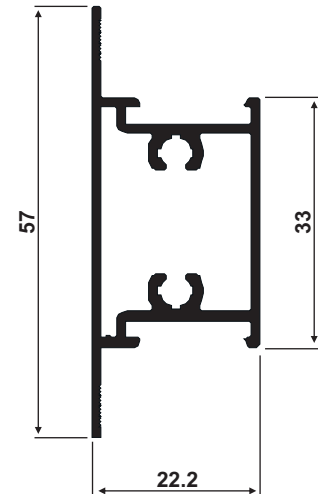
TRAVESSA / FOLHA



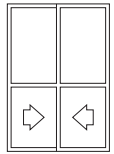
PNB-053
0,503 Kg/m



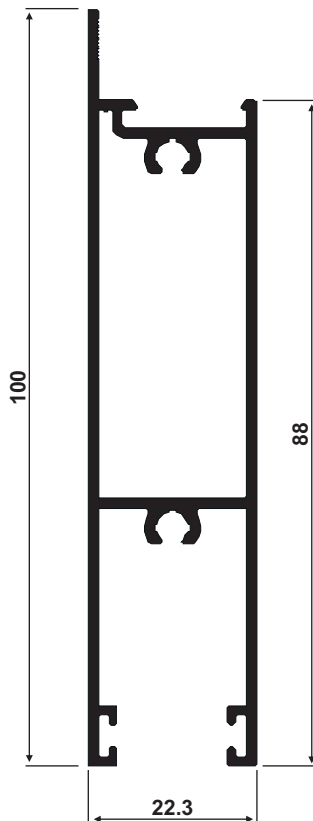
TRAVESSA CENTRAL / FOLHA



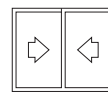
PNB-227
0,567 Kg/m



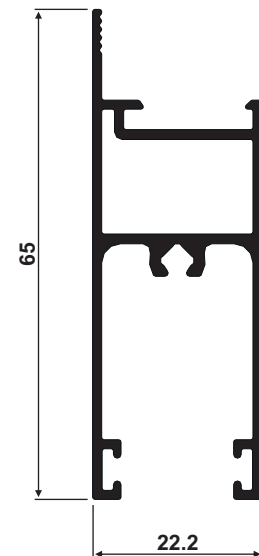
TRAVESSA INFERIOR / FOLHA



PNB-225
0,997 Kg/m



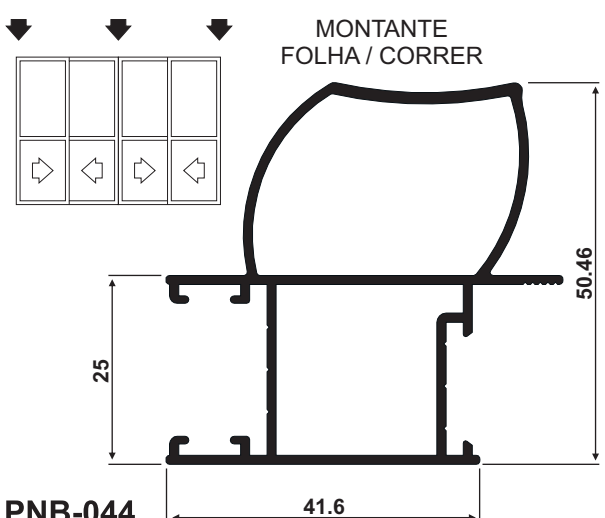
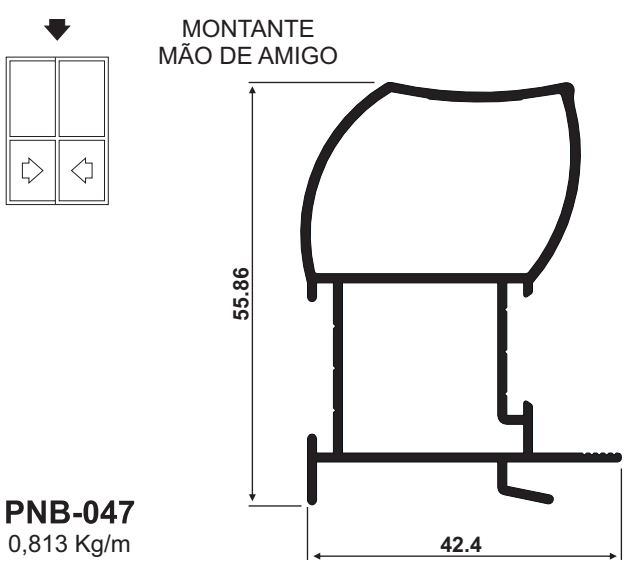
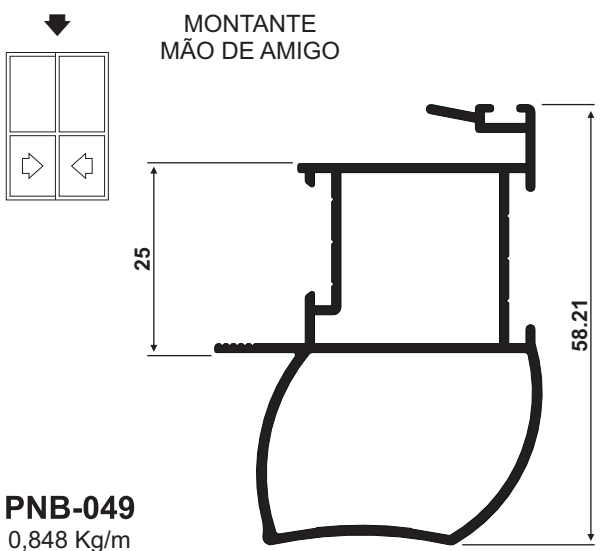
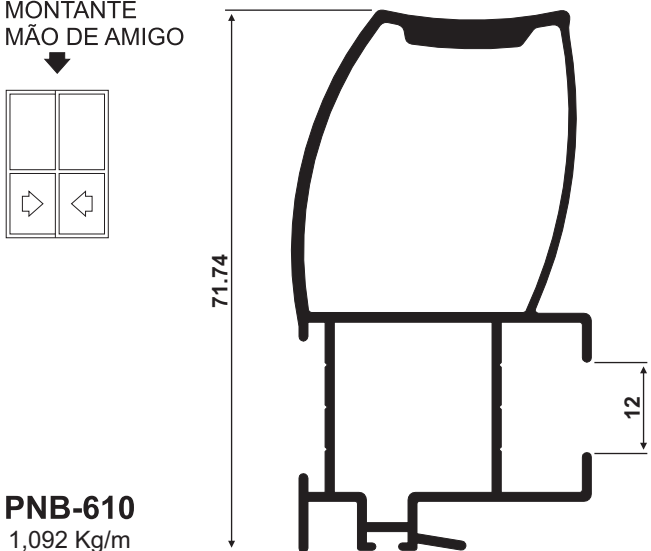
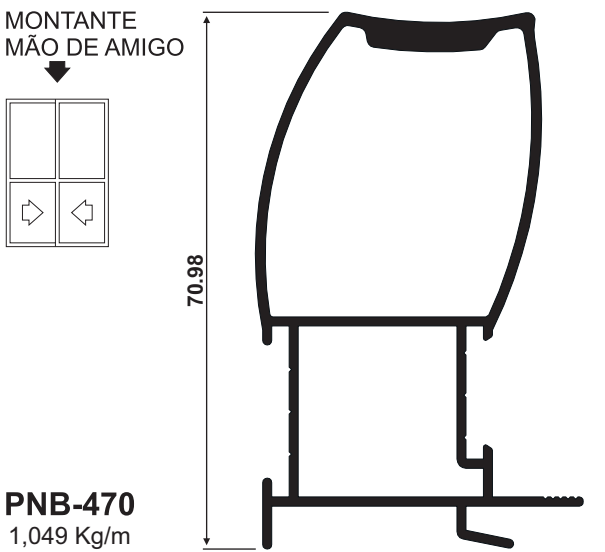
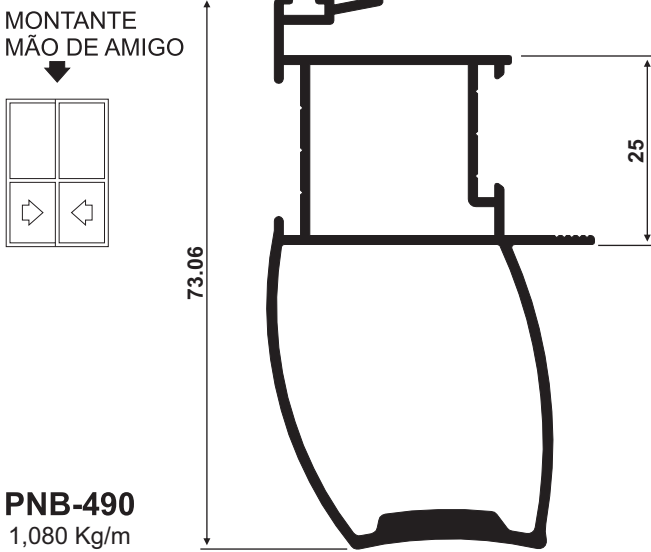
TRAVESSA / FOLHA

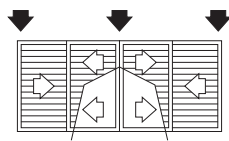


PNB-246
0,664 Kg/m

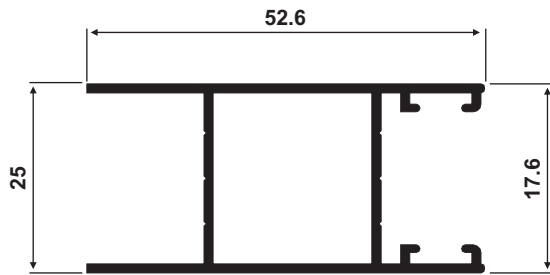
Linha Nobile 2.5

Perfis

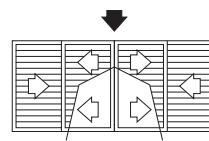
 MONTANTE FOLHA / CORRER PNB-044 0,878 Kg/m	 MONTANTE MÃO DE AMIGO PNB-047 0,813 Kg/m
 MONTANTE MÃO DE AMIGO PNB-049 0,848 Kg/m	 MONTANTE MÃO DE AMIGO PNB-610 1,092 Kg/m
 MONTANTE MÃO DE AMIGO PNB-470 1,049 Kg/m	 MONTANTE MÃO DE AMIGO PNB-490 1,080 Kg/m



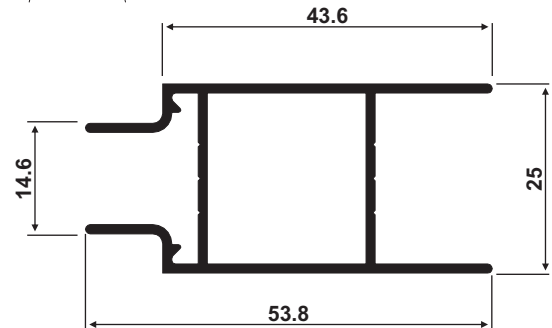
MONTANTE / FOLHA
VENEZIANA



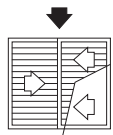
PNB-068
0,524 Kg/m



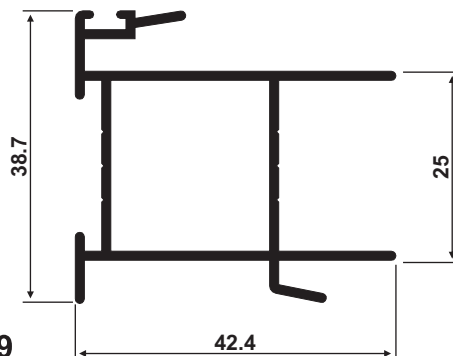
MONTANTE CENTRAL



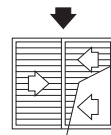
PNB-191
0,529 Kg/m



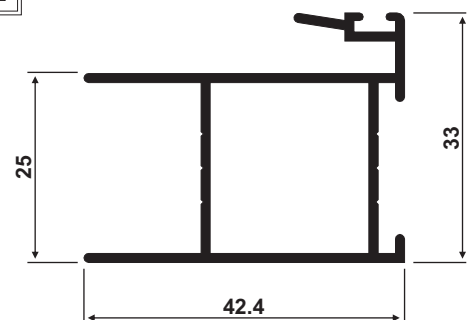
MONTANTE MÃO DE AMIGO



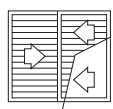
PNB-069
0,563 Kg/m



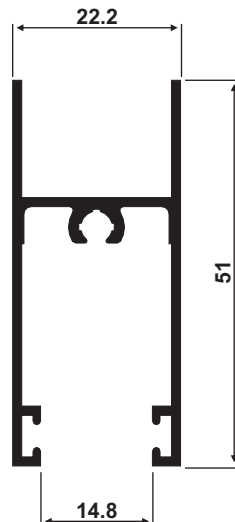
MONTANTE MÃO DE AMIGO



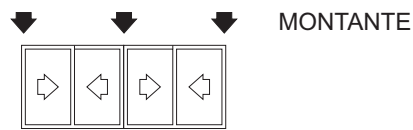
PNB-070
0,509 Kg/m



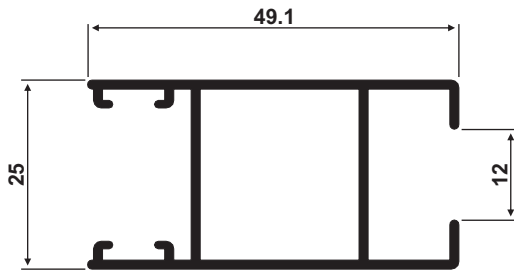
TRAVESSA / FOLHA



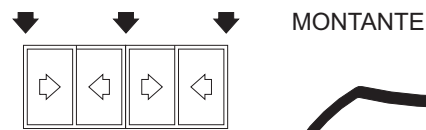
PNB-187
0,510 Kg/m



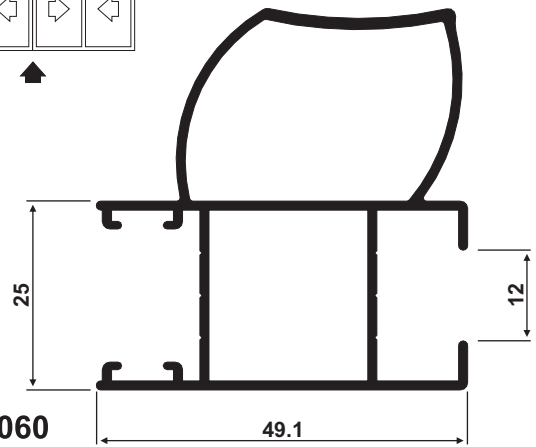
MONTANTE



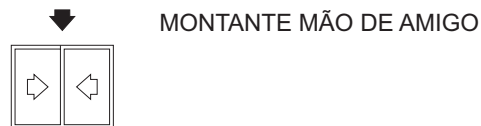
PNB-055
0,539 Kg/m



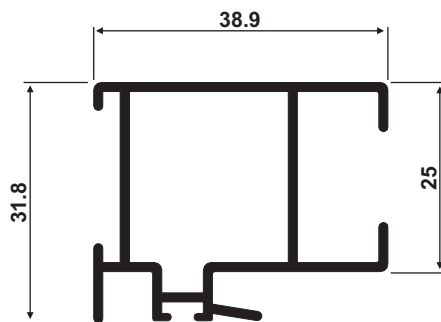
MONTANTE



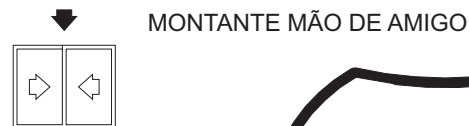
PNB-060
0,887 Kg/m



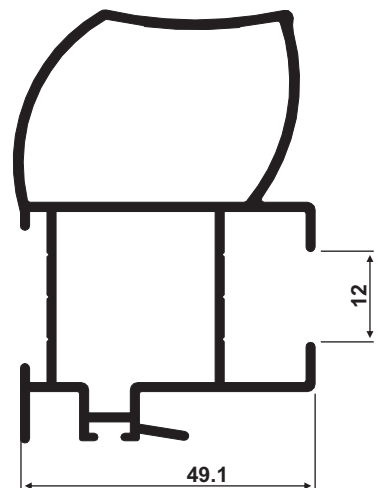
MONTANTE MÃO DE AMIGO



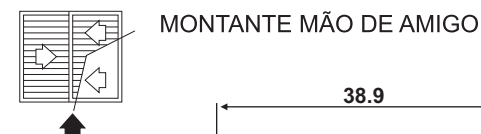
PNB-056
0,535 Kg/m



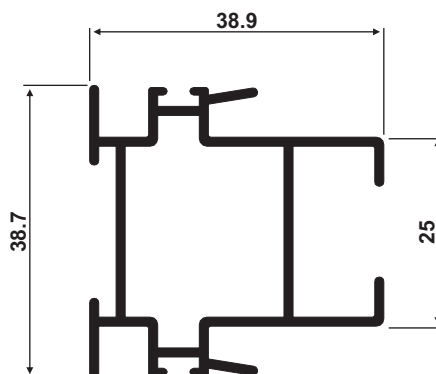
MONTANTE MÃO DE AMIGO



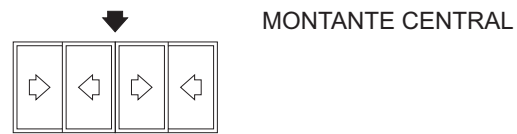
PNB-061
0,884 Kg/m



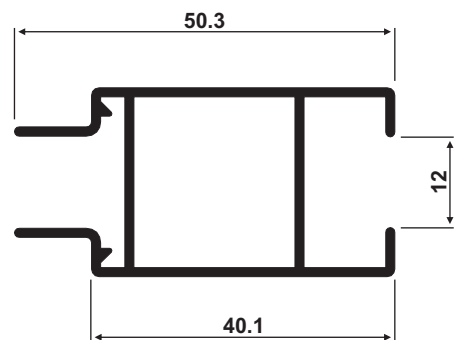
MONTANTE MÃO DE AMIGO



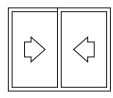
PNB-057
0,671 Kg/m



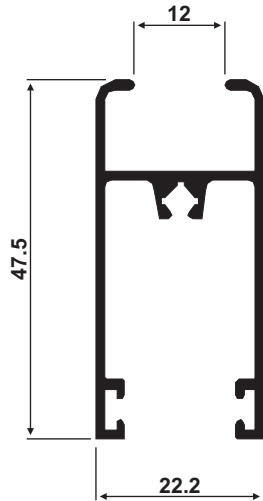
MONTANTE CENTRAL



PNB-190
0,537 Kg/m

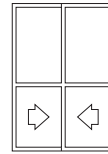


TRAVESSA / FOLHA

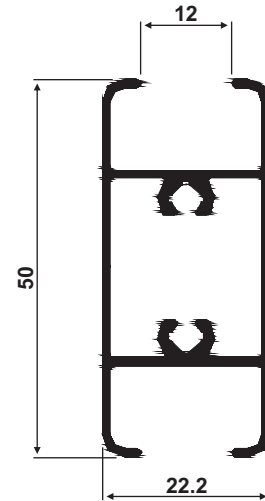


PNB-186

0,504 Kg/m

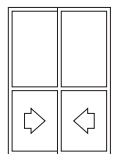


TRAVESSA CENTRAL / FOLHA

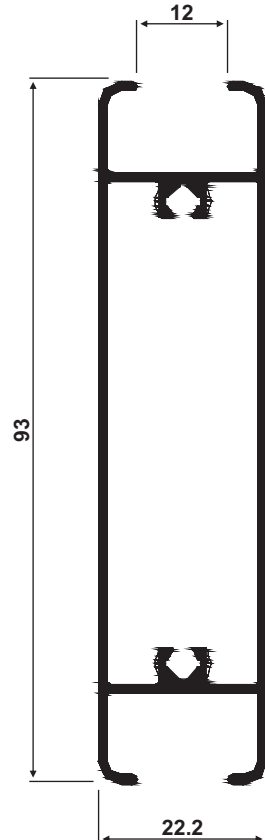


PNB-188

0,586 Kg/m

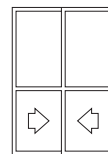


TRAVESSA CENTRAL / FOLHA

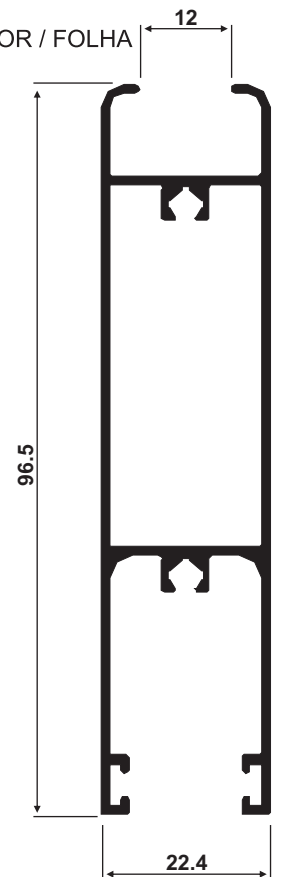


PNB-063

0,937 Kg/m



TRAVESSA INFERIOR / FOLHA



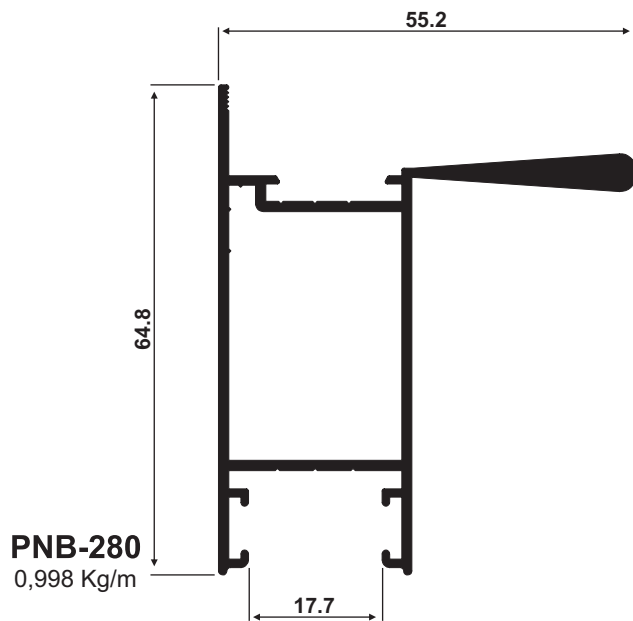
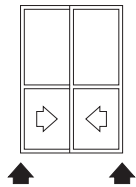
PNB-226

1,017 Kg/m

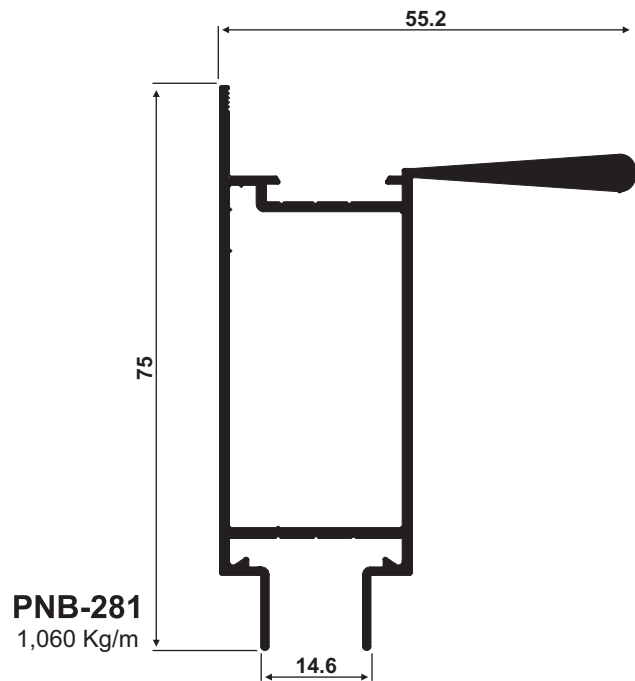
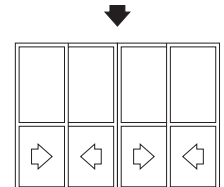
Linha Nobile 2.5

Perfis

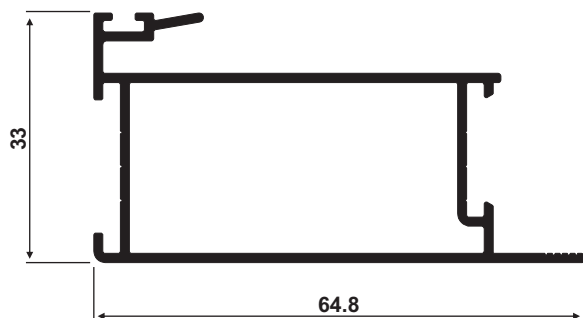
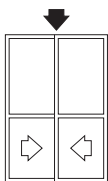
MONTANTE LATERAL / FOLHA



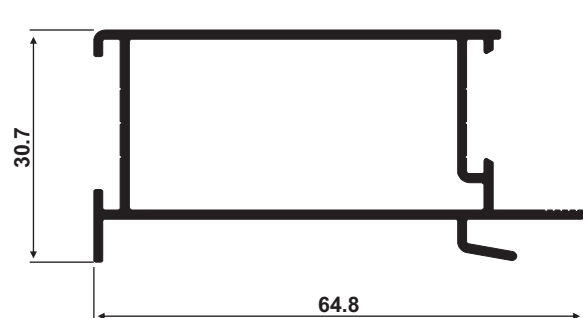
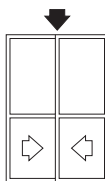
MONTANTE CENTRAL / FOLHA



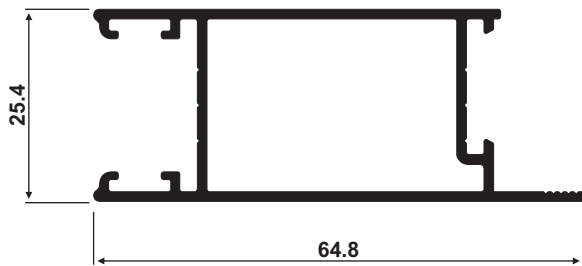
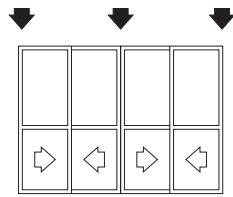
MONTANTE MÃO DE AMIGO



MONTANTE MÃO DE AMIGO



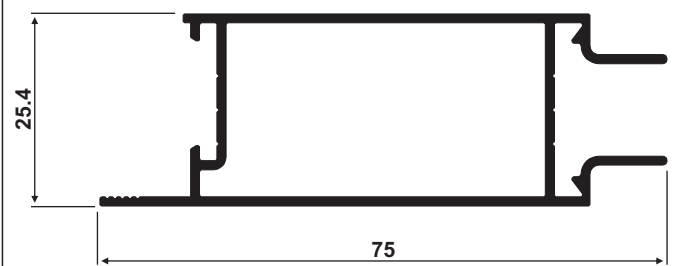
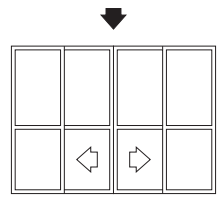
MONTANTE LATERAL / FOLHA



PNB-245

0,696 Kg/m

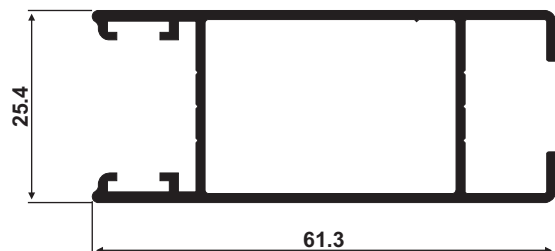
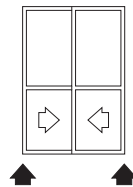
MONTANTE CENTRAL / FOLHA



PNB-244

0,702 Kg/m

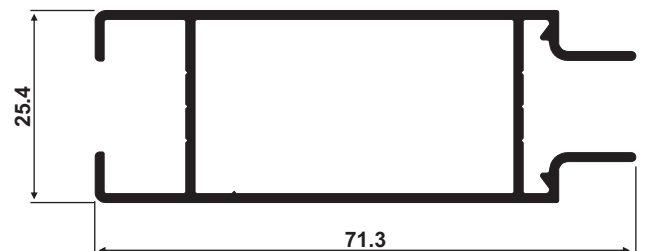
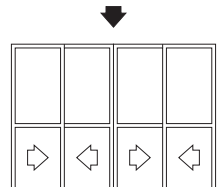
MONTANTE LATERAL / FOLHA



PNB-238

0,689 Kg/m

MONTANTE CENTRAL / FOLHA

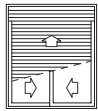


PNB-240

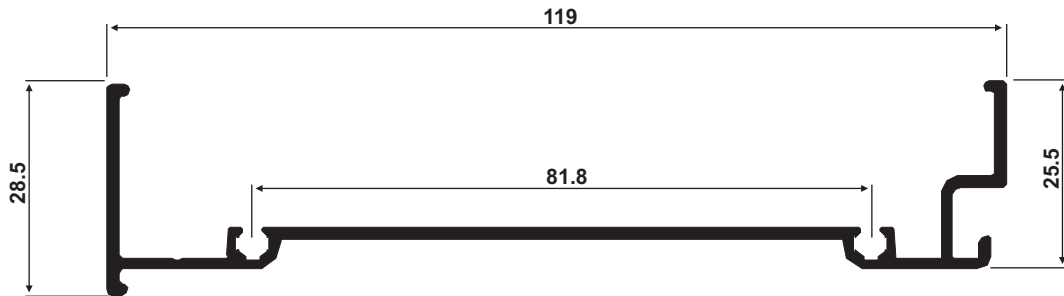
0,733 Kg/m

Linha Nobile Integrada

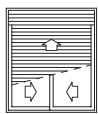
Perfis



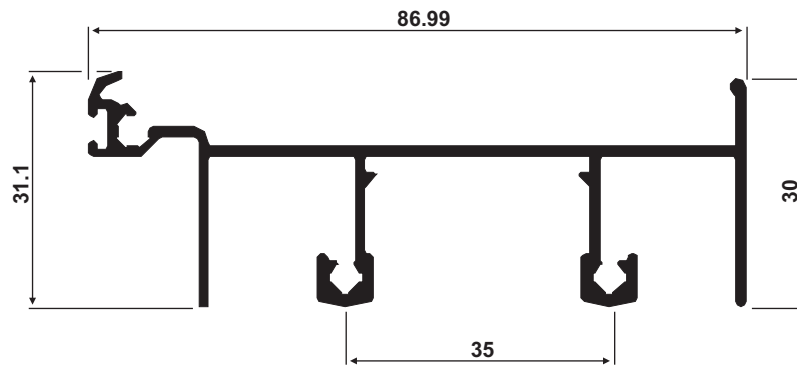
◀ MARCO SUPERIOR



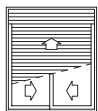
PNI-001
0,792 Kg/m



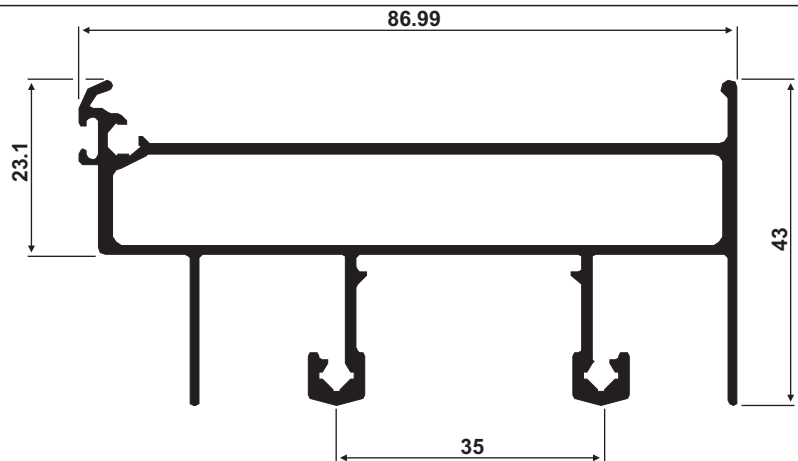
◀ MARCO INTERMEDIÁRIO



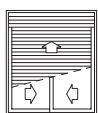
PNI-002
0,881 Kg/m



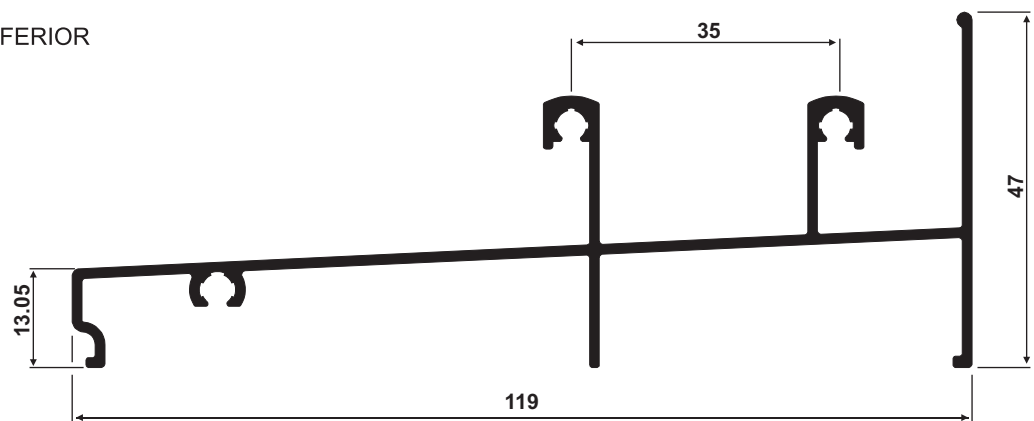
◀ MARCO INTERMEDIÁRIO



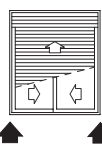
PNI-004
1,271 Kg/m



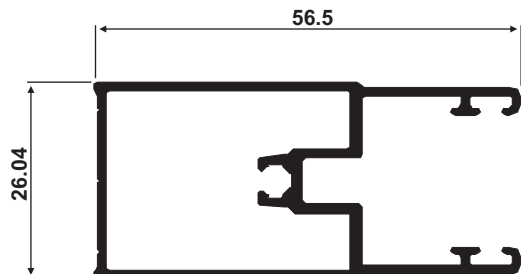
◀ MARCO INFERIOR



PNI-010
1,046 Kg/m



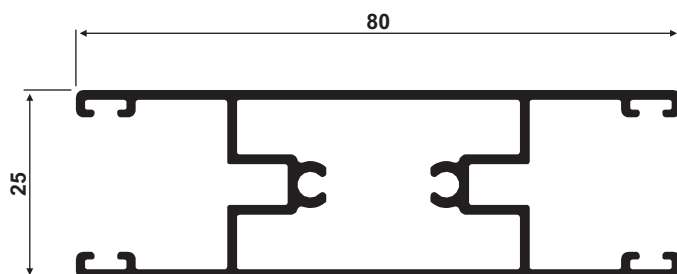
GUIA PALHETA INTEGRADA



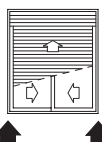
PNI-007
0,700 Kg/m



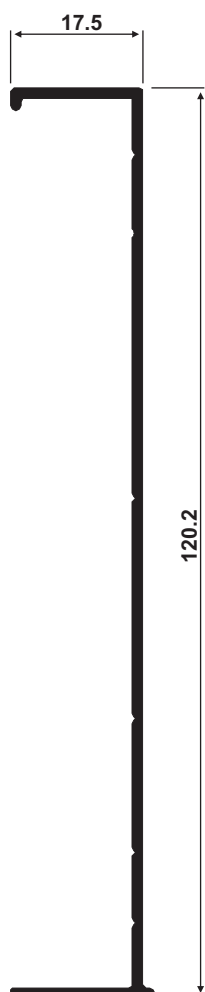
GUIA PALHETA INTEGRADA



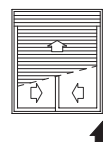
PNI-027
1,012 Kg/m



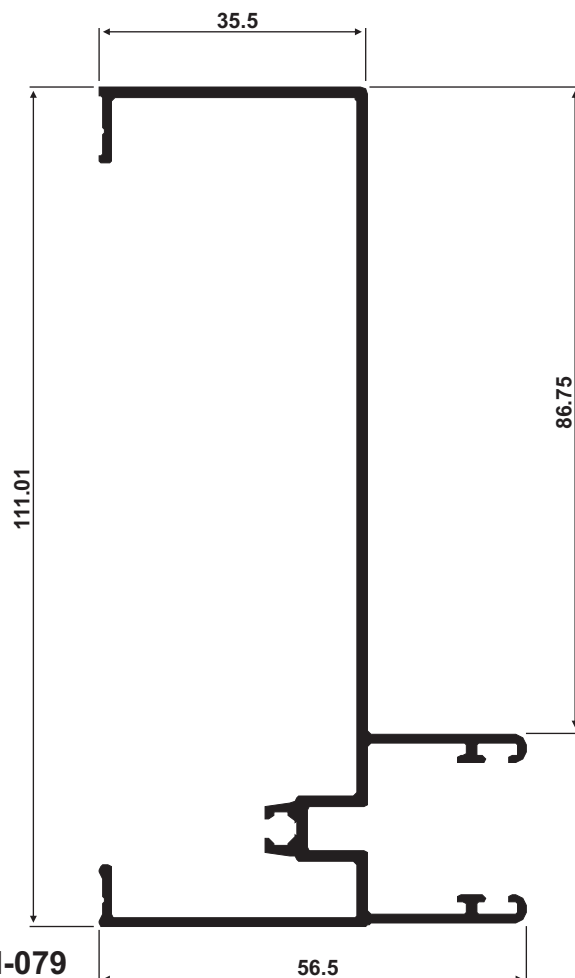
MARCO LATERAL



PNI-003
0,618 Kg/m



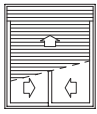
MARCO LATERAL RECOLHEDOR



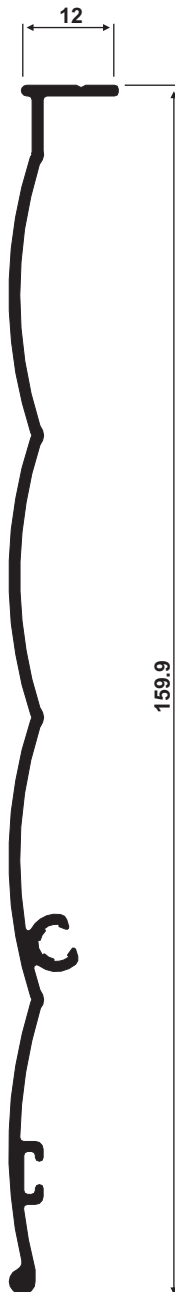
PNI-079
1,024 Kg/m

Linha Nobile Integrada

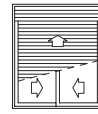
Perfis



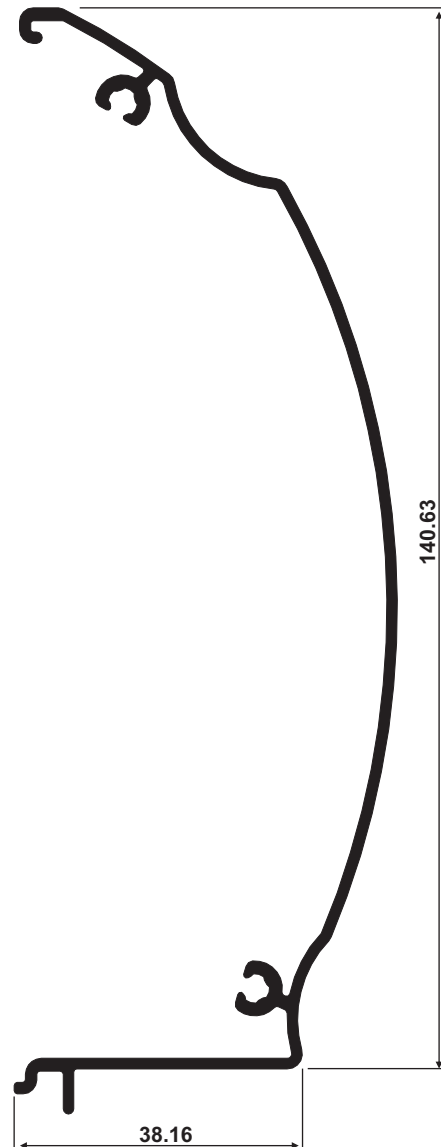
◀ TAMPA EXTERNA / JANELA



PNI-009
0,752 Kg/m



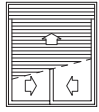
◀ TAMPA INTERNA / JANELA



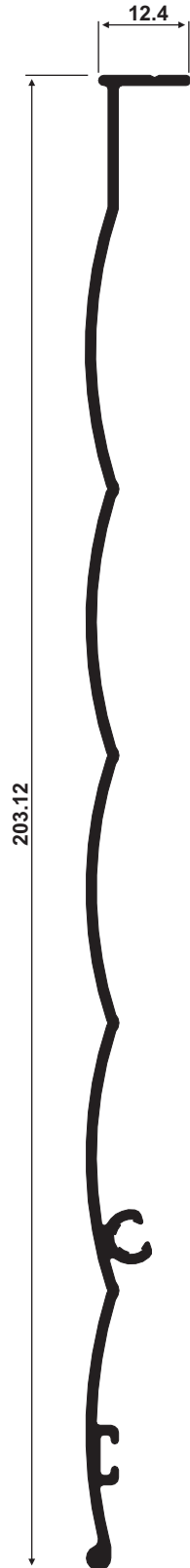
PNI-008
0,973 Kg/m

Linha Nobile Integrada

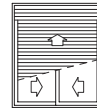
Perfis



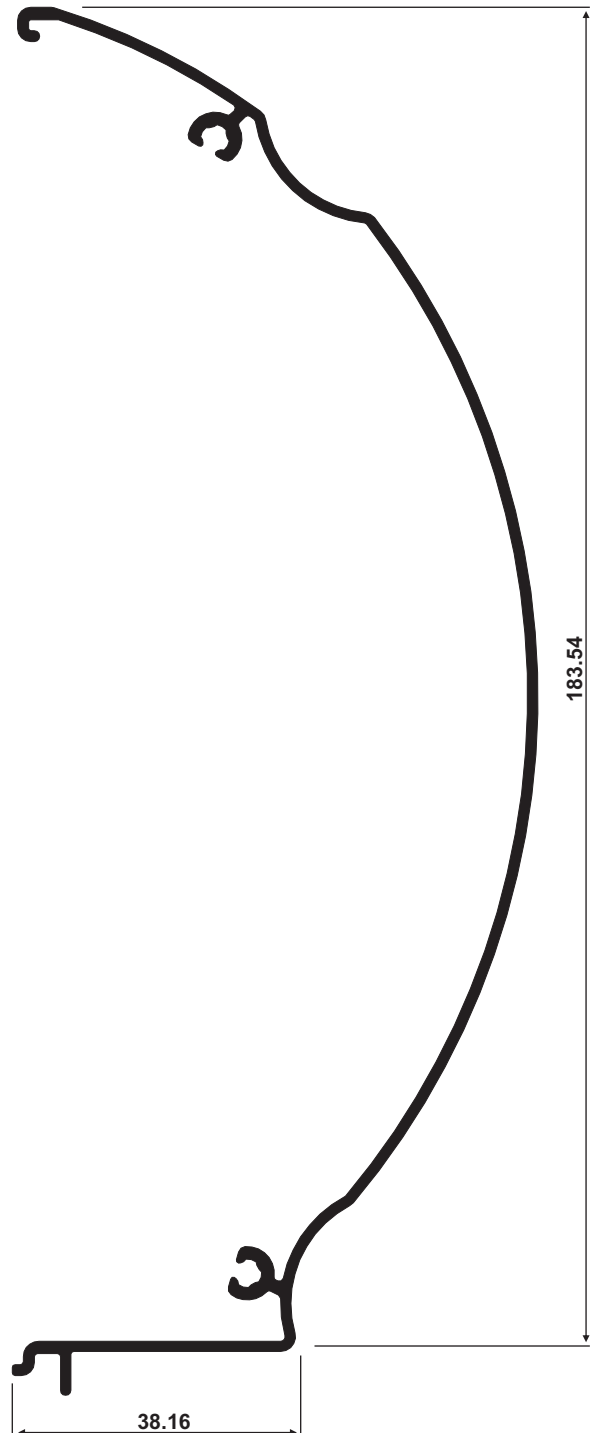
TAMPA EXTERNA / PORTA



PNI-039
0,994 Kg/m



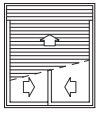
TAMPA INTERNA / PORTA



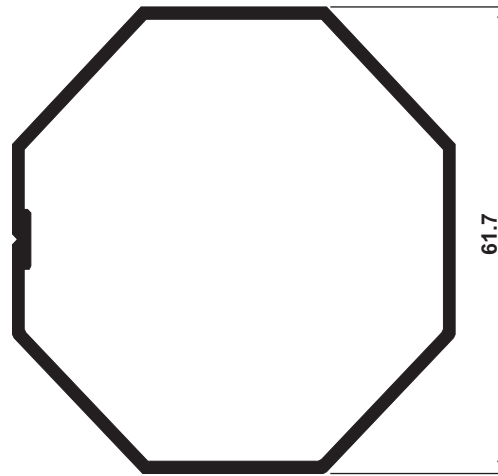
PNI-040
1,275 Kg/m

Linha Nobile Integrada

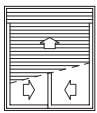
Perfis



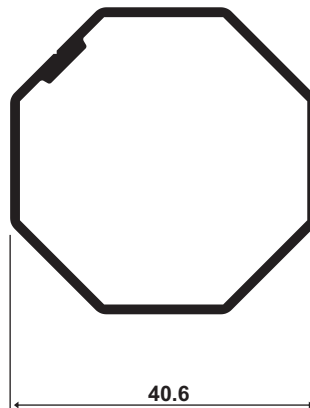
EIXO



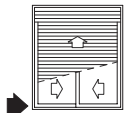
PNI-015
0,858 Kg/m



EIXO



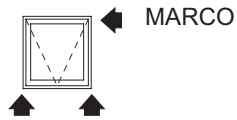
PNI-014
0,473 Kg/m



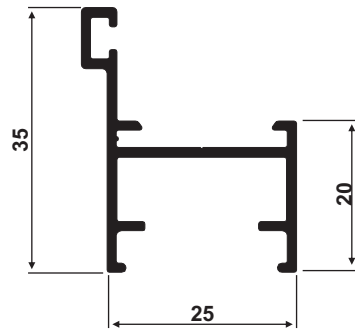
GUIA



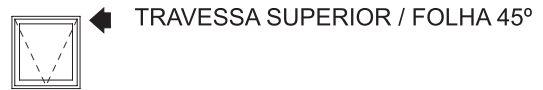
PNI-055
0,370 Kg/m



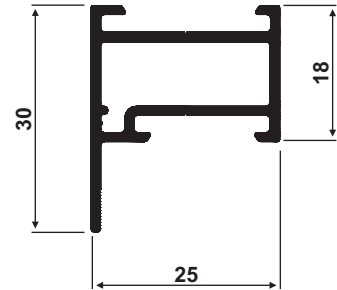
MARCO



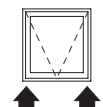
PNB-079
0,351 Kg/m



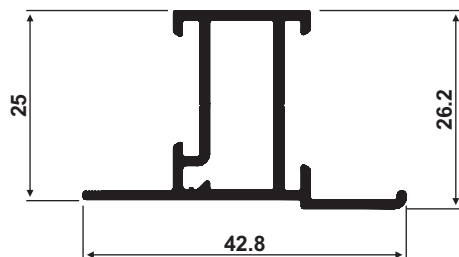
TRAVESSA SUPERIOR / FOLHA 45°



PNB-080
0,353 Kg/m



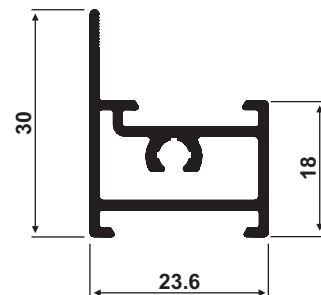
MONTANTE / FOLHA



PNB-081
0,401 Kg/m



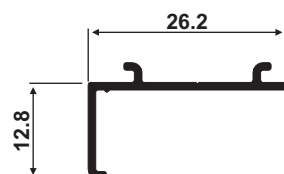
TRAVESSA / FOLHA



PNB-082
0,376 Kg/m



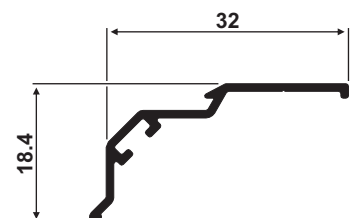
PINGADEIRA / FOLHA



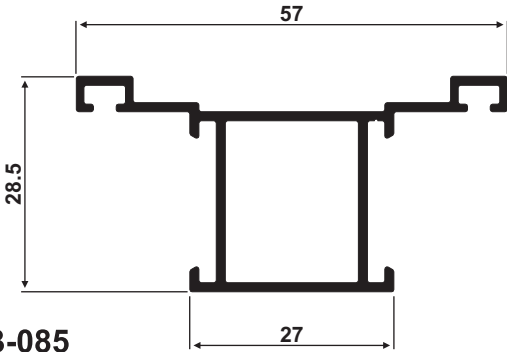
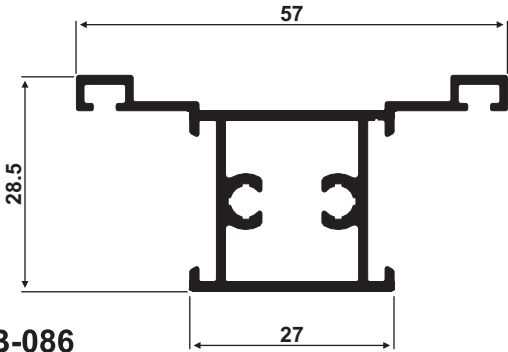
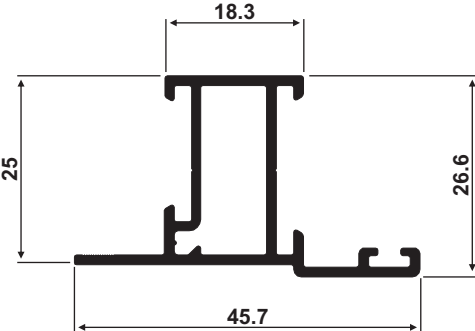
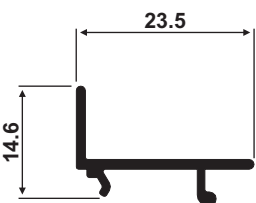
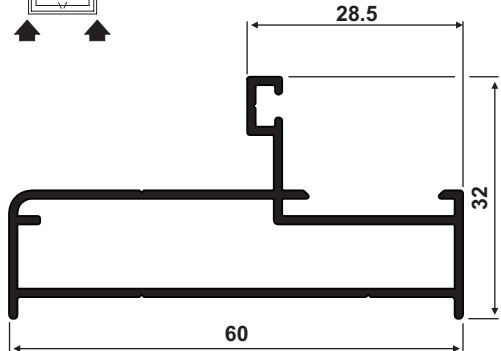
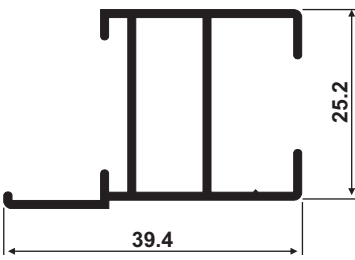
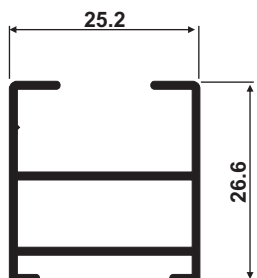
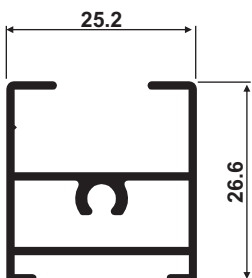
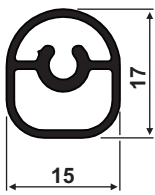
PNB-084
0,129 Kg/m

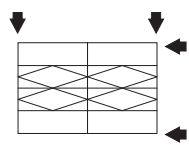


PINGADEIRA

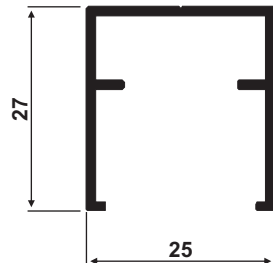


PNB-083
0,148 Kg/m

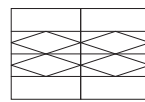
F F TRAVESSA / MARCO  57 28.5 27 PNB-085 0,500 Kg/m	F F COLUNA / MARCO  57 28.5 27 PNB-086 0,598 Kg/m		
MONTANTE / TRAVESSA FOLHA 45°  18.3 25 26.6 45.7 PNB-200 0,431 Kg/m	COMPLEMENTO VENEZIANA  23.5 14.6 PNB-108 0,142 Kg/m	MARCO P/ GRADE  28.5 32 60 PNB-379 0,587 Kg/m	
MONTANTE / TRAVESSA INF. FOLHA 45°  25.2 39.4 PNB-090 0,393 Kg/m	TRAVESSA SUPERIOR / FOLHA 45°  25.2 26.6 PNB-091 0,349 Kg/m	TRAVESSA SUPERIOR / FOLHA 90°  25.2 26.6 PNB-391 0,414 Kg/m	TUBO P/ GRADE  17 15 PNB-380 0,226 Kg/m



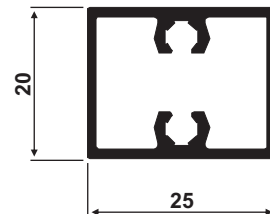
MARCO



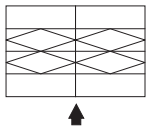
PNB-093
0,290 Kg/m



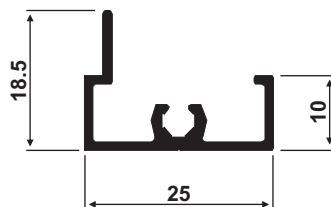
TRAVESSA / MARCO



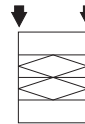
PNB-094
0,382 Kg/m



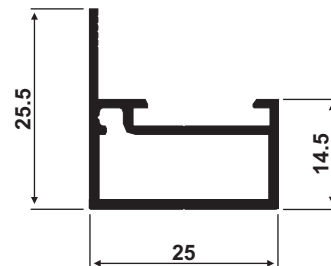
TRAVESSA



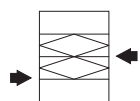
PNB-095
0,232 Kg/m



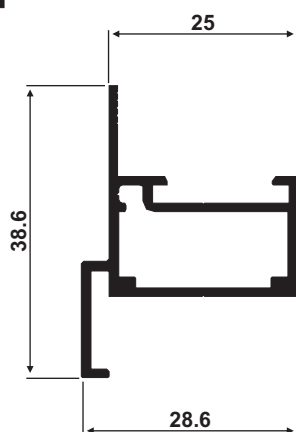
MONTANTE / FOLHA



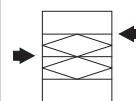
PNB-096
0,323 Kg/m



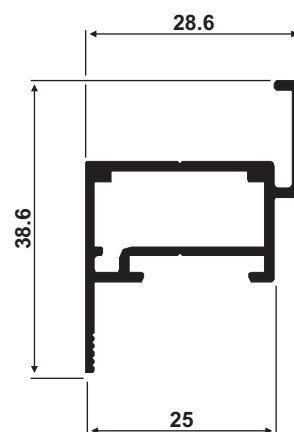
TRAVESSA / FOLHA



PNB-097
0,413 Kg/m



TRAVESSA / FOLHA

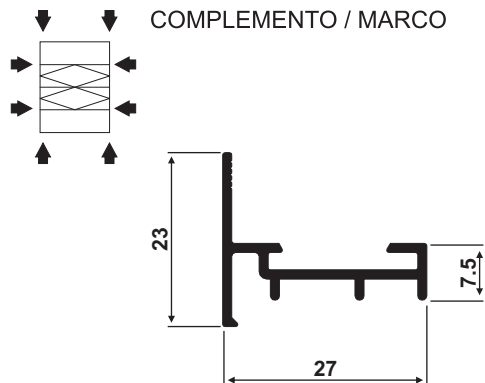


PNB-098
0,413 Kg/m

Linha Nobile 2.5

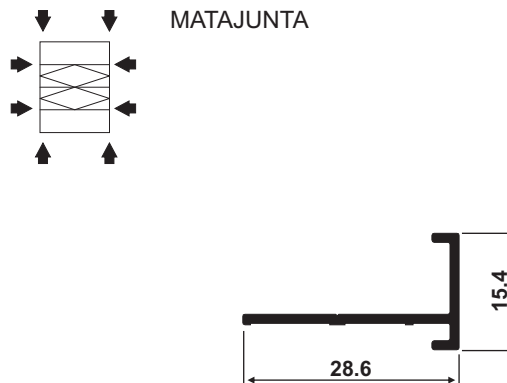
Perfis

COMPLEMENTO / MARCO



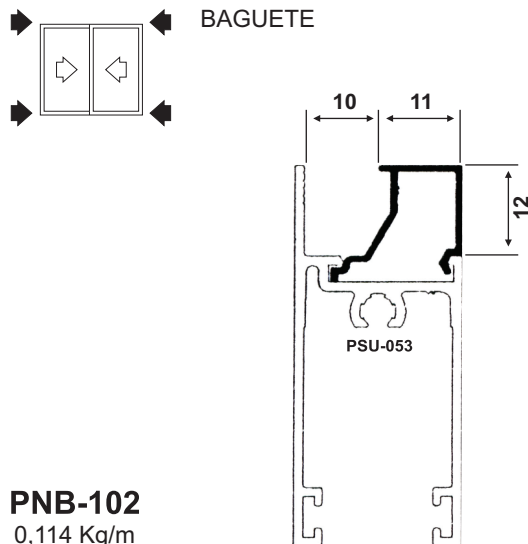
PNB-099
0,237 Kg/m

MATAJUNTA



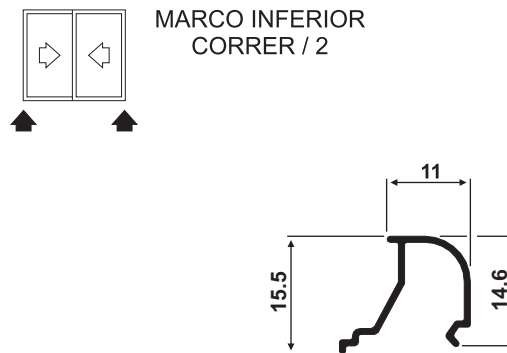
PNB-100
0,162 Kg/m

BAGUETE



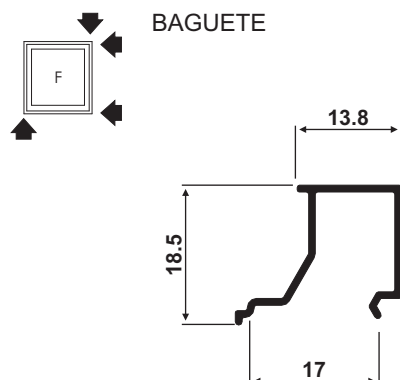
PNB-102
0,114 Kg/m

MARCO INFERIOR
CORRER / 2



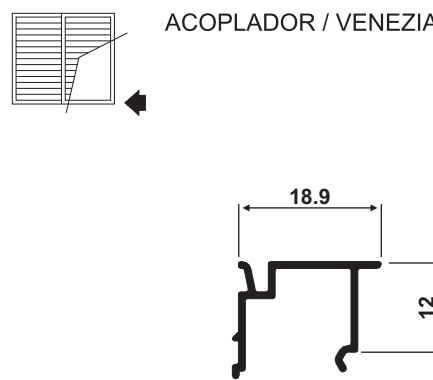
PNB-402
0,123 Kg/m

BAGUETE

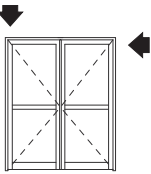
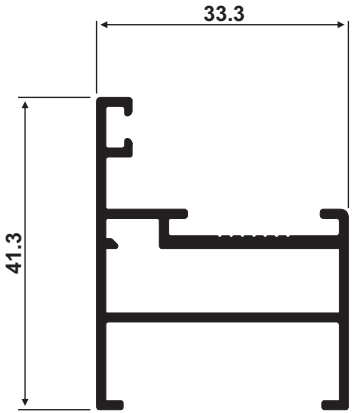
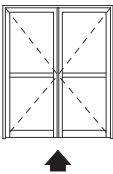
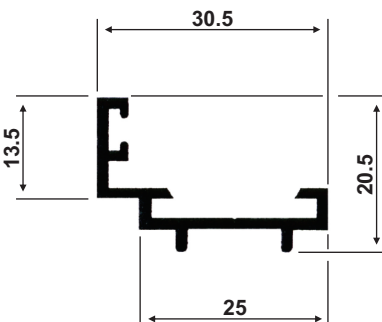
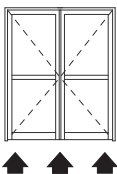
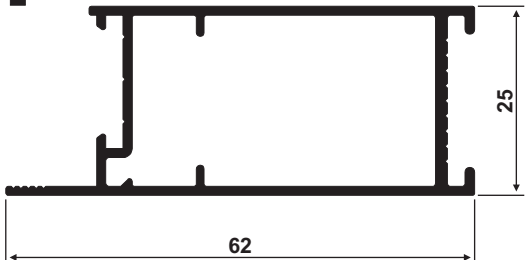
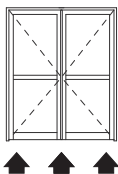
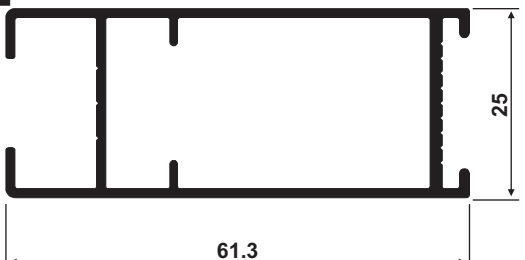
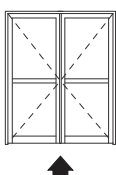
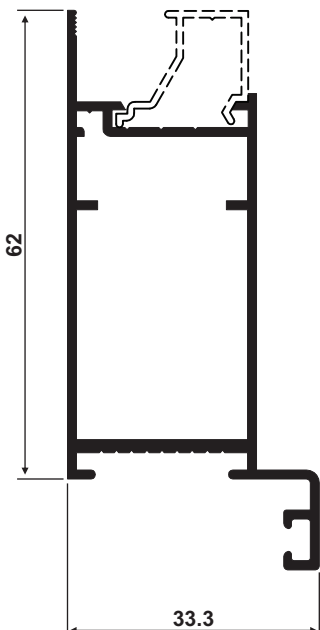
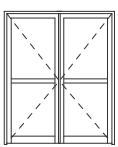
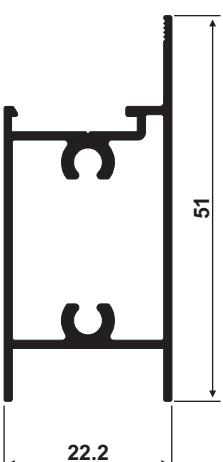


PNB-103
0,144 Kg/m

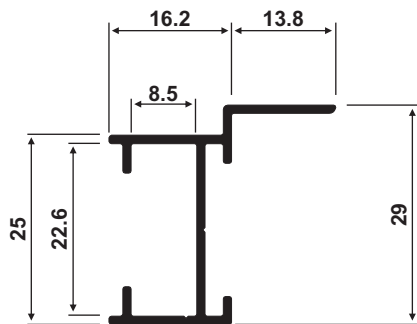
ACOPLADOR / VENEZIANA



PNB-203
0,137 Kg/m

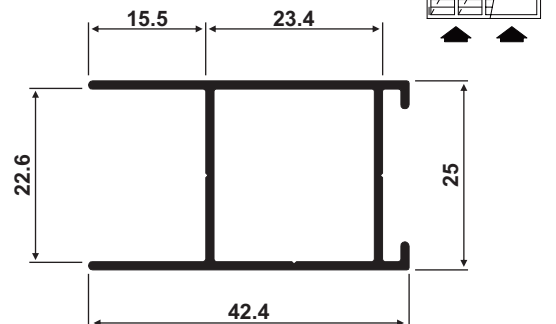
 MARCO LATERAL  PNB-279 0,565 Kg/m	 COMPLEMENTO / FOLHA  PNB-548 0,277 Kg/m
 MONTANTE / FOLHA  PNB-111 0,632 Kg/m	 MONTANTE / FOLHA S/ BAGUETE  PNB-241 0,688 Kg/m
 MONTANTE / CENTRAL  PNB-113 0,684 Kg/m	 TRAVESSA / FOLHA  PNB-110 0,537 Kg/m

COMPLEMENTO MARCO



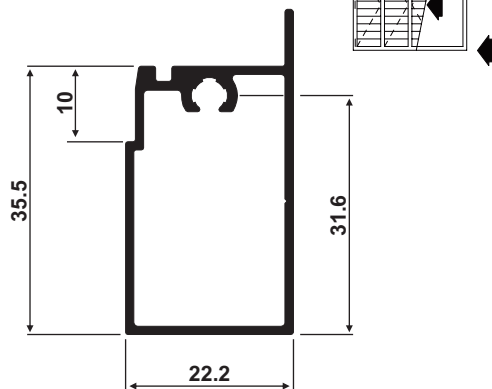
PNB-071
0,263 Kg/m

MONTANTE/FOLHA VENEZIANA



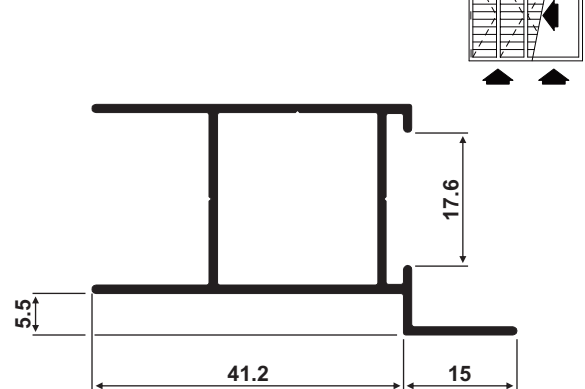
PNB-072
0,414 Kg/m

TRAVESSA / FOLHA VENEZIANA

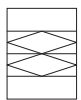


PNB-073
0,432 Kg/m

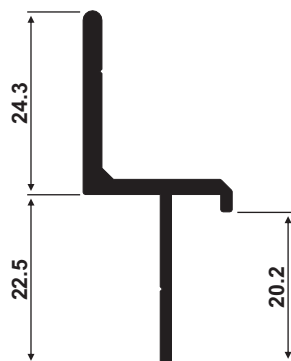
MONTANTE / FOLHA VENEZIANA



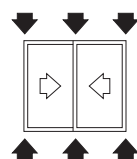
PNB-074
0,474 Kg/m



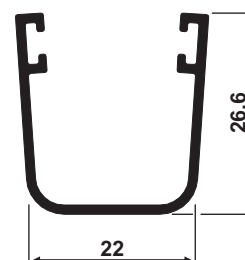
SUPORTE



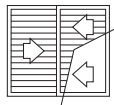
PNB-101
0,371 Kg/m



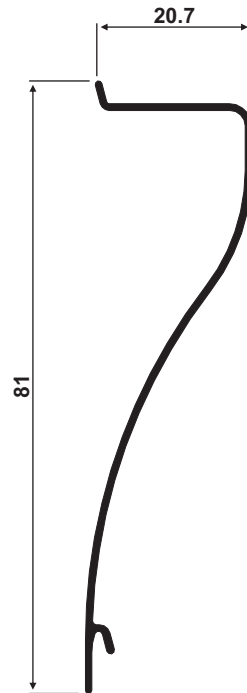
VEDAÇÃO MONTANTE



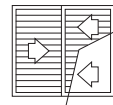
PNB-107
0,274 Kg/m



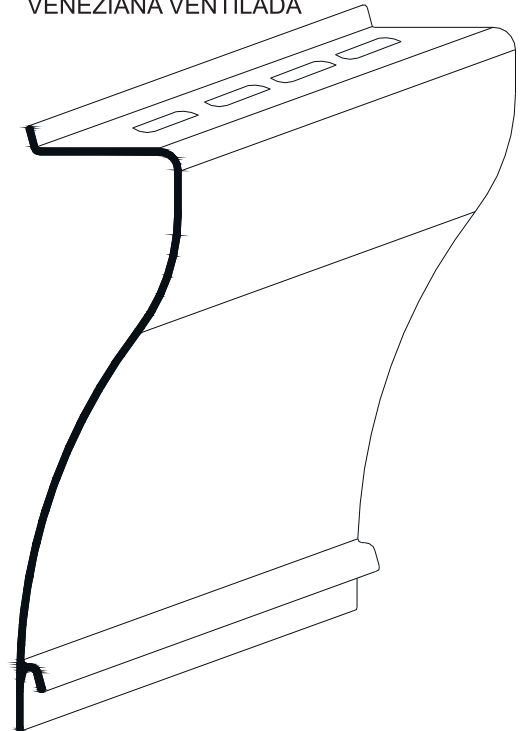
VENEZIANA



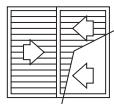
PVZ-066
0,334 Kg/m



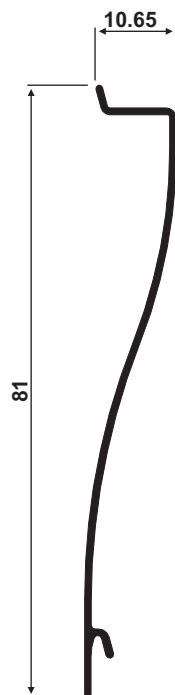
VENEZIANA VENTILADA



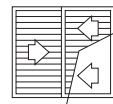
PUS-385
0,334 Kg/m



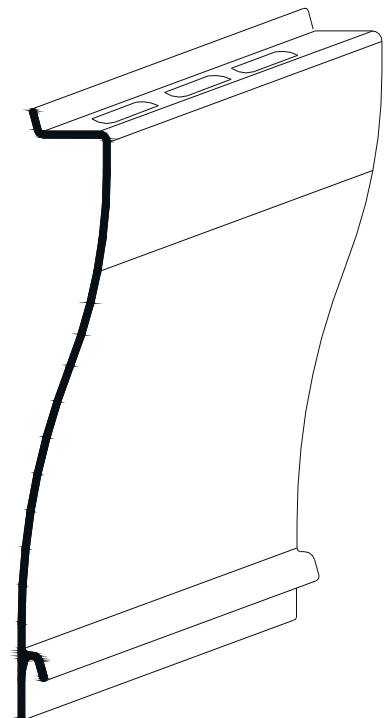
VENEZIANA



PVZ-028
0,296 Kg/m



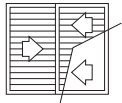
VENEZIANA VENTILADA



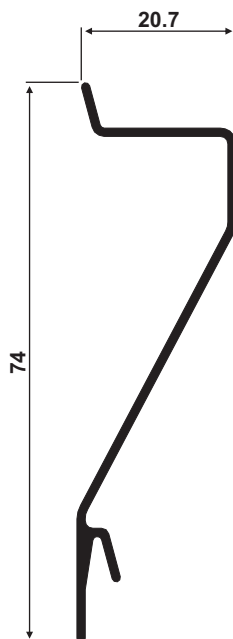
PUS-389
0,296 Kg/m

Linha Nobile 2.5

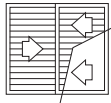
Perfis



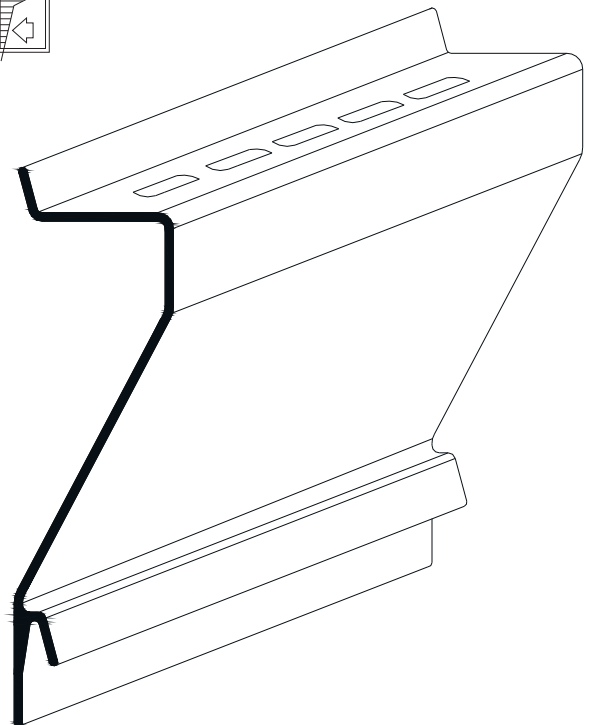
VENEZIANA



PVZ-006
0,305 Kg/m



VENEZIANA VENTILADA



PUS-285
0,305 Kg/m

05

COMPONENTES

ÍNDICE ANALÍTICO - componentes

CÓDIGO	DESCRIÇÃO	APLICAÇÃO	PÁG.
A-310	REBITE DE REPUXO 3,2 x 10,2	JANELA e PORTA	05.35
A-312	REBITE DE REPUXO 3,2 x 12,7	JANELA e PORTA	05.35
A-410	REBITE DE REPUXO 4,0 x 10,2	JANELA e PORTA	05.35
A-412	REBITE DE REPUXO 4,0 x 12,7	JANELA e PORTA	05.35
ALC-057N	ALAVANCA COM CAVALETE	JANELA BASCULANTE	05.17
BAT-414N	BATEDEIRA	JANELA E PORTA/CORRER	05.10
BOR-007N	GUARNIÇÃO	JANELA E PORTA	05.24
BOR-239N	GUARNIÇÃO	JANELA E PORTA	05.24
BOR-256N	GUARNIÇÃO	JANELA E PORTA	05.25
BOR-259N	GUARNIÇÃO	JANELA E PORTA	05.25
BOR-283N	GUARNIÇÃO Vidro 5 e 6 mm	JANELA E PORTA	05.26
BOR-284N	GUARNIÇÃO Vidro 4 mm	JANELA E PORTA	05.26
BRC-702N	BRAÇO 500 mm	JANELA MAXIM-AR	05.13
BRC-703N	BRAÇO 750 mm	JANELA MAXIM-AR	05.13
BRC-704N	BRAÇO 400 mm	JANELA MAXIM-AR	05.13
BRC-705N	BRAÇO 250 mm	JANELA MAXIM-AR	05.13
BRC-725N	BRAÇO 810 mm	JANELA MAXIM-AR	05.13
DBR-840N	DOBRADIÇA	PORTA DE GIRO	05.16
ESC-206N	FITA VEDADORA S/ BARREIRA PLASTICA 5 X 6 mm	JANELA E PORTA	05.19
ESC-212N	FITA VEDADORA S/ BARREIRA PLASTICA 5 X 8 mm	JANELA E PORTA	05.20
ESC-214N	FITA VEDADORA S/ BARREIRA PLASTICA 5 X 10 mm	JANELA E PORTA	05.20
ESC-246N	FITA VEDADORA S/ BARREIRA PLASTICA 7,6 X 6 mm	JANELA E PORTA	05.21
ESQ-160	ESQUADRO PARA CONTRAMARCOS 160 mm		05.36
ESQ-240	ESQUADRO PARA CONTRAMARCOS 240 mm		05.36
FCH-052N	CONCHA CEGA	JANELA E PORTA	05.07
FCH-055N	CONTRAFECHO	JANELA E PORTA	05.06
FCH-280N	CONCHA CEGA	JANELA E PORTA	05.04
FCH-295N	CONTRA TESTA	PORTA DE GIRO	05.15
FCH-338N	FECHO TIPO UNHA DE SOBREPOR	PORTA DE GIRO	05.17
FCH-370N	CONTRAFECHO	JANELA E PORTA	05.06
FCH-376N	FIXADOR DE TRAVESSA	JANELA MAXIM-AR	05.14
FCH-409N	CONTRAFECHO PARA FECHADURA	JANELA E PORTA	05.05
FCH-410N	CONTRAFECHO PARA FECHADURA	JANELA E PORTA	05.05
FCH-636N	FECHO CONCHA SEM CHAVE E TRAVA RETA		05.04
FCH-645N	FECHO CONCHA COM CHAVE E TRAVA RETA		05.07
FCH-677N	FECHO CONCHA COM CHAVE	PORTA	05.08

ÍNDICE ANALÍTICO - componentes

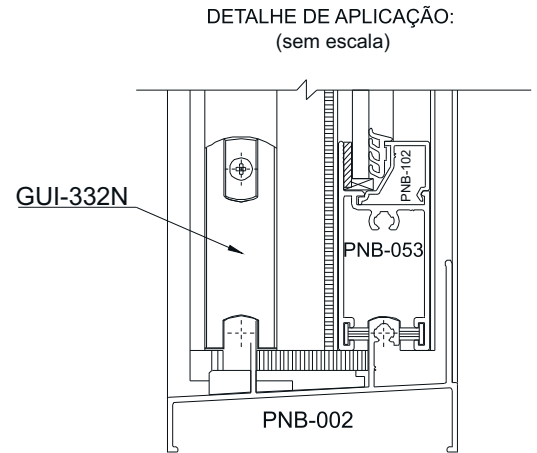
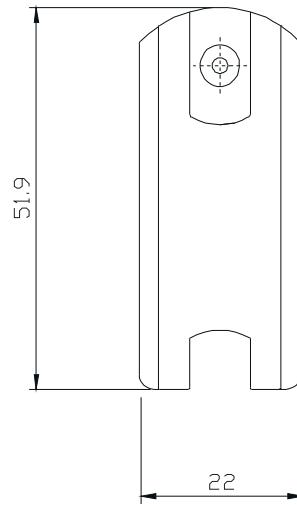
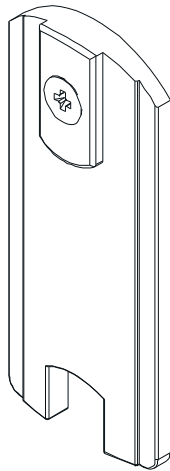
CÓDIGO	DESCRIÇÃO	APLICAÇÃO	PÁG.
FEN-009N	FECHO DIREITO	JANELA MAXIM-AR	05.11
FEN-010N	FECHO DIREITO	JANELA MAXIM-AR S/ Bague	05.11
FIX-130N	FIXADOR DE ESTEIRA 130 CAPA PLÁSTICA	JANELA E PORTA INTEGRADA	05.28
FRA-410A	FECHADURA BICO DE PAPAGAIO PADO	PORTA DE CORRER	05.08
FRA-615	FECHADURA BICO DE PAPAGAIO 3F	PORTA DE CORRER	05.08
FRA-815A	FECHADURA BICO DE PAPAGAIO PAPAIZ	PORTA DE CORRER	05.08
FRA-834	FECHADURA PAPAIZ	PORTA DE ABRIR	05.15
FRA-835	FECHADURA C/ MAÇANETA PAPAIZ	PORTA DE ABRIR	05.15
FRA-858	FECHADURA C/ MAÇANETA PADO	PORTA DE ABRIR	05.15
FRA-835F	FECHADURA C/ MAÇANETA 3F	PORTA DE ABRIR	05.15
GEA-157N	GUARNIÇÃO ADESIVA ESPONJOSA 11 X 6,2 mm	JANELA E PORTA	05.23
GEA-171N	GUARNIÇÃO ADESIVA ESPONJOSA 11 X 3 mm	JANELA E PORTA	05.22
GEA-172N	GUARNIÇÃO ADESIVA ESPONJOSA 11 X 1,8 mm	JANELA E PORTA	05.21
GEA-258N	GUARNIÇÃO ADESIVA ESPONJOSA 11 X 4 mm	JANELA E PORTA	05.22
GEA-282N	GUARNIÇÃO ADESIVA ESPONJOSA 22 X 2 mm	JANELA E PORTA	05.23
GUI-329N	CAIXA DE DRENO E VEDADOR	JANELA E PORTA	05.03
GUI-332N	GUIA DESLIZANTE	JANELA E PORTA	05.01
GUI-335N	VEDADOR DE VENTO	JANELA E PORTA	05.03
GUI-355N	RECOBRIMENTO	JANELA MAXIM-AR 90°	05.14
GUI-369N	GUIA E LIMITADOR	JANELA E PORTA INTEGRADA	05.29
GUI-370N	GUIA DA PERSIANA	JANELA E PORTA INTEGRADA	05.29
GUI-600N	PASSA CINTA INTERIOR C/ ESCOVA	JANELA E PORTA INTEGRADA	05.28
GUI-738N	LIMITADOR DE ABERTURA DA ESTEIRA	JANELA E PORTA INTEGRADA	05.31
HTE-011N	HASTE DE COMANDO	JANELA MAXIM-AR S/ Bague	05.11
HTE-059N	HASTE DE COMANDO	JANELA MAXIM-AR	05.11
MCA-927N	MAÇANETA COM ESPELHO	PORTA DE GIRO	05.16
PAR-3504295	PARAFUSOS CABEÇA PHILIPS/zincado 4,2 x 9,5	JANELA e PORTA	05.34
PAR-3504216	PARAFUSOS CABEÇA PHILIPS/zincado 4,2 x 16	JANELA e PORTA	05.34
PAR-3504225	PARAFUSOS CABEÇA PHILIPS/zincado 4,2 x 25	JANELA e PORTA	05.34
PAR-3504232	PARAFUSOS CABEÇA PHILIPS/zincado 4,2 x 32	JANELA e PORTA	05.34
PAR-3504295	PARAFUSOS CABEÇA PHILIPS/inox 4,2 x 9,5	JANELA e PORTA	05.34
PAR-3504216	PARAFUSOS CABEÇA PHILIPS/inox 4,2 x 16	JANELA e PORTA	05.34
PAR-3504225	PARAFUSOS CABEÇA PHILIPS/inox 4,2 x 25	JANELA e PORTA	05.34
PAR-3504232	PARAFUSOS CABEÇA PHILIPS/inox 4,2 x 32	JANELA e PORTA	05.34
PAR-3724832	PARAFUSOS PHILIPS 4.8 X 32	MARCO	05.34
PAR-3724850	PARAFUSOS PHILIPS 4.8 X 50	FOLHA	05.35
PE-510110ALTUS	ACION. P/ CONT. REMOTO 23 Kg/110V	JANELA/PORTA INTEGRADA	05.33
PE-515110ALTUS	ACION. P/ CONT. REMOTO 35 Kg/110V	JANELA/PORTA INTEGRADA	05.33
PE-530110ALTUS	ACION. P/ CONT. REMOTO 70 Kg/110V	JANELA/PORTA INTEGRADA	05.33
PE-508220ALTUS	ACION. P/ CONT. REMOTO 18 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PE-514220ALTUS	ACION. P/ CONT. REMOTO 33 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PE-518220ALTUS	ACION. P/ CONT. REMOTO 42 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PE-528220ALTUS	ACION. P/ CONT. REMOTO 65 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PE-510110BR	ACION. P/ INTERRUPTOR 23 Kg/110V	JANELA/PORTA INTEGRADA	05.33

ÍNDICE ANALÍTICO - componentes

CÓDIGO	DESCRIÇÃO	APLICAÇÃO	PÁG.
PE-515110BR	ACION. P/ INTERRUPTOR 35 Kg/110V	JANELA/PORTA INTEGRADA	05.33
PE-530110BR	ACION. P/ INTERRUPTOR 70 Kg/110V	JANELA/PORTA INTEGRADA	05.33
PE-508220BR	ACION. P/ INTERRUPTOR 18 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PE-514220BR	ACION. P/ INTERRUPTOR 35 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PE-520220BR	ACION. P/ INTERRUPTOR 46 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PE-528220BR	ACION. P/ INTERRUPTOR 65 Kg/220V	JANELA/PORTA INTEGRADA	05.33
PRE-190N	PRESILHA DE FIXAÇÃO DO ARREIMATE	JANELA	05.19
PVT-752N	PIVÔ DA FOLHA	JANELA PIVOTANTE	05.13
PVT-753N	PIVÔ	JANELA BASCULANTE	05.18
RCD-006N	CONJUNTO DE RECOLHEDOR	JANELA E PORTA INTEGRADA	05.32
ROD-426N	ROLDANA C/ REGULAGEM - SEM ROLAMENTO	JANELA	05.01
ROD-440N	ROLDANA C/ REGULAGEM - COM ROLAMENTO	JANELA E PORTA	05.02
ROD-439N	ROLDANA C/ REGULAGEM - COM ROLAMENTO	JANELA E PORTA	05.02
SUP-008N	CONJUNTO MANCAL 138 mm	JANELA	05.36
SUP-040N	CONJUNTO MANCAL 181 mm	PORTA	05.36
TAM-008N	FECHAMENTO LATERAL DA TAMPA	JANELA	05.27
TAM-040N	FECHAMENTO LATERAL DA TAMPA	PORTA	05.27
TAM-042N	BOTÃO TAMPA FURO	JANELA E PORTA	05.18
TAM-047D	TAMPA DO MONTANTE DIREITO	PNB-044/047/049/060/061	05.09
TAM-047E	TAMPA DO MONTANTE ESQUERDO	PNB-044/047/049/060/061	05.09
TAM-447N	TAMPA DA PERSIANA 40 mm	JANELA E PORTA INTEGRADA	05.30
TAM-470D	TAMPA DO MONTANTE DIREITO	PNB-470/490/610	05.09
TAM-470E	TAMPA DO MONTANTE ESQUERDO	PNB-470/490/610	05.09

Linha Nobile 2.5

Componentes

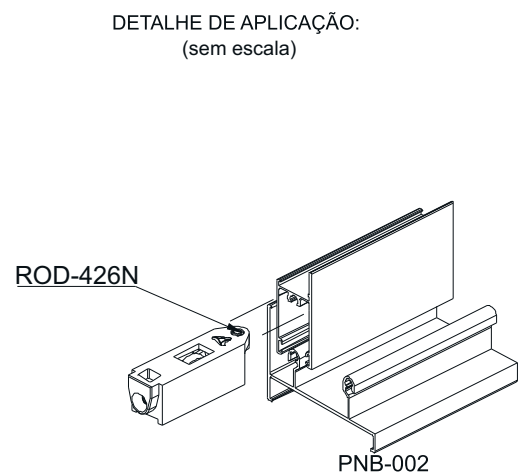
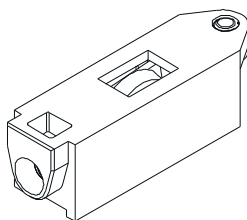


GUI-332N (NYLO00332)

Descrição: Guia Deslizante - Janela e Porta

Material: Nylon

Cor: Branco / Preto



ROD-426N

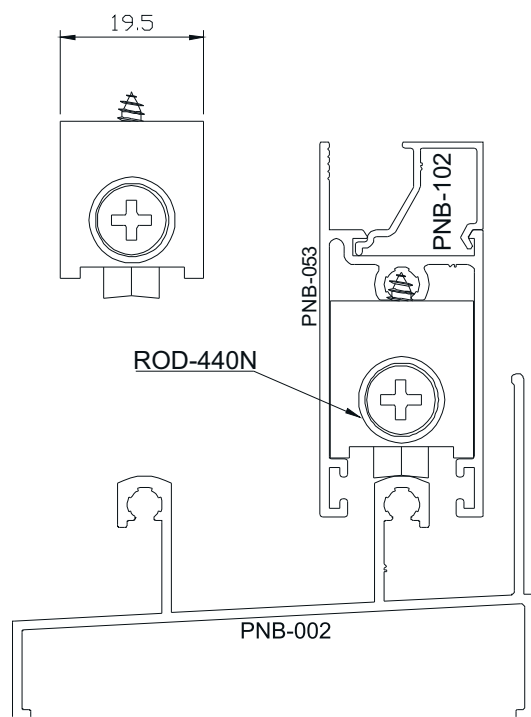
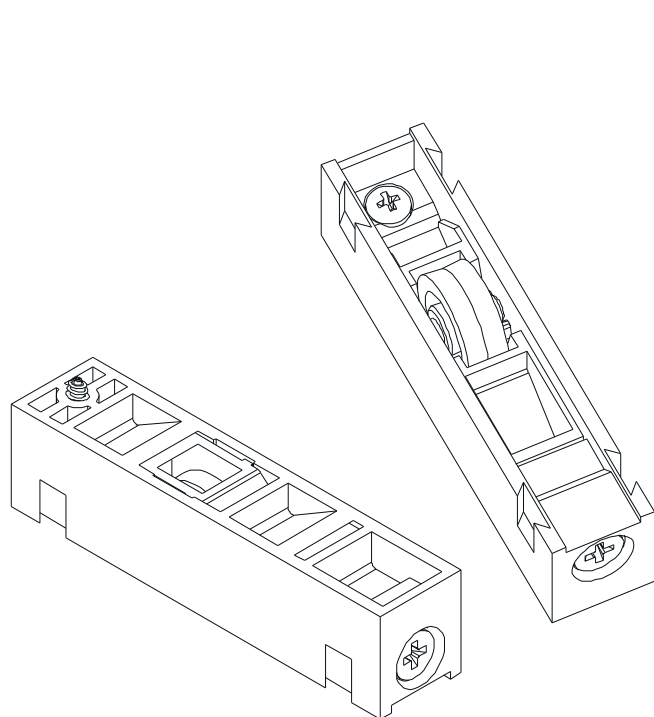
Descrição: Roldana Com Regulagem Sem Rolamento - Janela

Material: Nylon

Peso máximo por folha 15 kg

Linha Nobile 2.5

Componentes

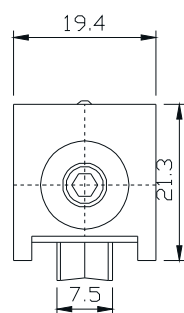
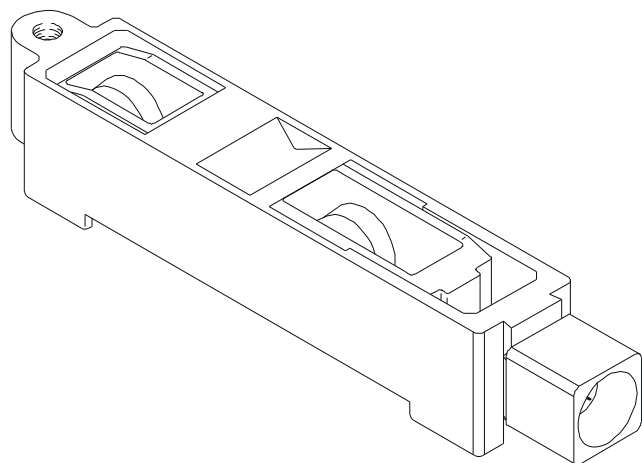


ROD-440N (ROLD00440)

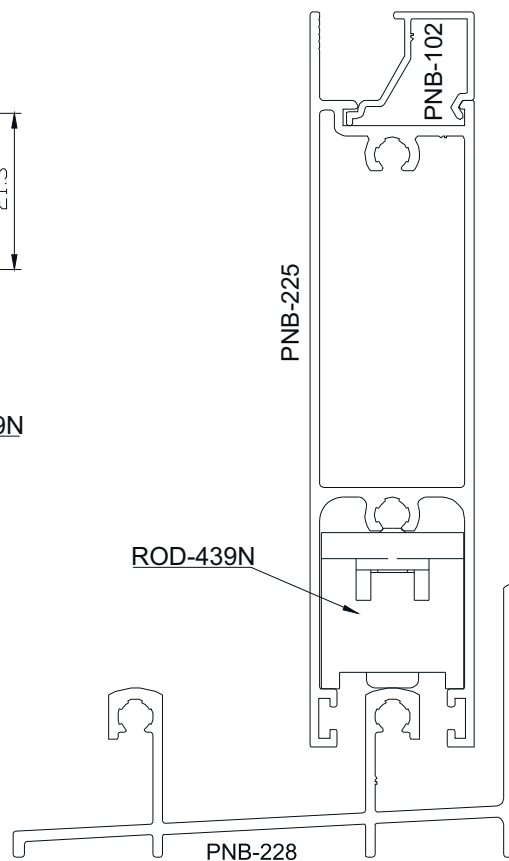
Descrição: Roldana Com Regulagem e Rolamento - Janela / Porta

Material: Nylon

Peso máximo por folha 40 kg



ROD-439N

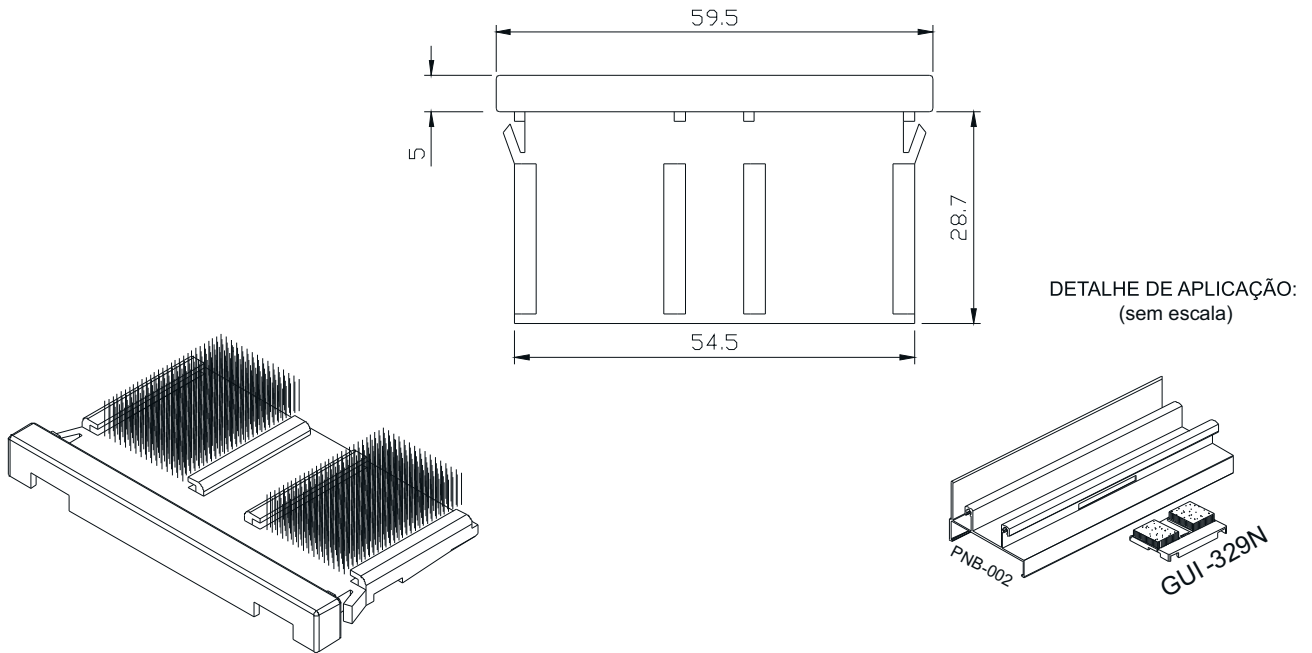


ROD-439N (ROLD00439R)

Descrição: Roldana Com Regulagem e Rolamento - Porta / Janela

Material: Nylon

Peso máximo por folha 80 kg

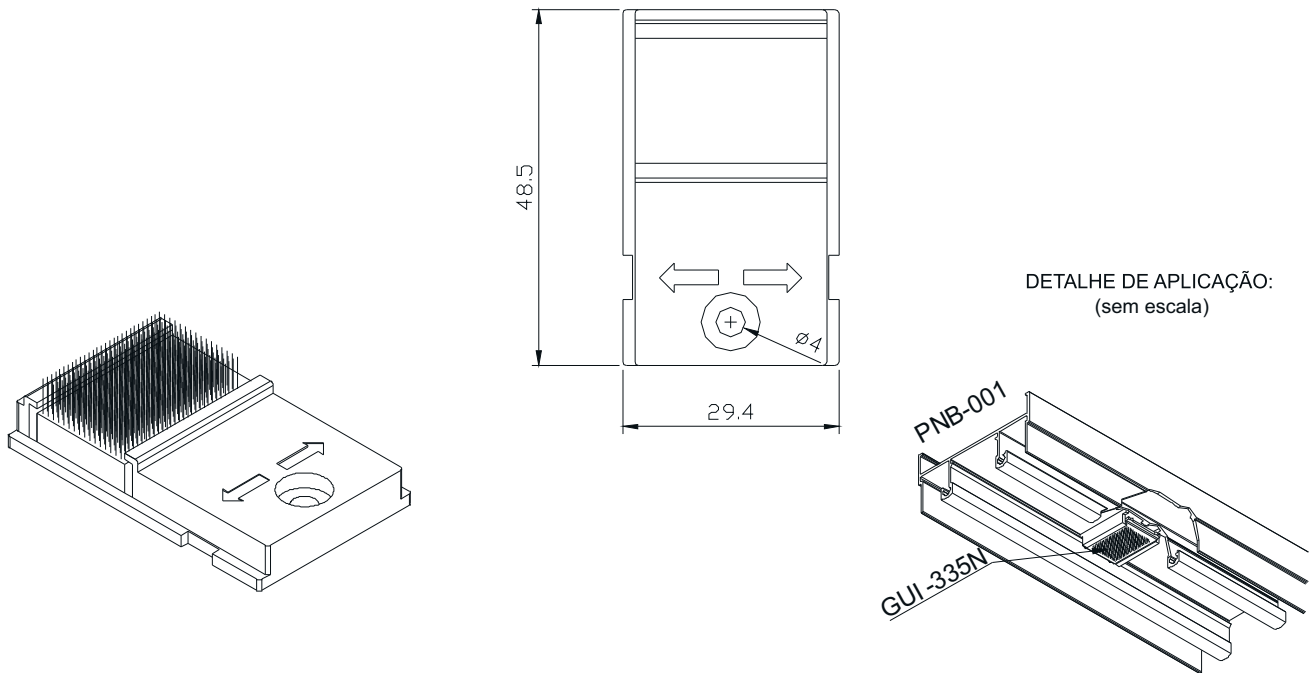


GUI-329N (NYLO00329)

Descrição: Caixa de dreno e vedador - janela e porta

Material: Nylon

Cor: Branco / Preto



GUI-335N (NYLO00335)

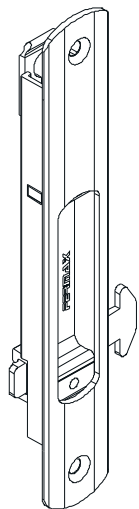
Descrição: Vedador de vento - Janela e porta

Material: Nylon

Cor: Branco / Preto

Linha Nobile 2.5

Componentes

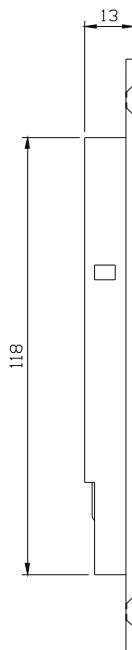
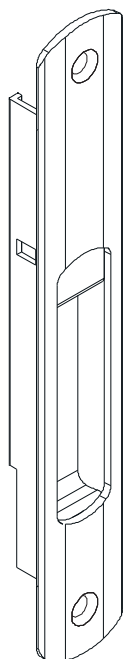
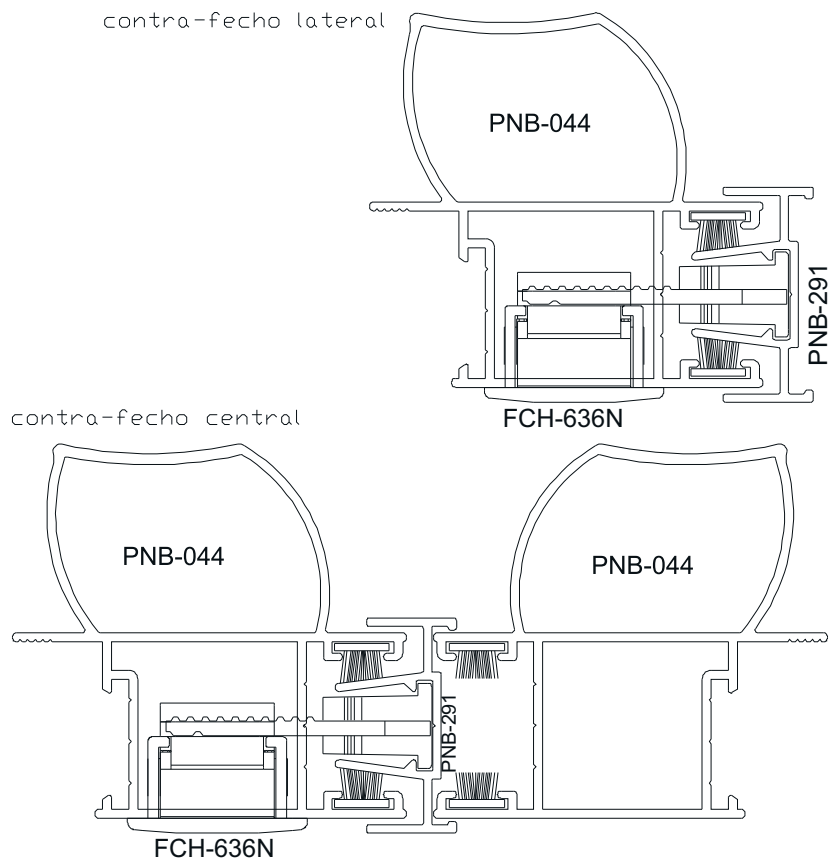


FCH-636N (FEC01045)

Descrição: Fecho concha sem chave e trava reta

Material: Alumínio

Cor: Branco / Preto

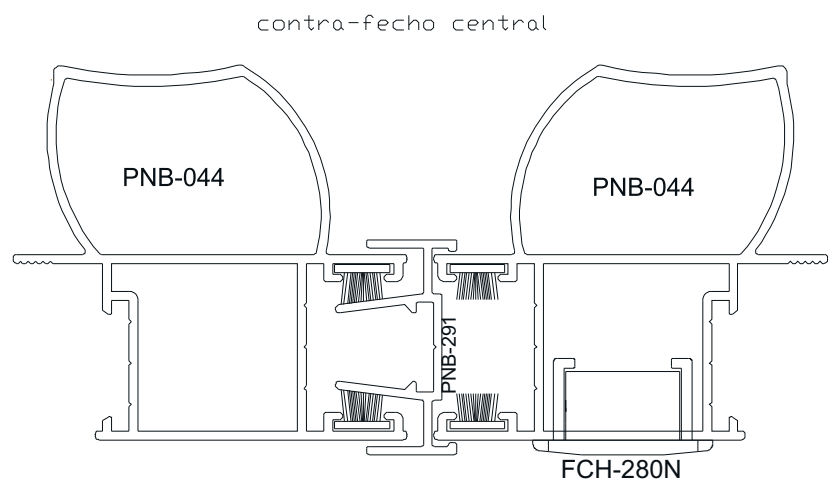


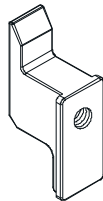
FCH-280N

Descrição: Concha cega - janela e porta

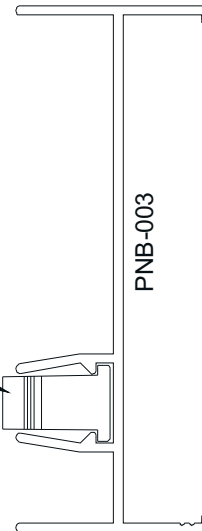
Material: Alumínio

Cor: Branco / Preto





FCH-409N

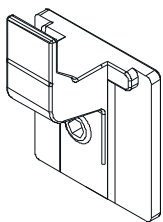


FCH-409N

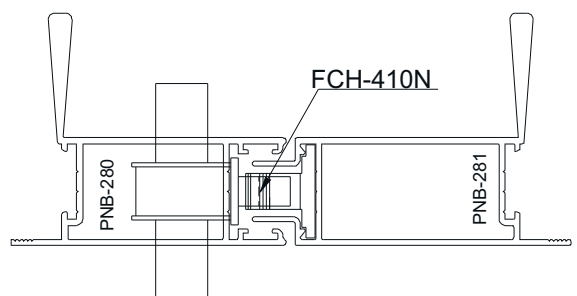
Descrição: Contrafecho para fechadura

Material: Zamak

Cor: Branco / Preto



FCH-410N



FCH-410N

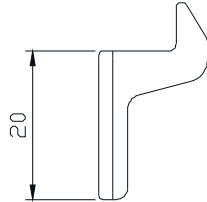
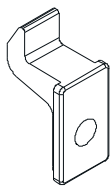
Descrição: Contrafecho para fechadura

Material: Zamak

Cor: Branco / Preto

Linha Nobile 2.5

Componentes

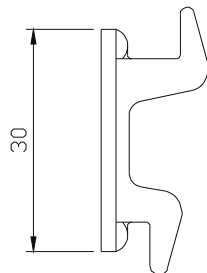
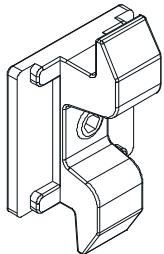
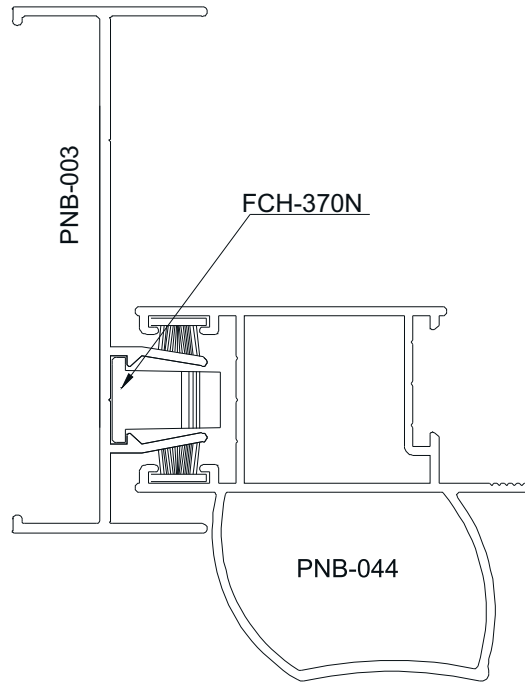


FCH-370N (COM00370)

Descrição: Contrafecho - janela e porta

Material: Zamak

Cor: Branco / Preto

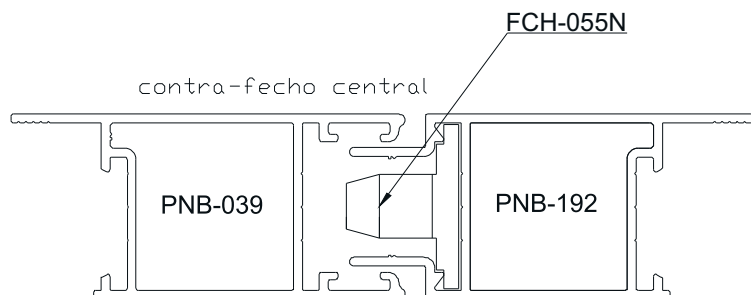


FCH-055N

Descrição: Contrafecho - janela e porta

Material: Zamak

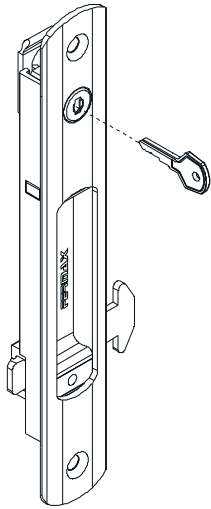
Cor: Branco / Preto



Linha Nobile 2.5

Componentes

contra-fecho lateral



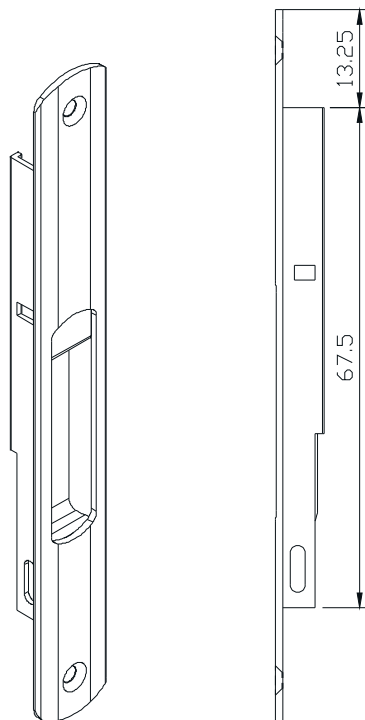
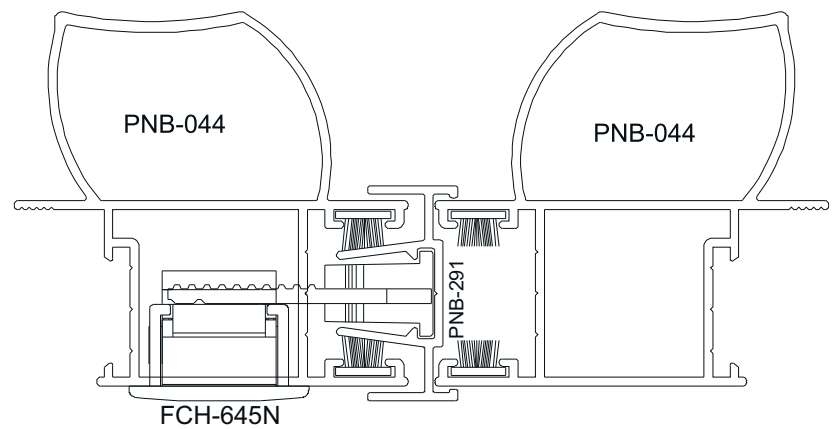
FCH-645N

Descrição: Fecho concha com chave e trava reta

Material: Alumínio

Cor: Branco / Preto

contra-fecho central



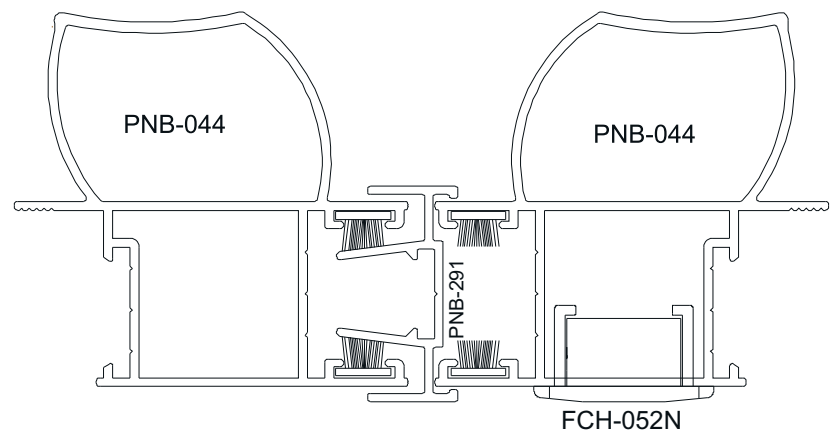
FCH-052N

Descrição: Concha cega - janela e porta

Material: Alumínio

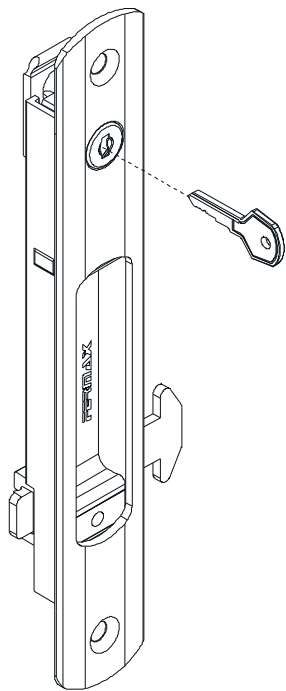
Cor: Branco / Preto

contra-fecho central



Linha Nobile 2.5

Componentes



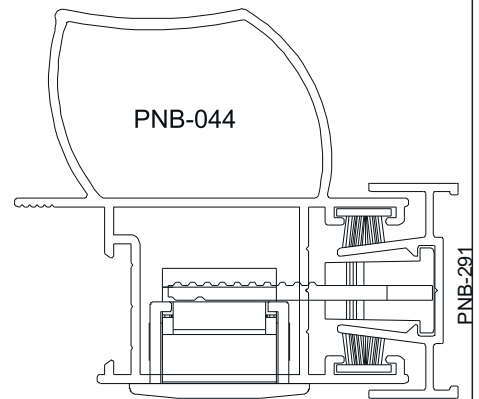
FCH-677N (FEC01049)

Descrição: Fecho concha com chave - Porta

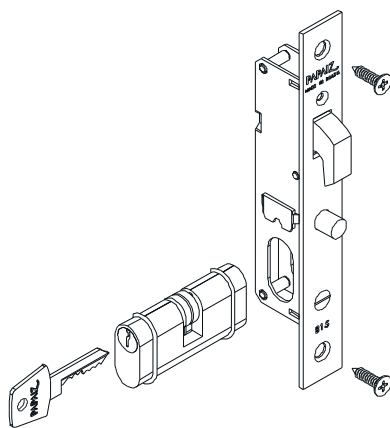
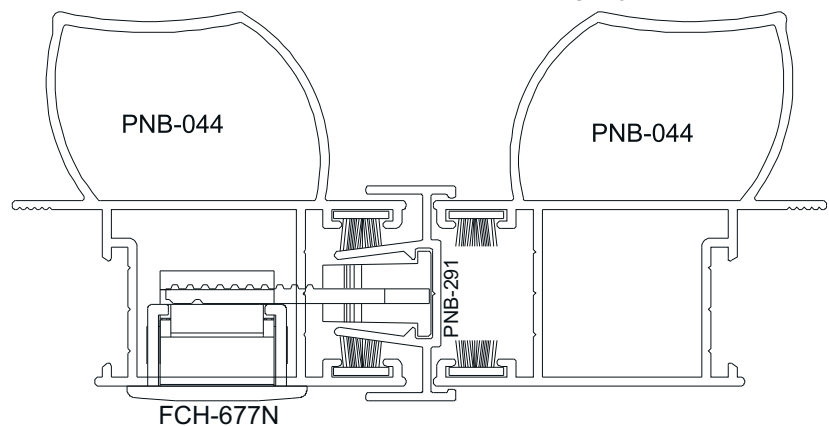
Material: Alumínio

Cor: Branco / Preto

contra-fecho lateral



contra-fecho central



FRA-410A - Pado

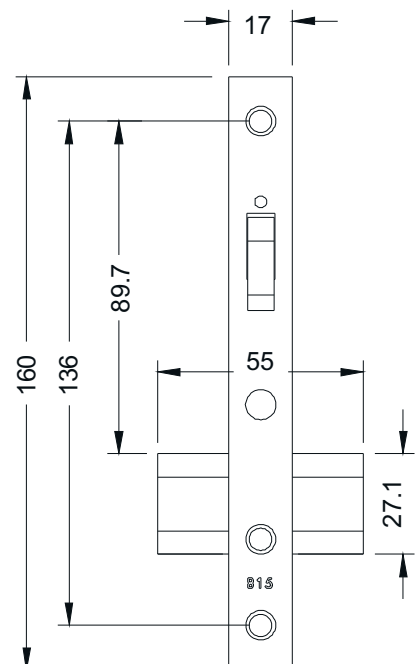
FRA-615 - 3F

FRA-815A - Papaiz

Descrição: Fechadura bico de papagaio porta de correr

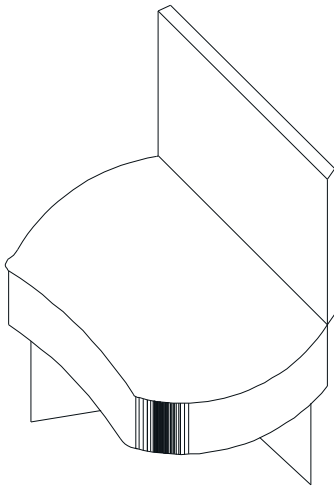
Material: Zamak

Cor: Branco / Preto / cromado

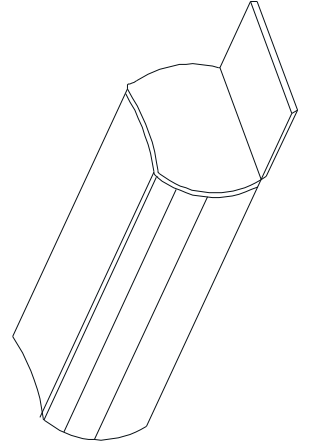


Linha Nobile 2.5

Componentes



DETALHE DE APLICAÇÃO:
(sem escala)



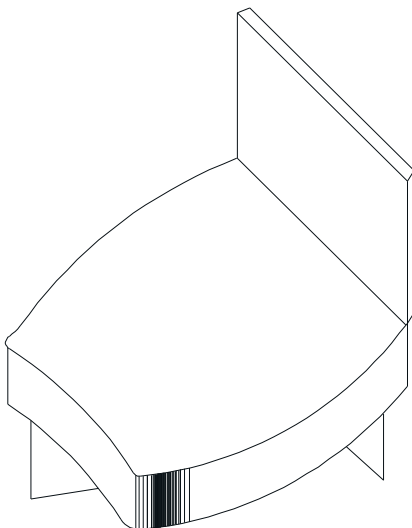
TAM-047D (TAM1001)

TAM-047E (TAM1001)

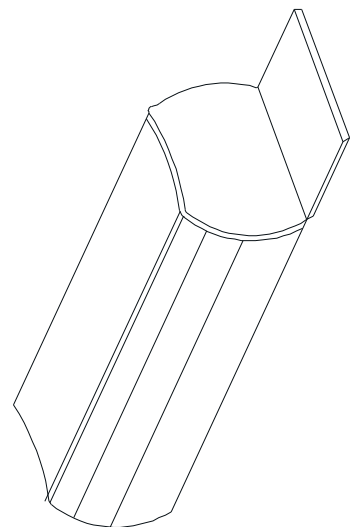
Descrição: Tapa do montante (PNB-047 / PNB-049 / PNB-044 / PNB-060 / PNB-061)

Material: Nylon

Cor: Branco / Preto



DETALHE DE APLICAÇÃO:
(sem escala)



TAM-470D (TAM-1002)

TAM-470E (TAM-1002)

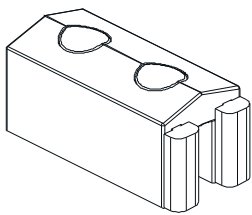
Descrição: Tapa do Montante (PNB-470 / PNB-490 / PNB-610)

Material: Nylon

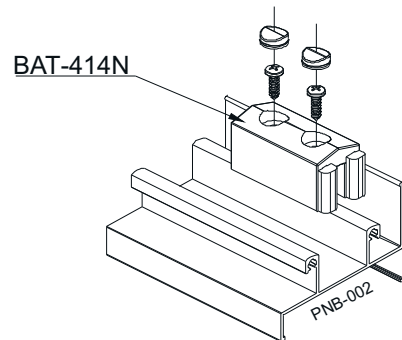
Cor: Branco / Preto

Linha Nobile 2.5

Componentes



DETALHE DE APLICAÇÃO:
(sem escala)

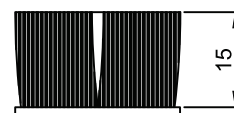
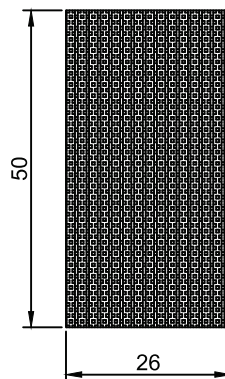
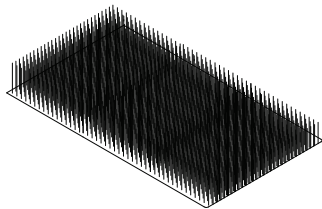


BAT-414N (NYLO00414)

Descrição: Batedeira - Janela e Porta de Correr

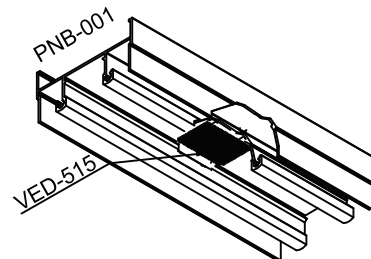
Material: Nylon

Cor: Branco / Preto



Superfície Adesivada

DETALHE DE APLICAÇÃO:
(sem escala)

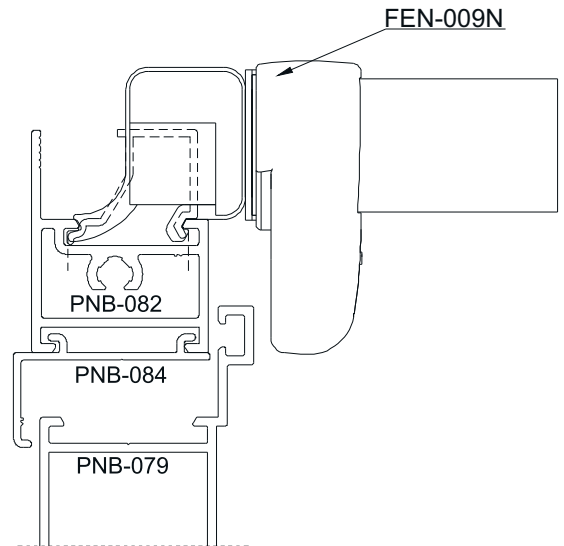
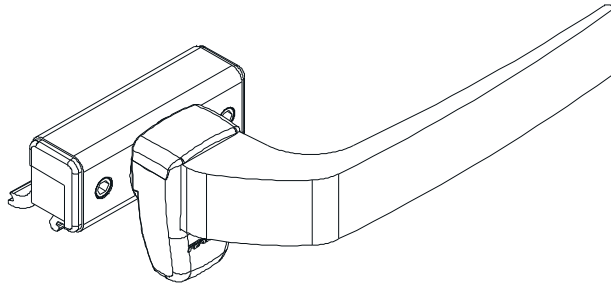


VED-515

Descrição: Vedador de Vento - Janela e porta

Material: Fita adesivada com escova 26x50x15 altura

Cor: Branco / Preto

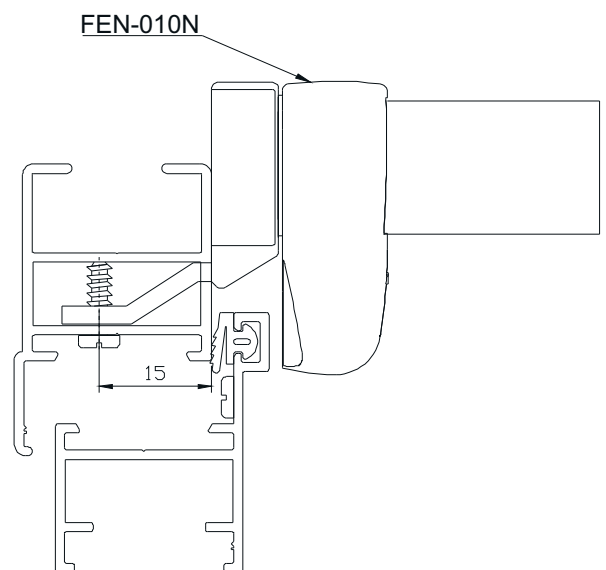
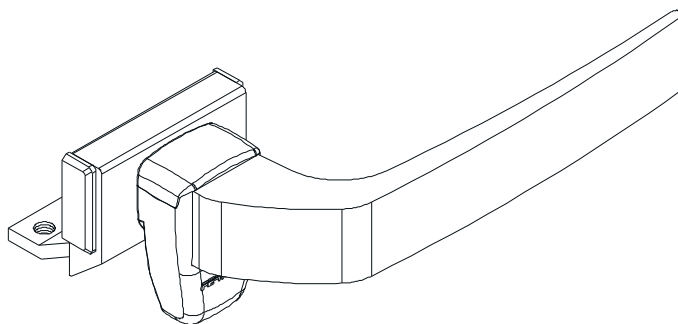


FEN-009N

Descrição: Fecho Direito - Janela Maxim-ar

Material: Alumínio

Cor: Branco / Preto



FEN-010N

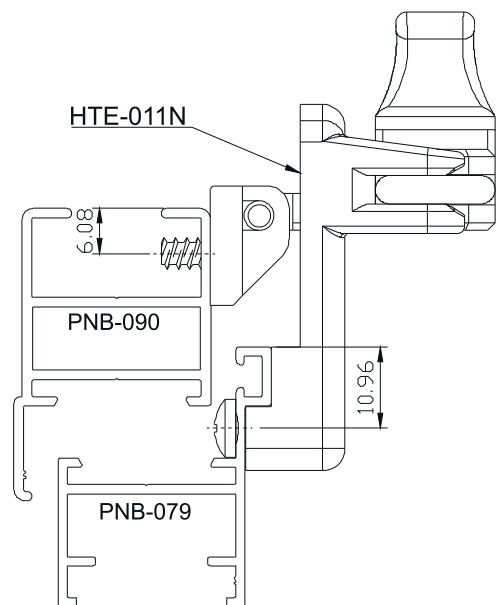
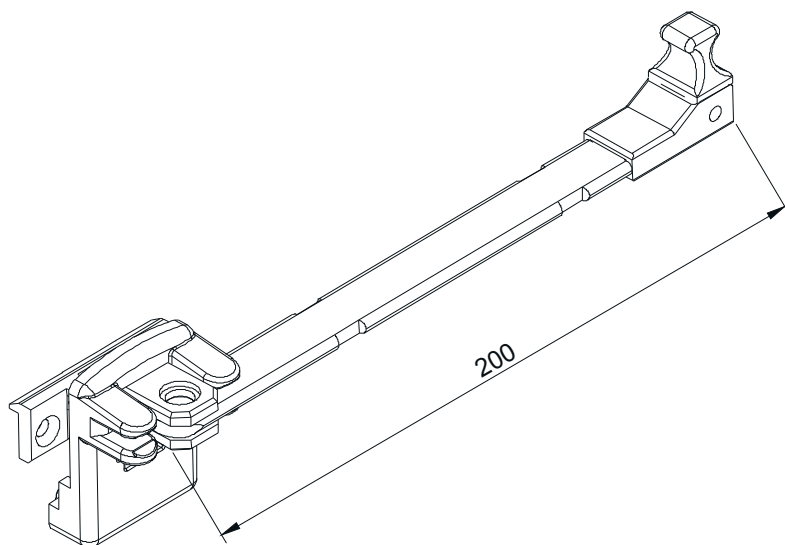
Descrição: Fecho Direito - Janela Maxim-ar sem baguete

Material: Alumínio

Cor: Branco / Preto

Linha Nobile 2.5

Componentes

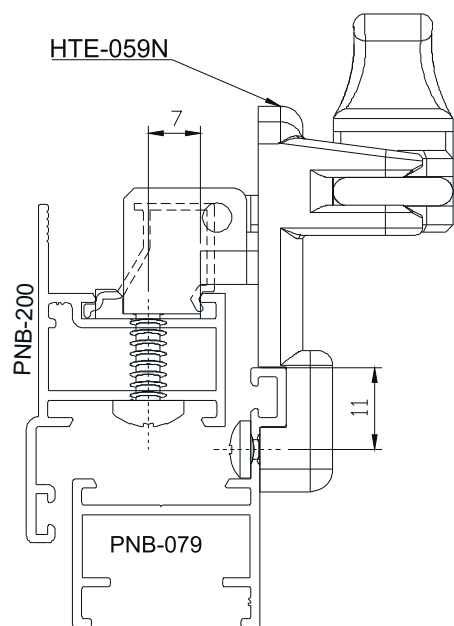
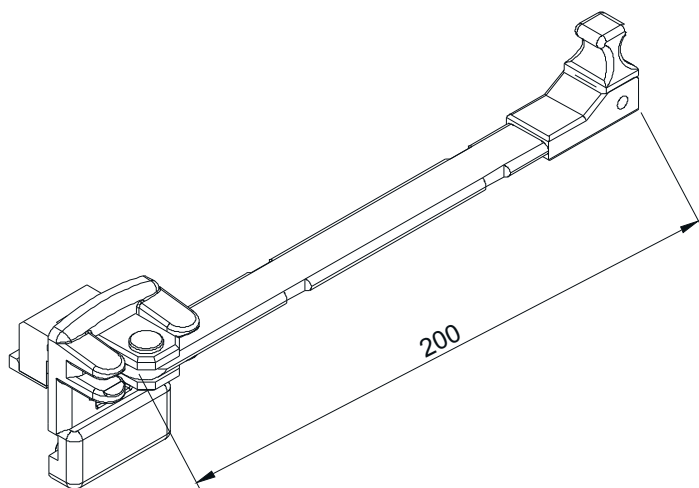


HTE-011N

Descrição: Haste de comando - Janela Maxim-ar sem baguete

Material: Alumínio

Cor: Branco / Preto



HTE-059N

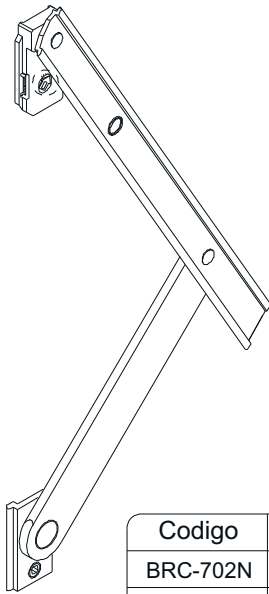
Descrição: Haste de comando - Janela Maxim-ar

Material: Alumínio

Cor: Branco / Preto

Linha Nobile 2.5

Componentes



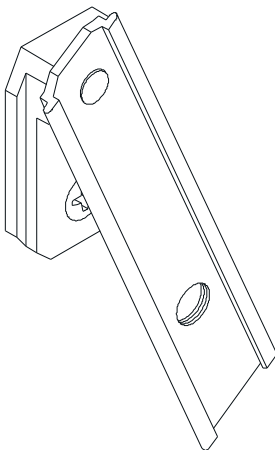
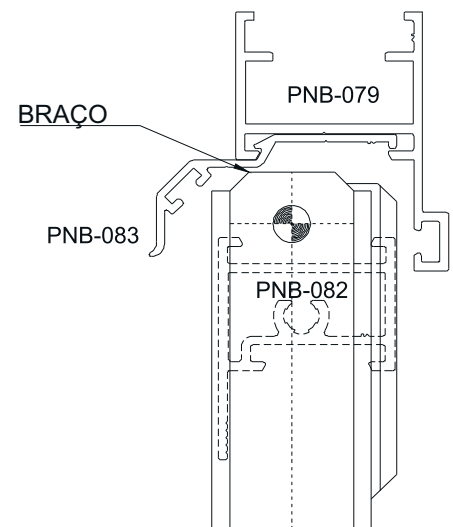
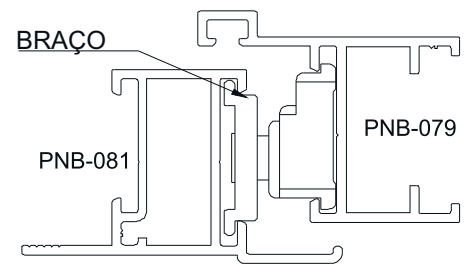
Código	Medidas	Cor
BRC-702N	500 mm	Preto / Branco
BRC-703N	750 mm	Preto / Branco
BRC-704N	400 mm	Preto / Branco
BRC-705N	250 mm	Preto / Branco
BRC-725N	810 mm	Preto / Branco

Descrição: Braço Janela Maxim-ar

Material: Alumínio

Cor: Branco / Preto

OBS. Embalagem direita esquerda



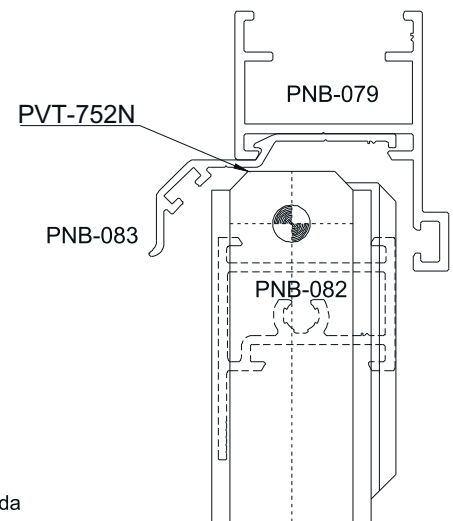
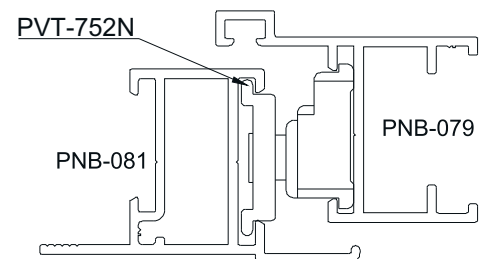
PVT-752N

Descrição: Pivô da folha - Janela projetante

Material: Alumínio / nylon

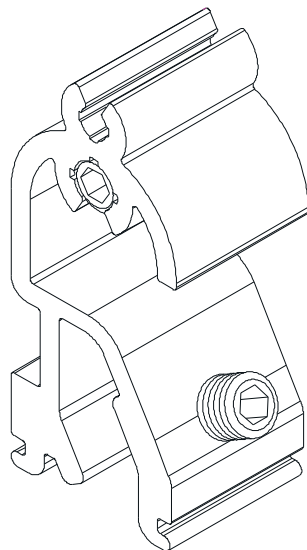
Cor: Branco / Preto

OBS. Embalagem direita esquerda



Linha Nobile 2.5

Componentes

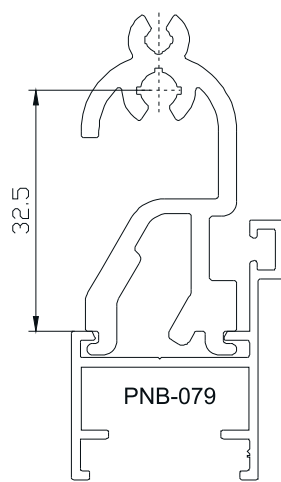


FCH-376N

Descrição: Fixador de travessa - Janela Maxim-ar

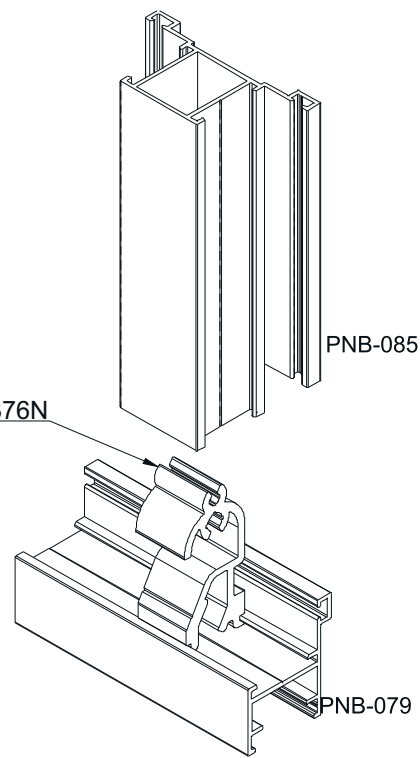
Material: Alumínio

Cor: Natural



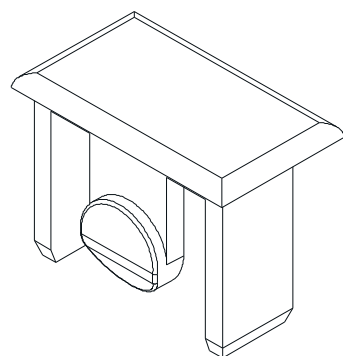
PNB-079

FCH-376N



PNB-085

PNB-079



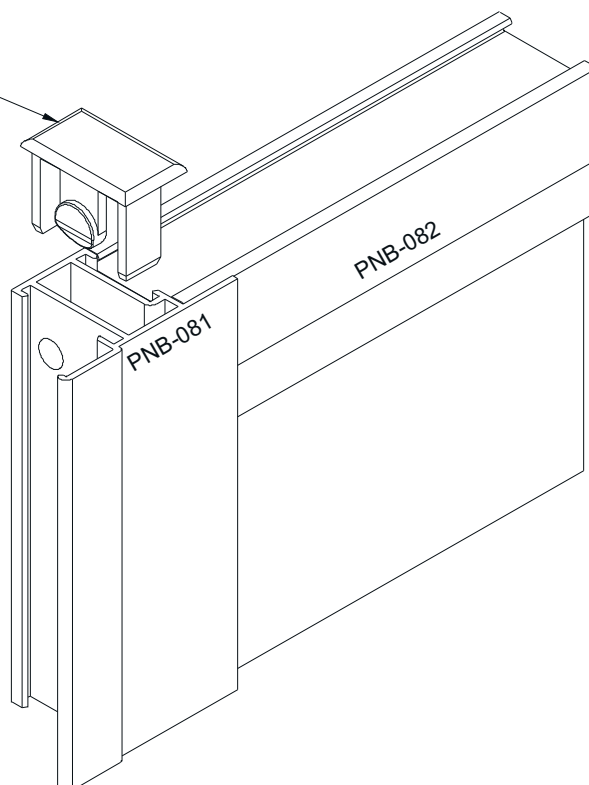
GUI-355N

Descrição: Recobrimento - Janela maxim-ar 90°

Material: Nylon

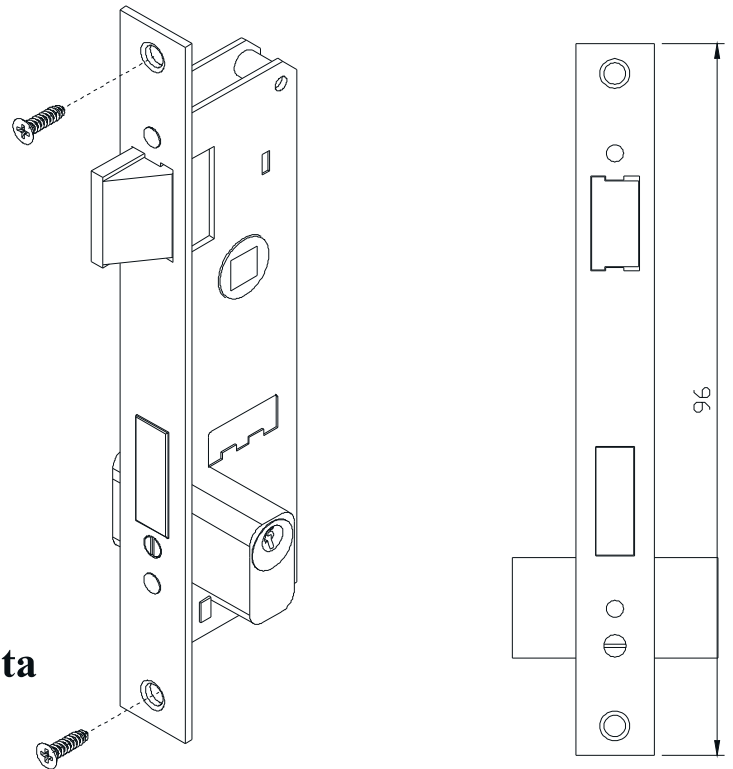
Cor: Branco / Preto

GUI-355N



PNB-081

PNB-082



FRA-834 - Papaiz

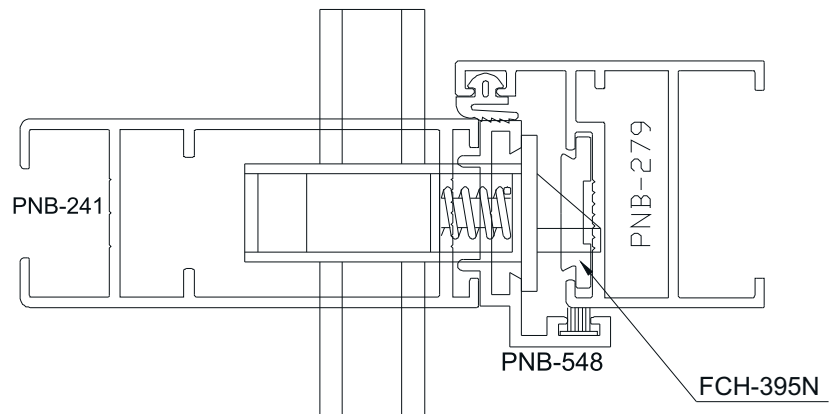
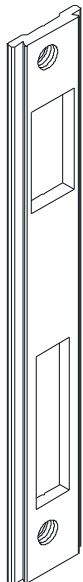
FRA-835 - Papaiz com Maçaneta

FRA-858 - Pado com maçaneta

FRA-835F- 3F com maçaneta

Descrição: Fechadura porta de abrir

Cor: Branco / Preto / cromado



FCH-295N

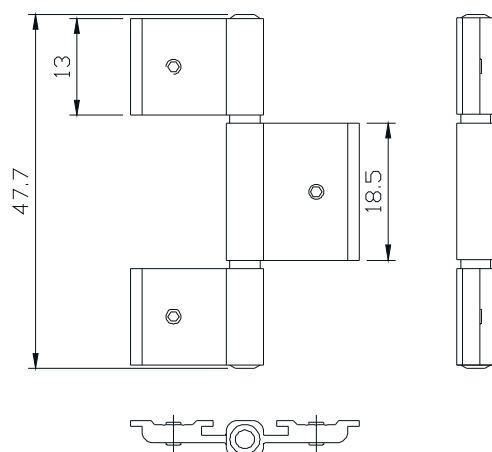
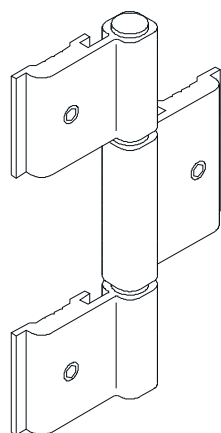
Descrição: Contra testa - Porta de giro

Material: Alumínio

Cor: Branco / Preto

Linha Nobile 2.5

Componentes

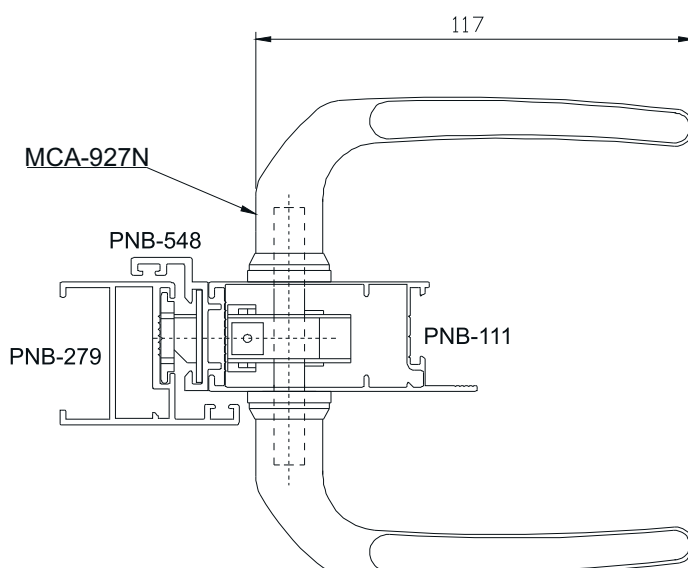
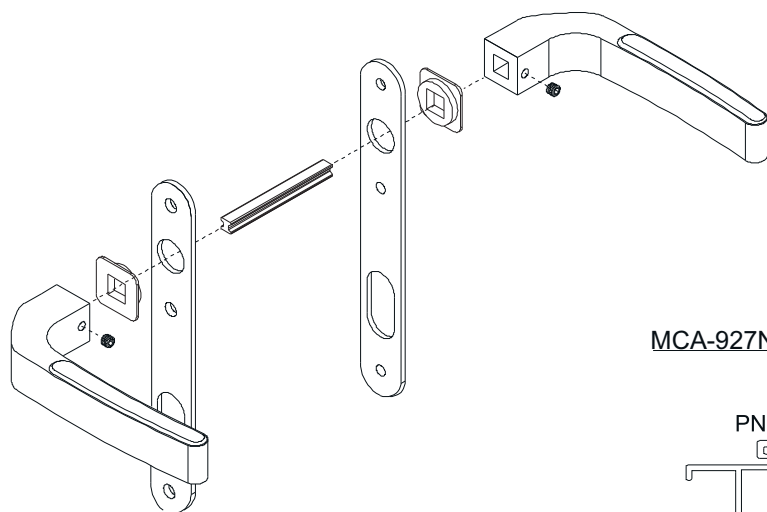
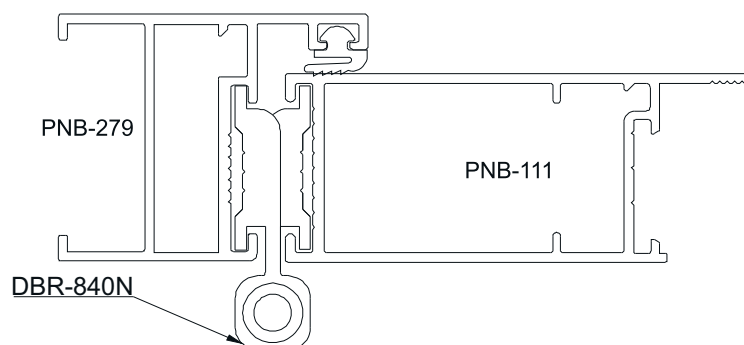


DBR-840N

Descrição: Dobradiça - Porta de giro

Material: Alumínio

Cor: Branco / Preto



MCA-927N

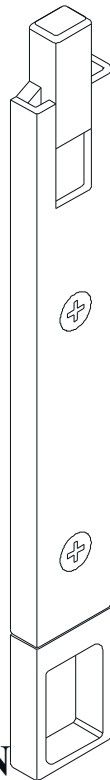
Descrição: Maçaneta com Espelho - Porta de giro

Material: Alumínio

Cor: Branco / Preto

Linha Nobile 2.5

Componentes

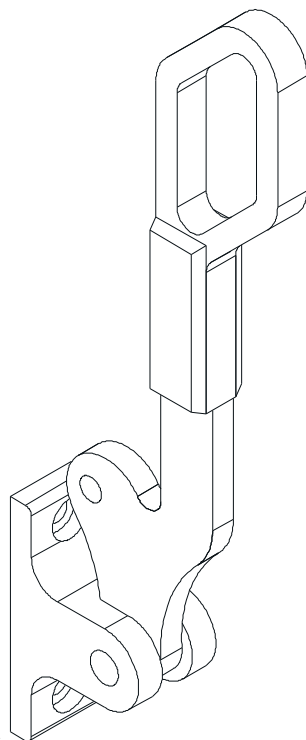
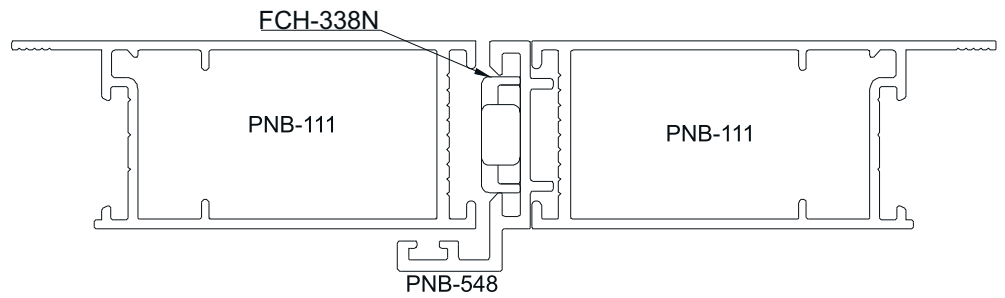


FCH-338N

Descrição: Fecho tipo unha de sobrepor - Porta de giro

Material: Alumínio / Nylon

Cor: Branco / Preto

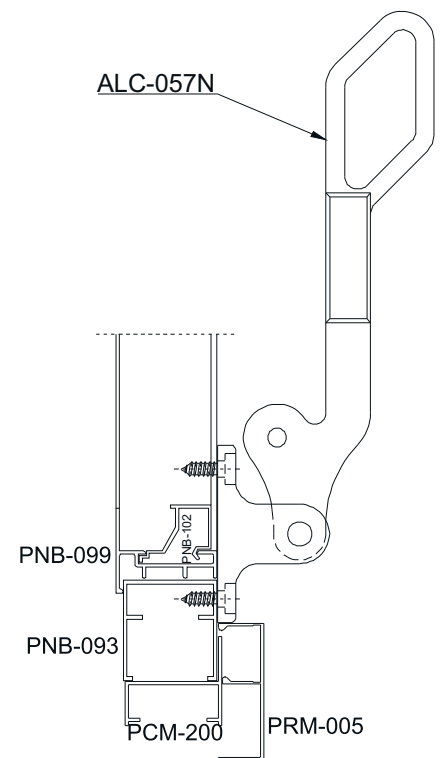


ALC-057N

Descrição: Alavanca com cavalete - Janela basculante

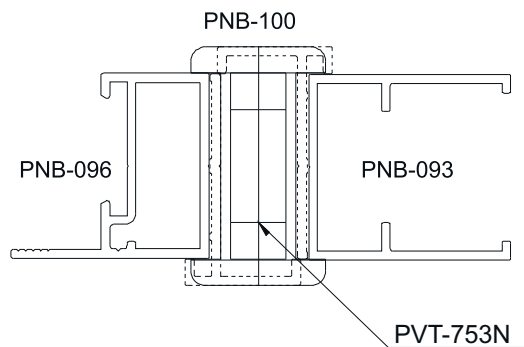
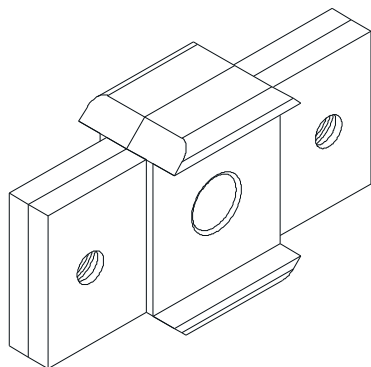
Material: Alumínio

Cor: Branco / Preto



Linha Nobile 2.5

Componentes

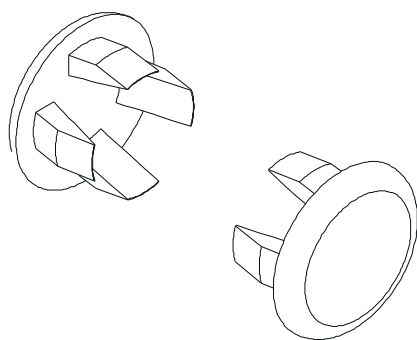


PVT-753N

Descrição: Pivô - Janela basculante

Material: Nylon

Cor: Branco / Preto



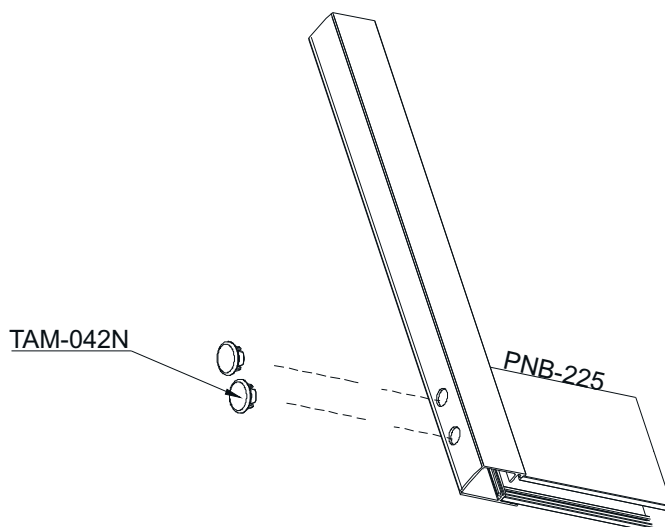
TAM-042N (NYLO00420)

Descrição: Botão tampa furo

Material: Nylon

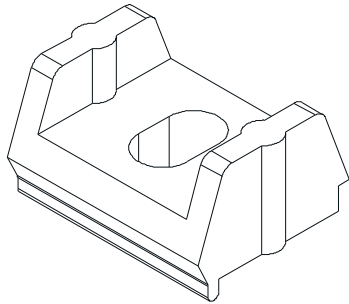
Cor: Branco / Preto

DETALHE DE APLICAÇÃO:
(sem escala)



Linha Nobile 2.5

Componentes

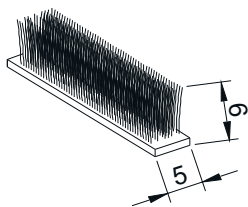
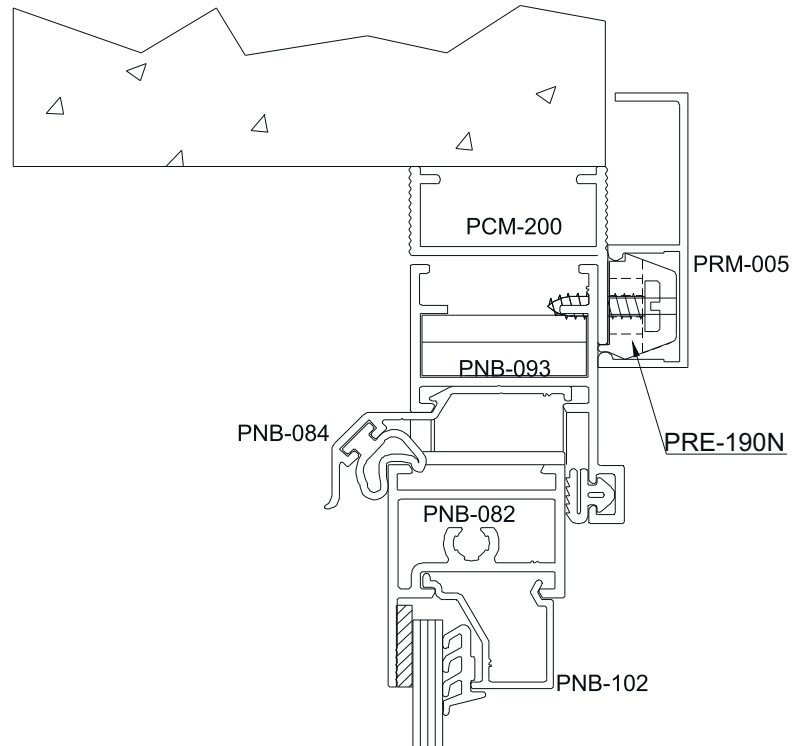


PRE-190N (NYLO0190)

Descrição: Presilha de fixação do arremate

Material: Nylon

Cor: Preto

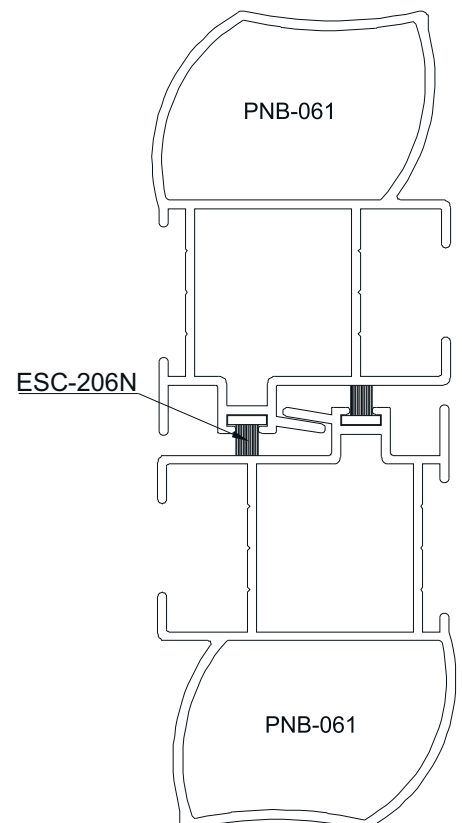


ESC-206N (FITASB05X06)

Descrição: Fita vedadora sem barreira plástica (5 x 6 mm)

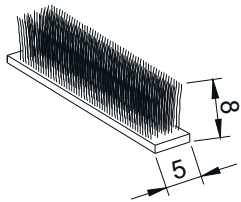
Material: Polipropileno

Cor: Preto



Linha Nobile 2.5

Componentes

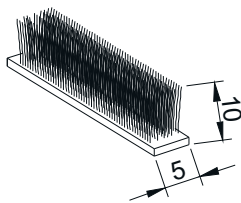
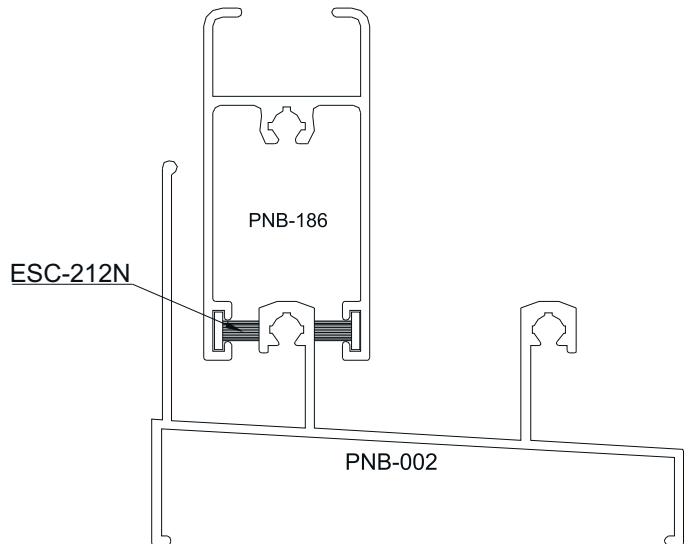


ESC-212N (FITASB05X08)

Descrição: Fita vedadora sem barreira plástica (5 x 8 mm)

Material: Polipropileno

Cor: Preto

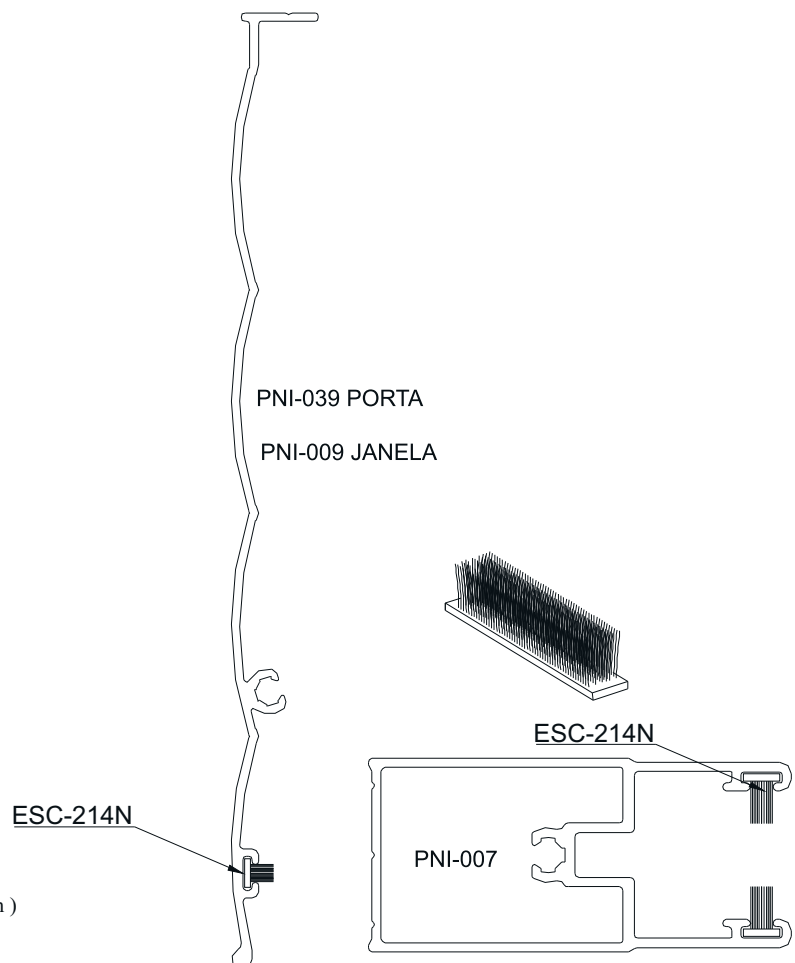


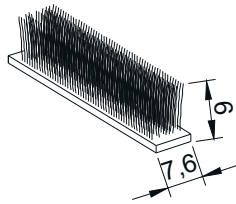
ESC-214N

Descrição: Fita vedadora sem barreira plástica (5 x 10 mm)

Material: Polipropileno

Cor: Preto



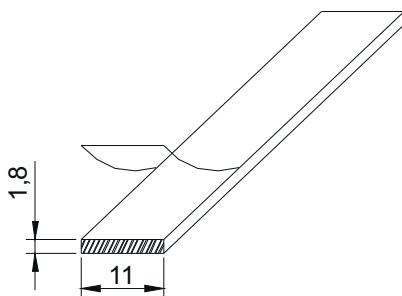
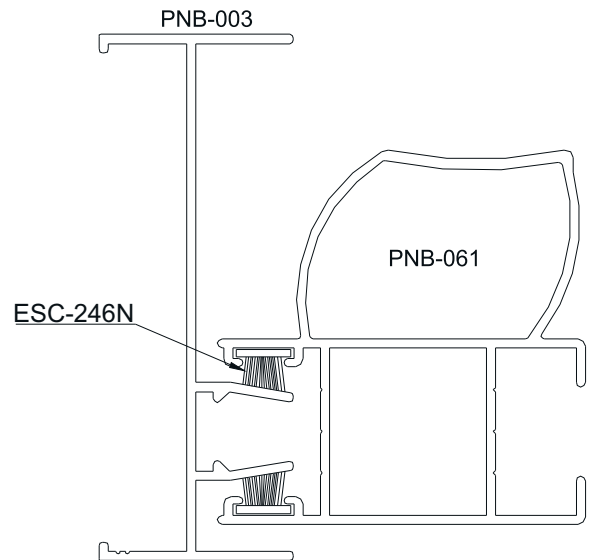


ESC-246N

Descrição: Fita vedadora sem barreira plástica (7.6 x 6 mm)

Material: Polipropileno

Cor: Preto

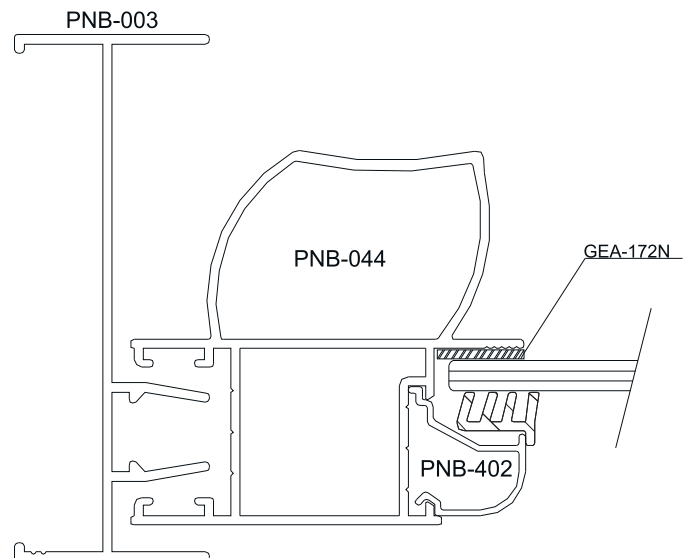


GEA-172N

Descrição: Guarnição Adesiva Esponjosa (11 x 1,8 mm)

Material: PVC

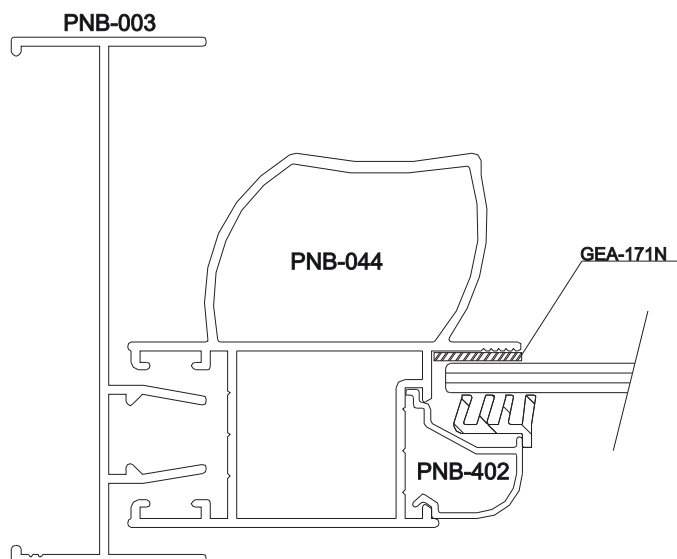
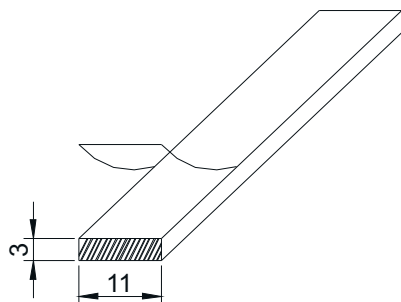
Cor: Preto



Ver aplicação na página **06.01**

Linha Nobile 2.5

Componentes



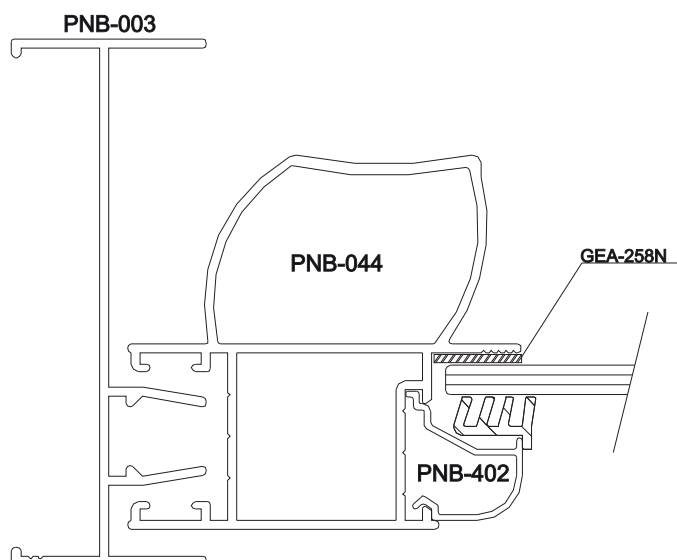
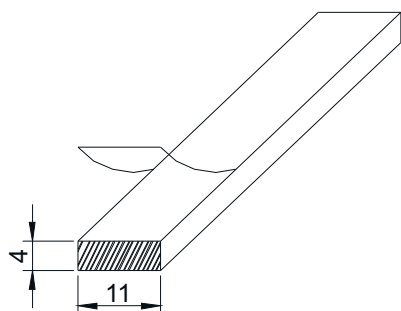
GEA-171N

Descrição: Guarnição Adesiva Esponjosa (11 x 3 mm)

Material: PVC

Cor: Preto

Ver aplicação na página 06.01



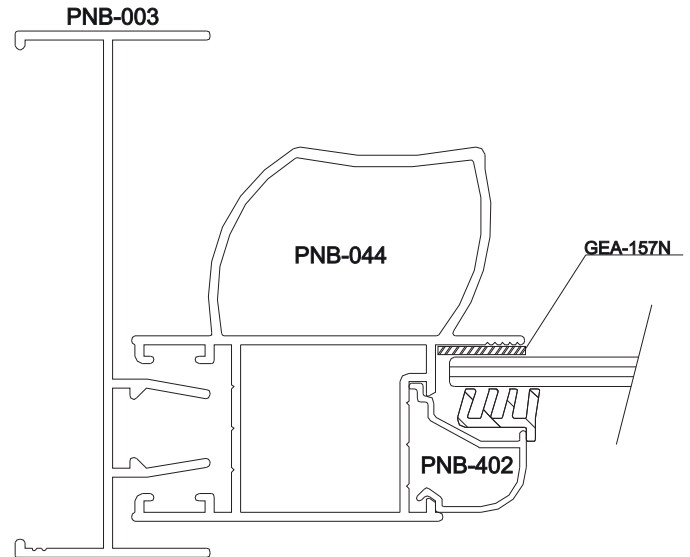
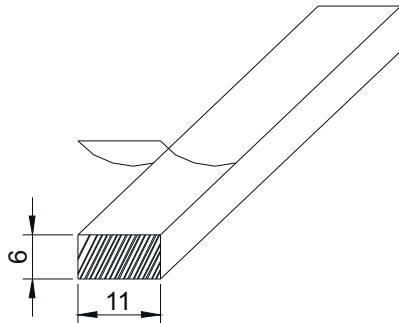
GEA-258N (GUAR00258)

Descrição: Guarnição Adesiva Esponjosa (11 x 4 mm)

Material: PVC

Cor: Preto

Ver aplicação na página 06.01



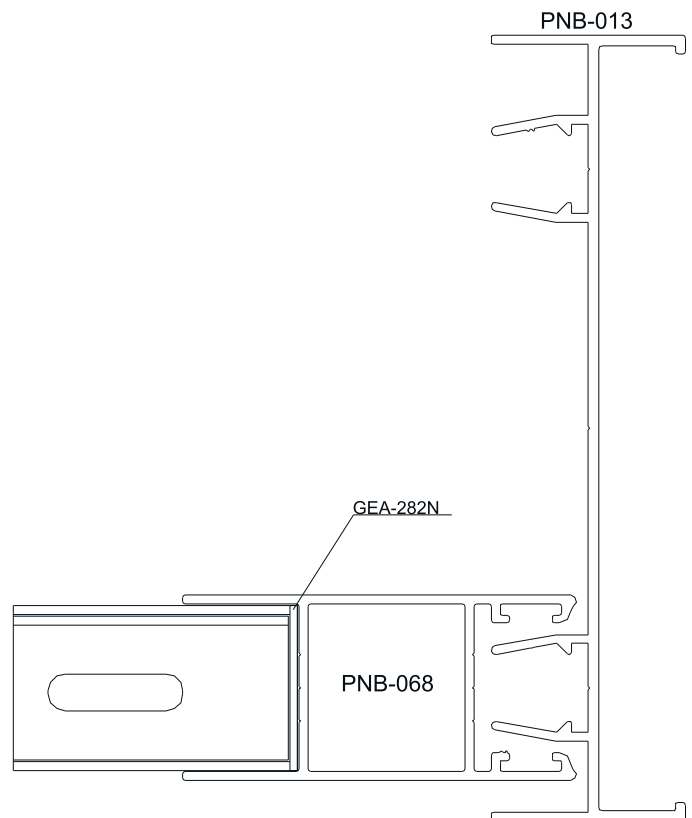
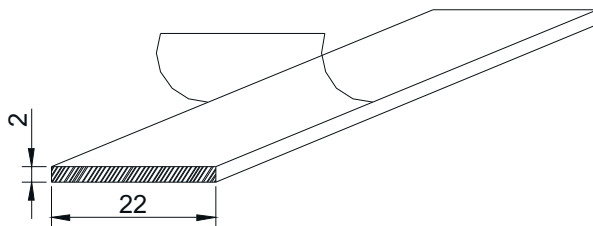
GEA-157N (GUAR00157)

Descrição: Guarnição Adesiva Esponjosa (11 x 6.2 mm)

Material: PVC

Cor: Preto

Ver aplicação na página 06.01

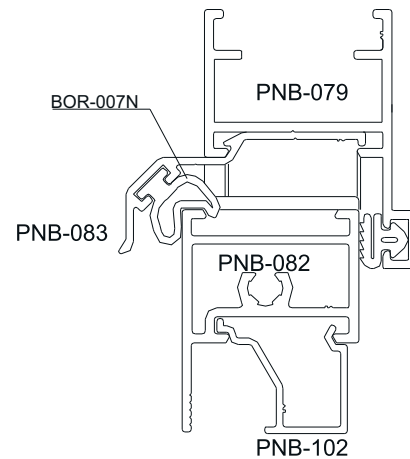
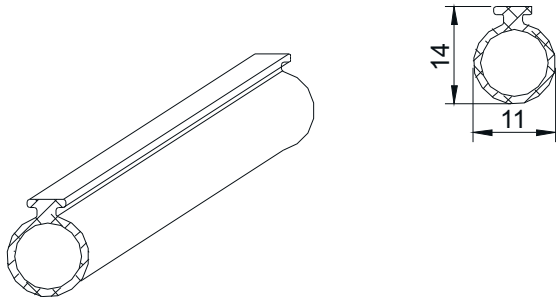


GEA-282N

Descrição: Guarnição Adesiva Esponjosa (22 X 2 mm)

Material: PVC

Cor: Preto

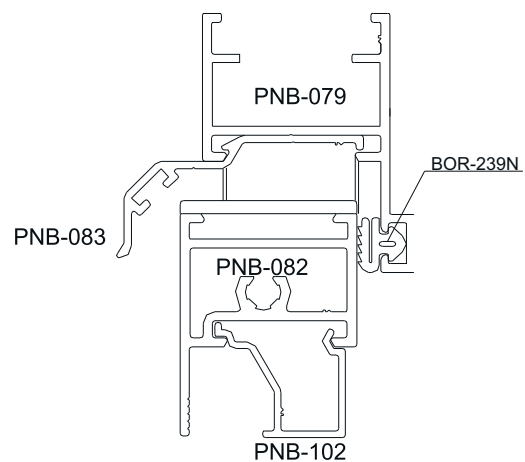
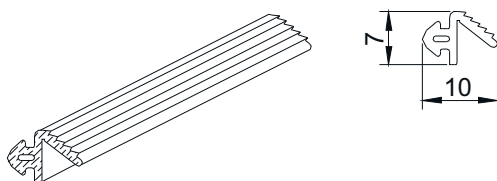


BOR-007N

Descrição: Guarnição

Material: EPDM

Cor: Preto

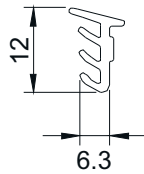
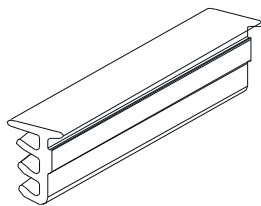


BOR-239N

Descrição: Guarnição

Material: EPDM

Cor: Preto

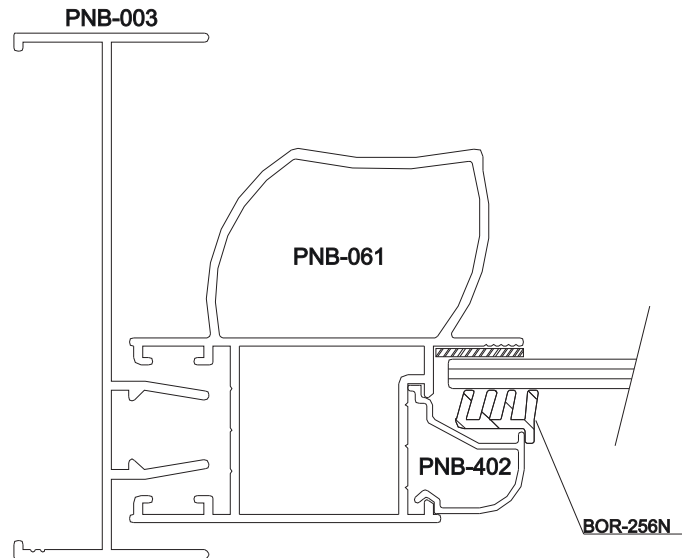


BOR-256N (GUAR00256)

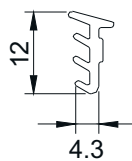
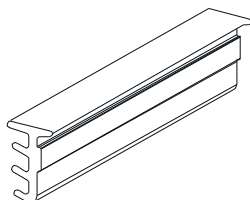
Descrição: Guarnição

Material: EPDM

Cor: Preto



Ver aplicação na página 06.01

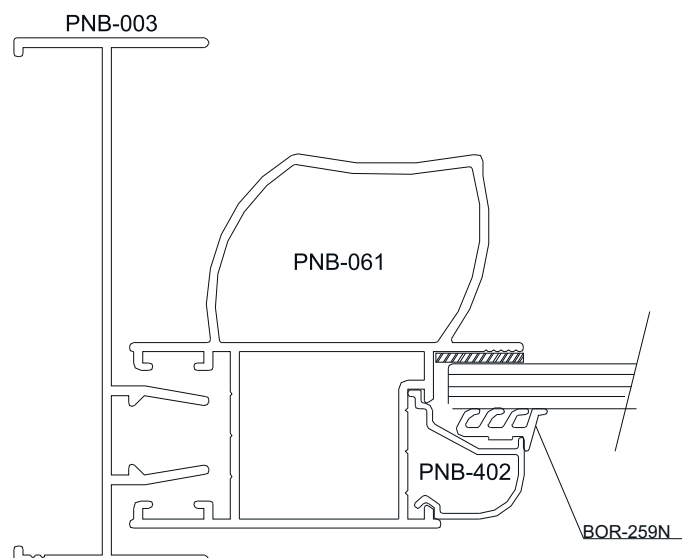


BOR-259N (GUAR00259)

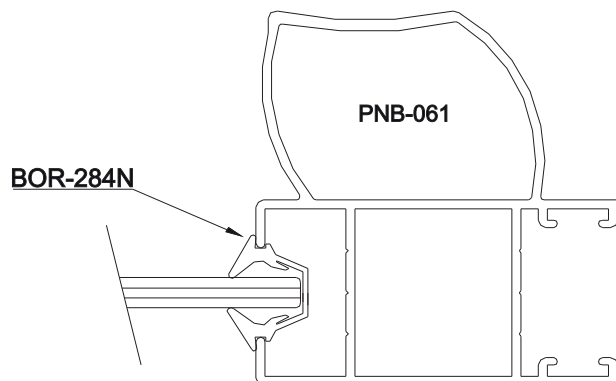
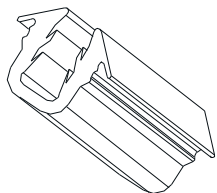
Descrição: Guarnição

Material: EPDM

Cor: Preto



Ver aplicação na página 06.01



BOR-284N

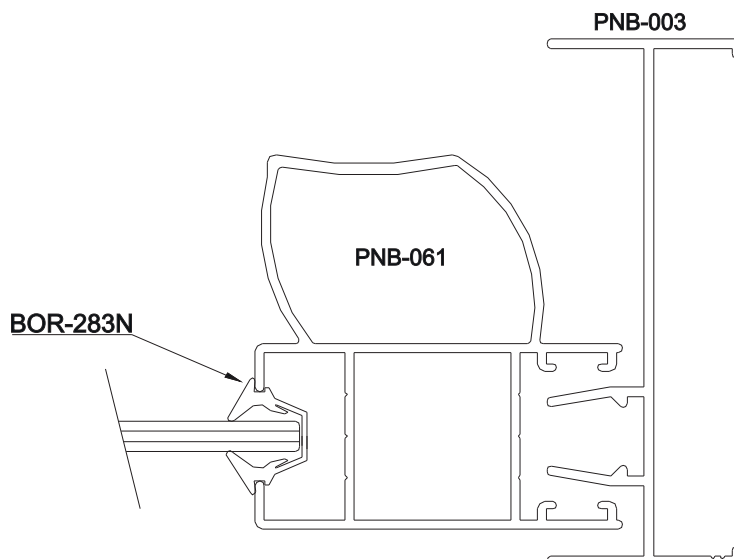
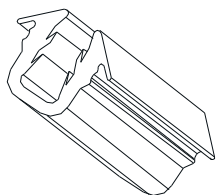
Descrição: Guarnição

Material: EPDM

Cor: Preto

Para vidro 4 mm

Ver aplicação na página 06.01



BOR-283N

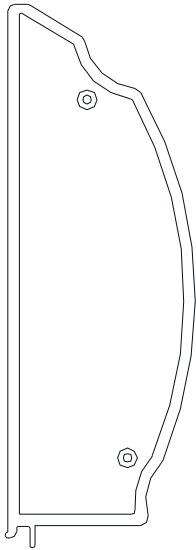
Descrição: Guarnição

Material: EPDM

Cor: Preto

Para vidro 5 e 6 mm

Ver aplicação na página 06.01



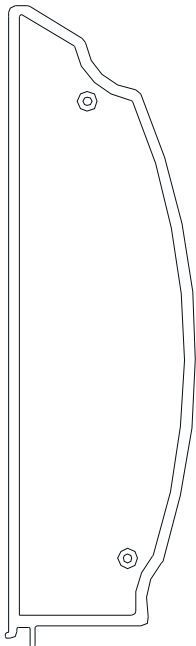
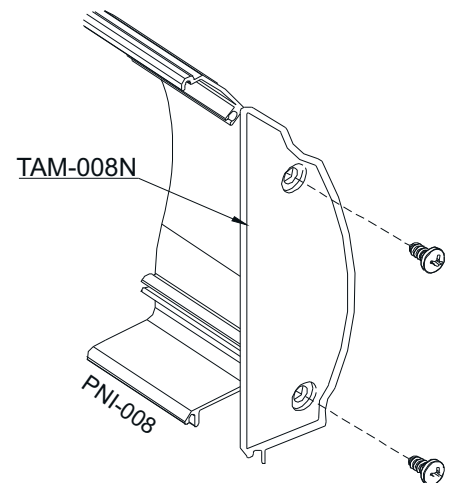
TAM-008N

Descrição: Fechamento lateral da tampa-Janela

Material: Nylon

Cor: Branco / Preto

DETALHE DE APLICAÇÃO:
(sem escala)



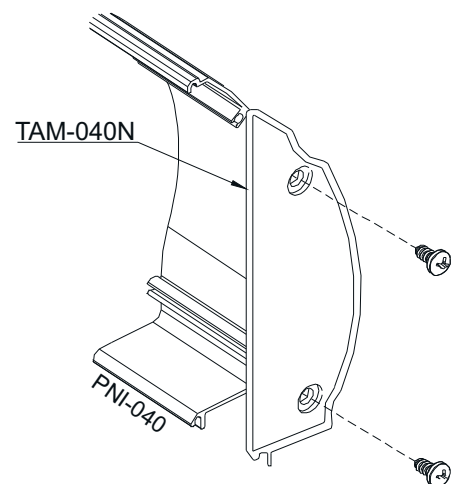
TAM-040N

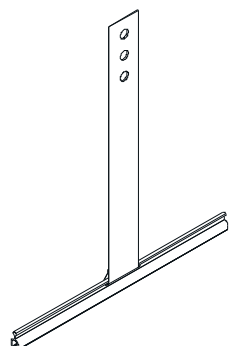
Descrição: Fechamento lateral da tampa-Porta

Material: Nylon

Cor: Branco / Preto

DETALHE DE APLICAÇÃO:
(sem escala)





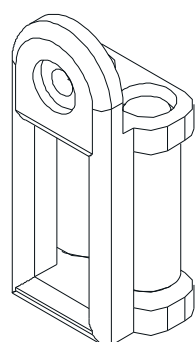
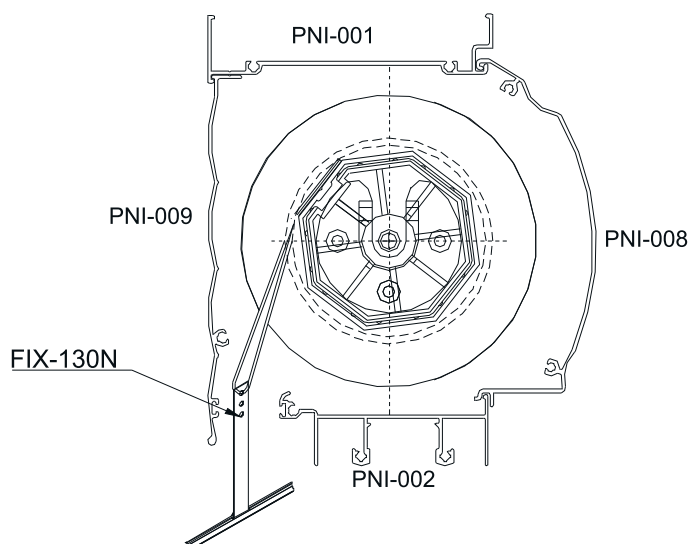
FIX-130N

Descrição: Fixador de esteira 130 capa plastica

Material: zincado

Cor: Natural

DETALHE DE APLICAÇÃO: (sem escala)



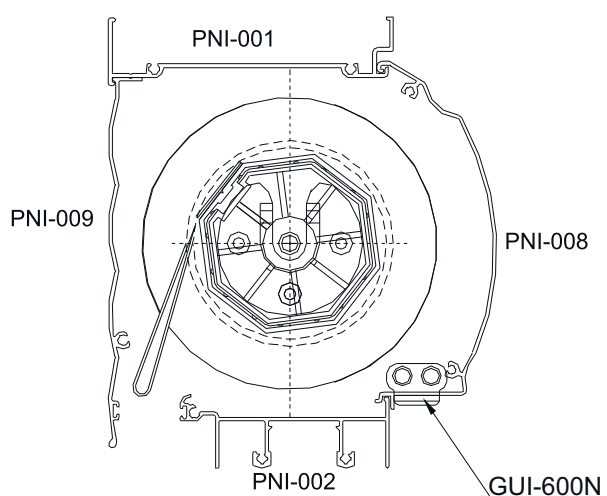
GUI-600N

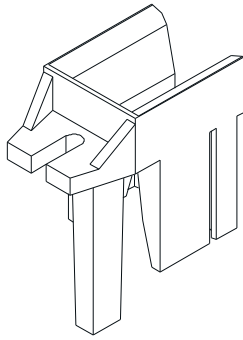
Descrição: Passa cinta Inferior C/ escova

Material: Nylon

Cor: Preto / Branco

DETALHE DE APLICAÇÃO: (sem escala)

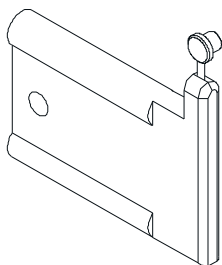
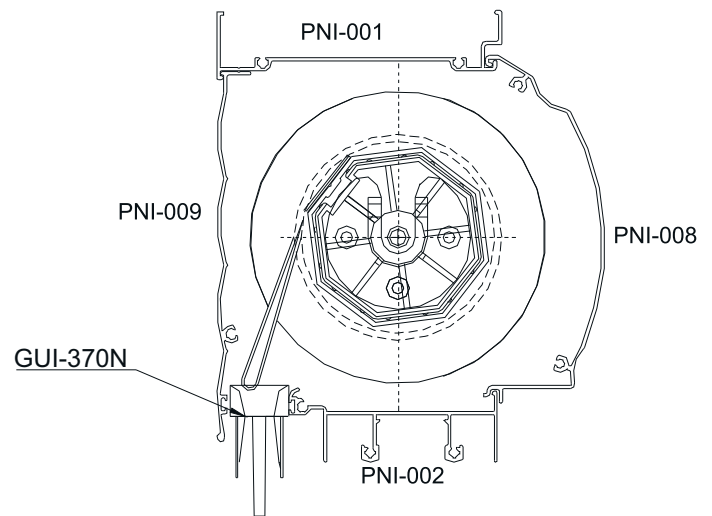




GUI-370N

Descrição: Guia da Persiana
Material: Nylon
Cor: Preto

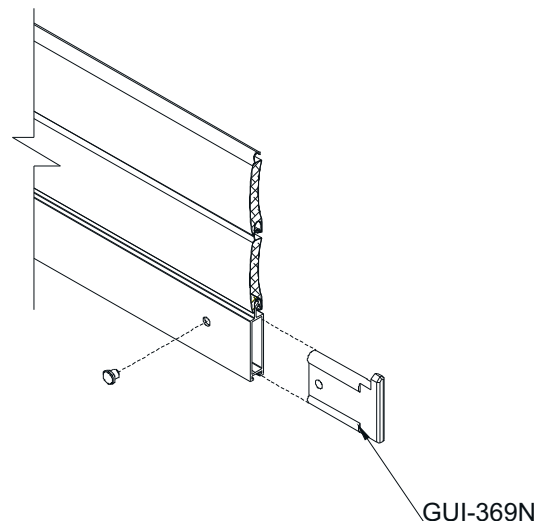
DETALHE DE APLICAÇÃO: (sem escala)



GUI-369N

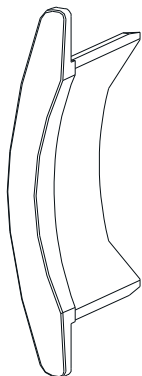
Descrição: Guia e limitador
Material: Nylon
Cor: Preto

DETALHE DE APLICAÇÃO: (sem escala)



Linha Nobile 2.5

Componentes



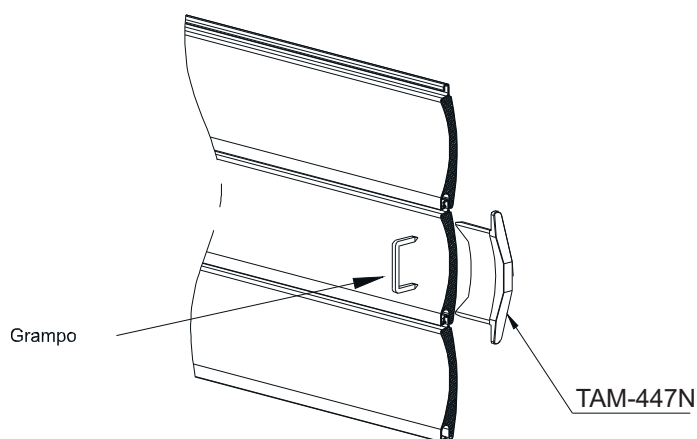
TAM-447N

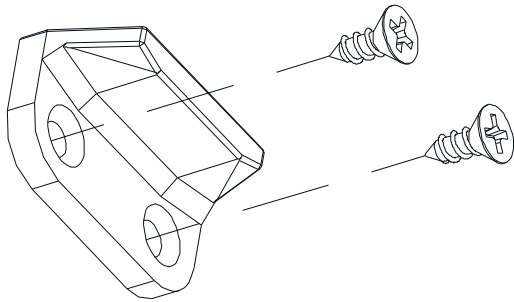
Descrição: Tampa da persiana de 40mm

Material: Nylon

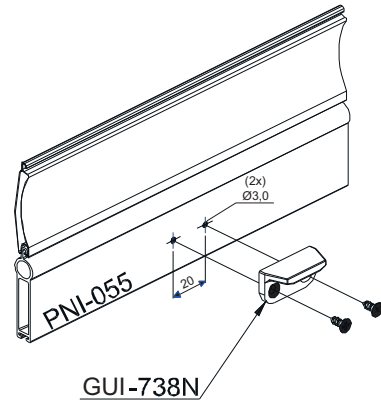
Cor: Preto

DETALHE DE APLICAÇÃO:





DETALHE DE APLICAÇÃO:
(sem escala)



GUI-738N

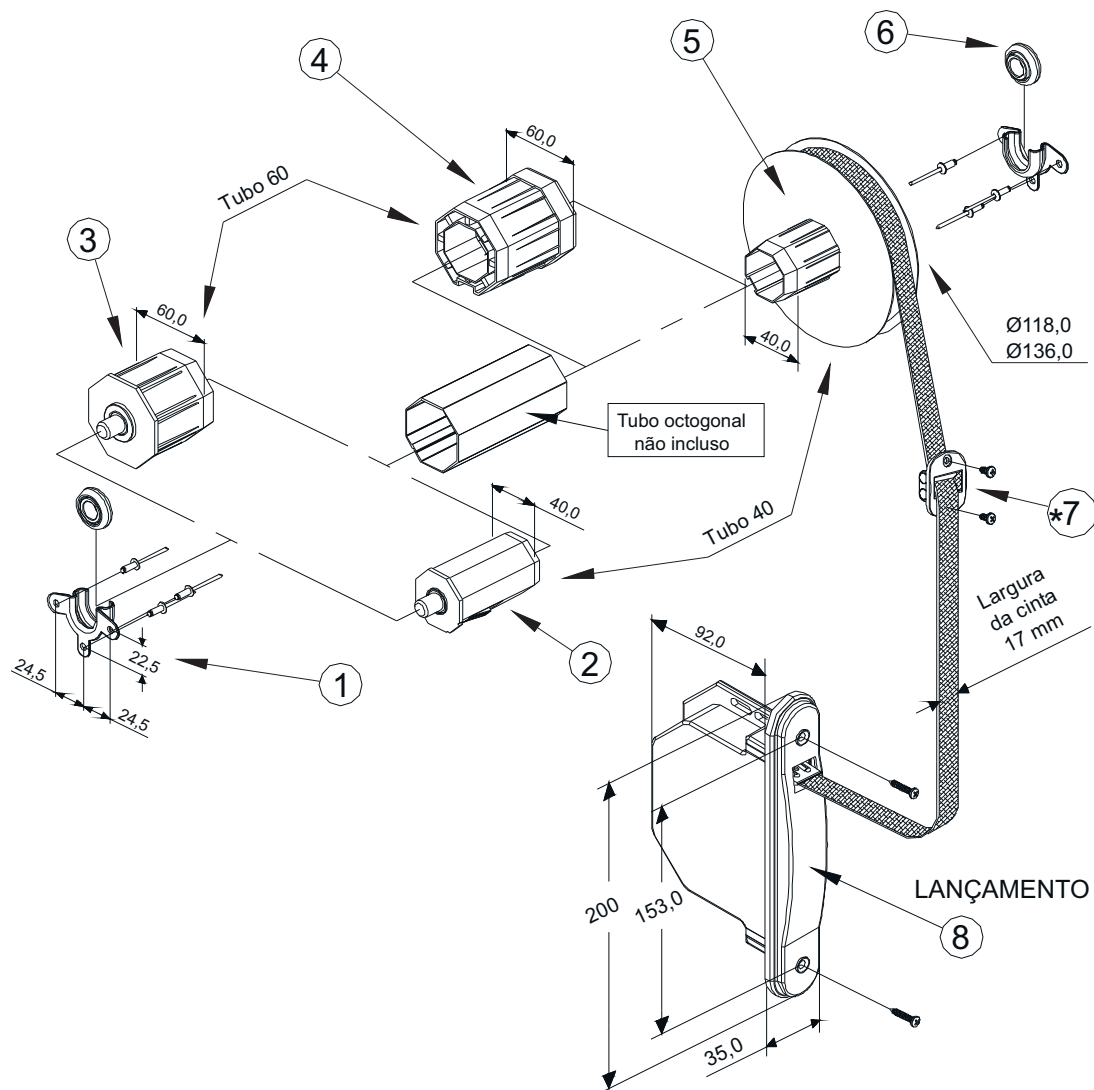
Descrição: Limitador de abertura da esteira

Material: Nylon

Cor: Preto / Branco

Linha Nobile 2.5

Componentes



RCD-006N

Descrição: Conjunto de recolhedor

Material: Poliamida

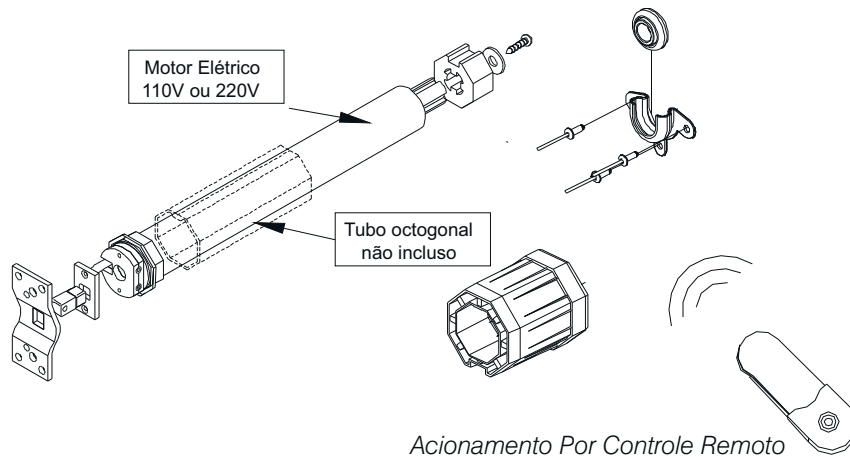
Cor: Preto / Branco

N:	Componentes:	Matéria-prima:
1	Mancal do Recolhedor	Aço
2	Ponteira de Eixo 40mm	Aço / ABS
3	Ponteira de Eixo 60mm	Aço / ABS
4	Adaptador p/ Tubo 60mm	ABS
5	Polia Ø118,0	Aço / ABS
	Polia Ø136,0	Aço / ABS
6	Rolamento do Mancal	Aço / Poliamida
7	Guia da Cinta	Zamak / Poliamida
8	Máquina c/ Espelho e Caixa	ABS / Aço

Linha Nobile 2.5

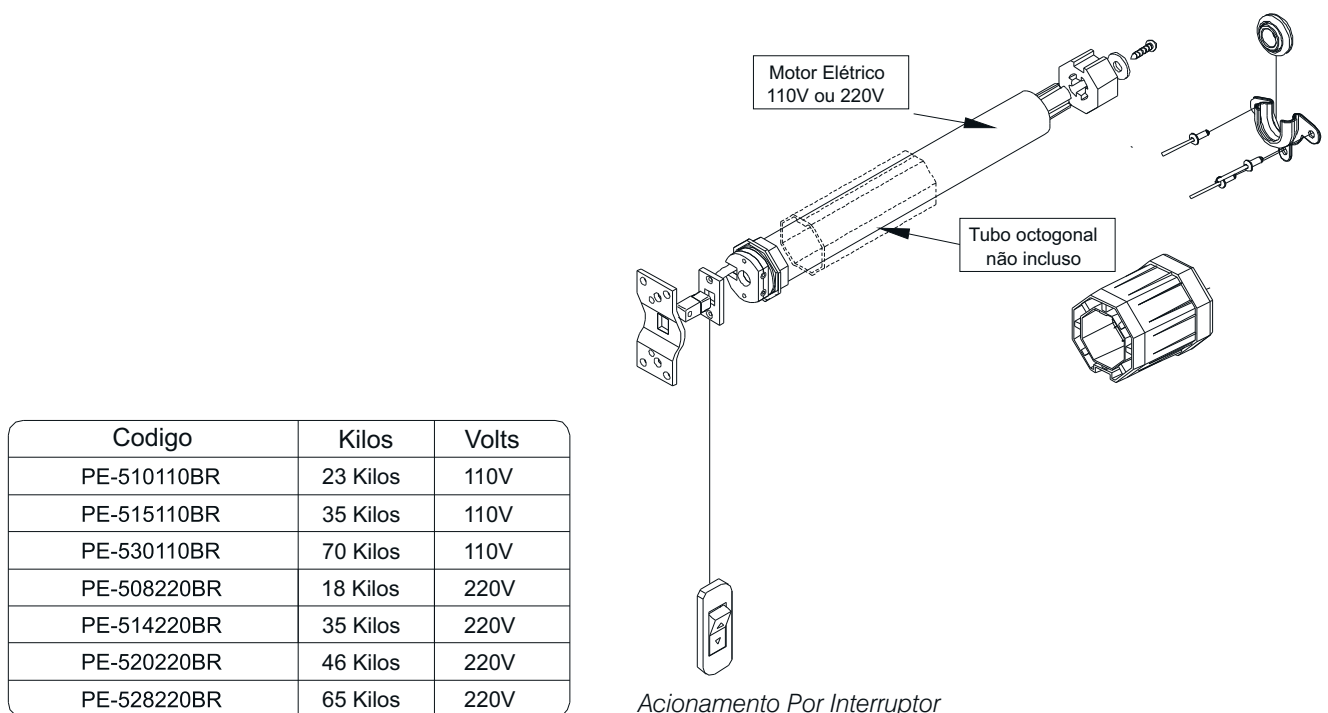
Componentes

Automação da Integrada



Codigo	Kilos	Volts
PE-510110ALTUS	23 Kilos	110V
PE-515110ALTUS	35 Kilos	110V
PE-530110ALTUS	70 Kilos	110V
PE-508220ALTUS	18 Kilos	220V
PE-514220ALTUS	33 Kilos	220V
PE-518220ALTUS	42 Kilos	220V
PE-528220ALTUS	65 Kilos	220V

Automação

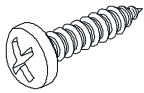


Codigo	Kilos	Volts
PE-510110BR	23 Kilos	110V
PE-515110BR	35 Kilos	110V
PE-530110BR	70 Kilos	110V
PE-508220BR	18 Kilos	220V
PE-514220BR	35 Kilos	220V
PE-520220BR	46 Kilos	220V
PE-528220BR	65 Kilos	220V

Linha Nobile 2.5

Componentes

PARAFUSO PHILIPS



PARAFUSO ZINCADO

Codigo	Medidas	Cor
PAR-3504295	4,2 X 9,5	Zincado
PAR-3504216	4,2 X 16	Zincado
PAR-3504225	4,2 X 25	Zincado
PAR-3504232	4,2 X 32	Zincado

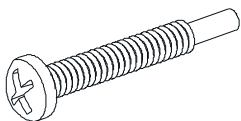
PARAFUSO INOX

Codigo	Medidas	Cor
PAR-3504295	4,2 X 9,5	Inox
PAR-3504216	4,2 X 16	Inox
PAR-3504225	4,2 X 25	Inox
PAR-3504232	4,2 X 32	Inox

Descrição: Parafuso cabeça philips

Material: Zincado / Inox

PARAFUSO P/ MARCO



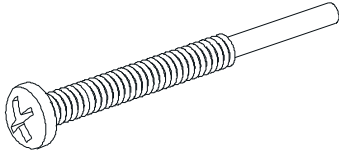
PAR-3724832 (PARFIAPPO4832N)

PARAFUSO 4,8 X 32 PHILIPS

Descrição: Parafuso cabeça philips

Material: Zincado / Inox

PARAFUSO P/ FOLHA



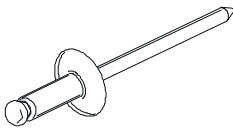
PAR-3724850 (PARFIAPPO4850N)

PARAFUSO 4,8 X 50 PHILIPS

Descrição: Parafuso cabeça philips

Material: Zincado

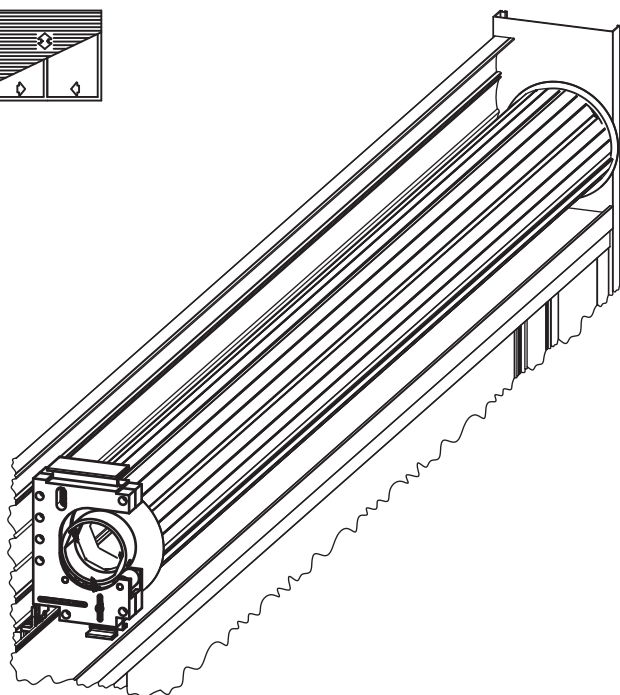
REBITE POP DE ALUMÍNIO



Codigo	Medidas	Cor
A - 310	3,2 x 10,2	Natural / Preto / Branco
A - 312	3,2 x 12,7	Natural / Preto / Branco
A - 410	4,0 x 10,2	Natural / Preto / Branco
A - 412	4,0 x 12,7	Natural / Preto / Branco

Descrição: Rebite de repuxo

Material: Alumínio

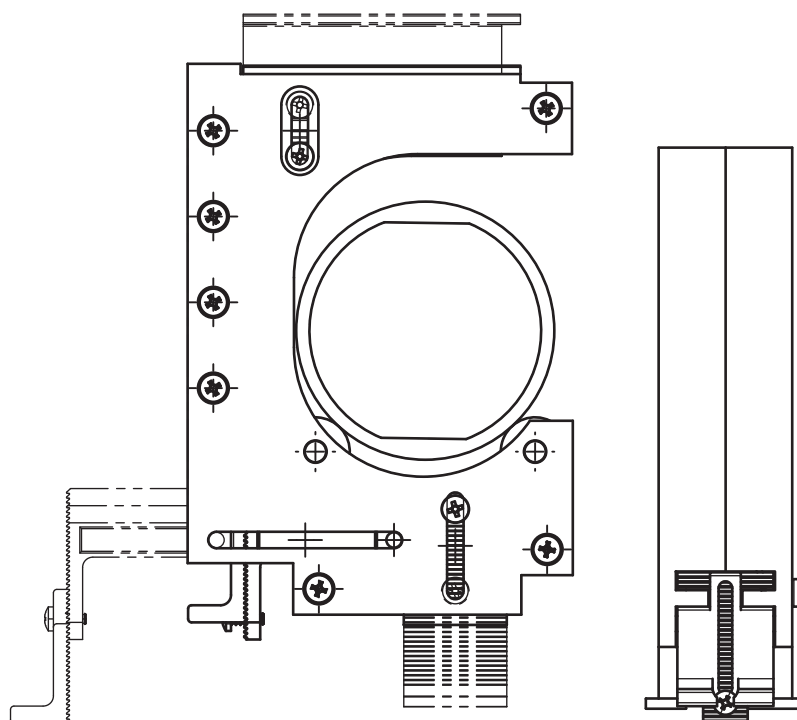


SUP-008N

CONJ. MANCAL P/ JANELA - 138 mm
 Material: Alumínio Natural

SUP-040N

CONJ. MANCAL P/ PORTA - 181 mm
 Material: Alumínio Natural

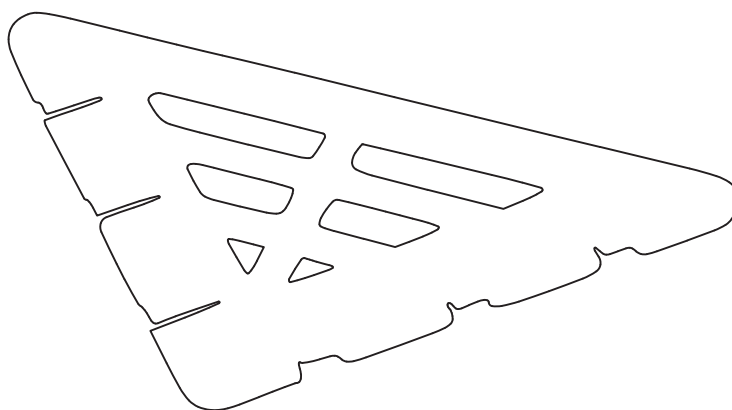


ESQ-160

ESQUADRO P/ CONTRAMARCO - 160 mm
 Material: Nylon

ESQ-240

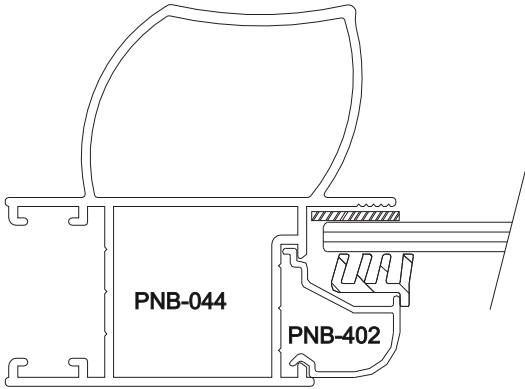
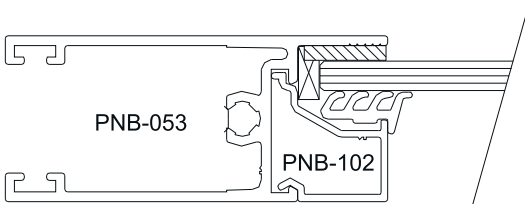
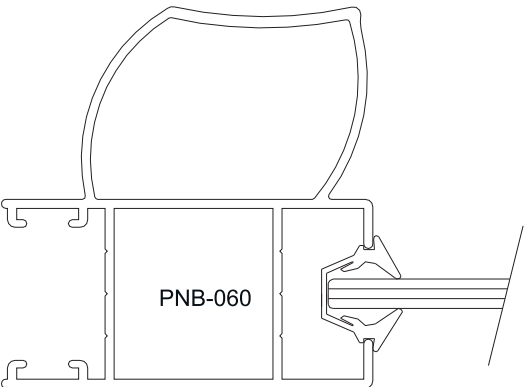
ESQUADRO P/ CONTRAMARCO - 240 mm
 Material: Nylon



Linha *Nobile 2.5*

06

GUIA DE UTILIZAÇÃO
DAS GUARNIÇÕES

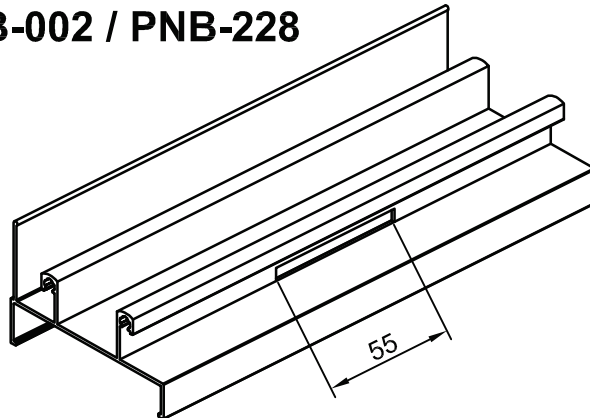
Detalhes	Espessura Vidro	Guarnição Interna	Guarnição Externa
Externo  Interno	4mm	BOR-256	GEA-157
	5mm	BOR-256	GEA-258
	6mm	BOR-259	GEA-258
Externo  Interno	4mm	BOR-256	GEA-258
	5mm	BOR-256	GEA-171
	6mm	BOR-259	GEA-171
Externo  Interno	4mm	BOR-284	
	5mm	BOR-283	
	6mm	BOR-283	

Linha *Nobile 2.5*

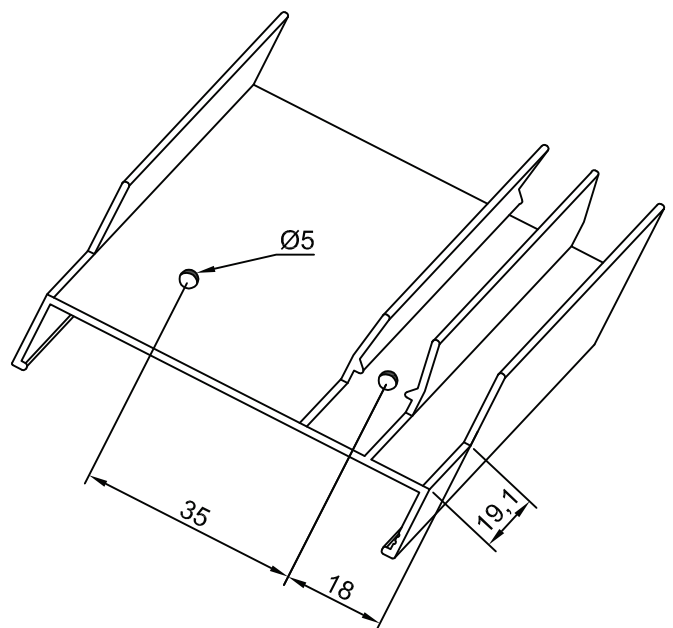
07

USINAGENS

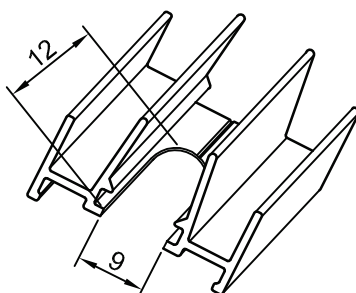
**Usinagem Trilho Inferior
PNB-002 / PNB-228**



**Usinagem Marcos Lateral
PNB-003**

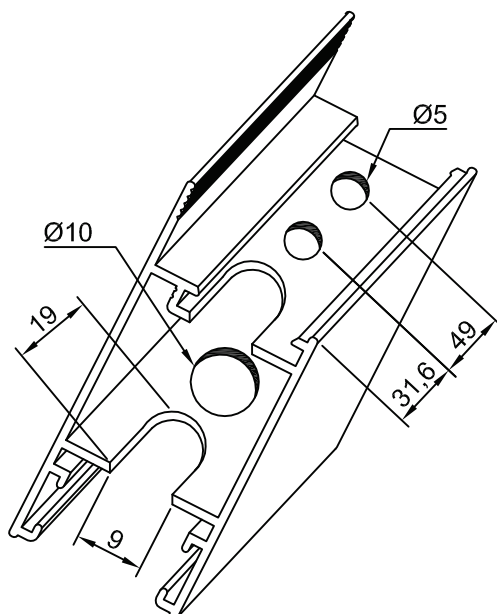


**Usinagem Complemento
Marcos Lateral
PNB-291**



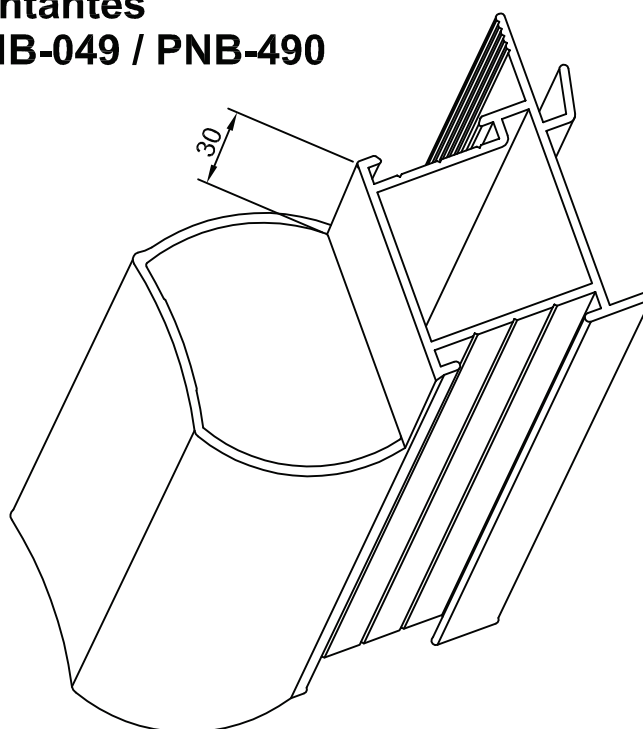
Usinagem Montantes

**PNB-039 / PNB-040 / PNB-041 / PNB-042 / PNB-044 / PNB-047
PNB-049 / PNB-490 / PNB-068 / PNB-069 / PNB-070**



Usinagem Montantes

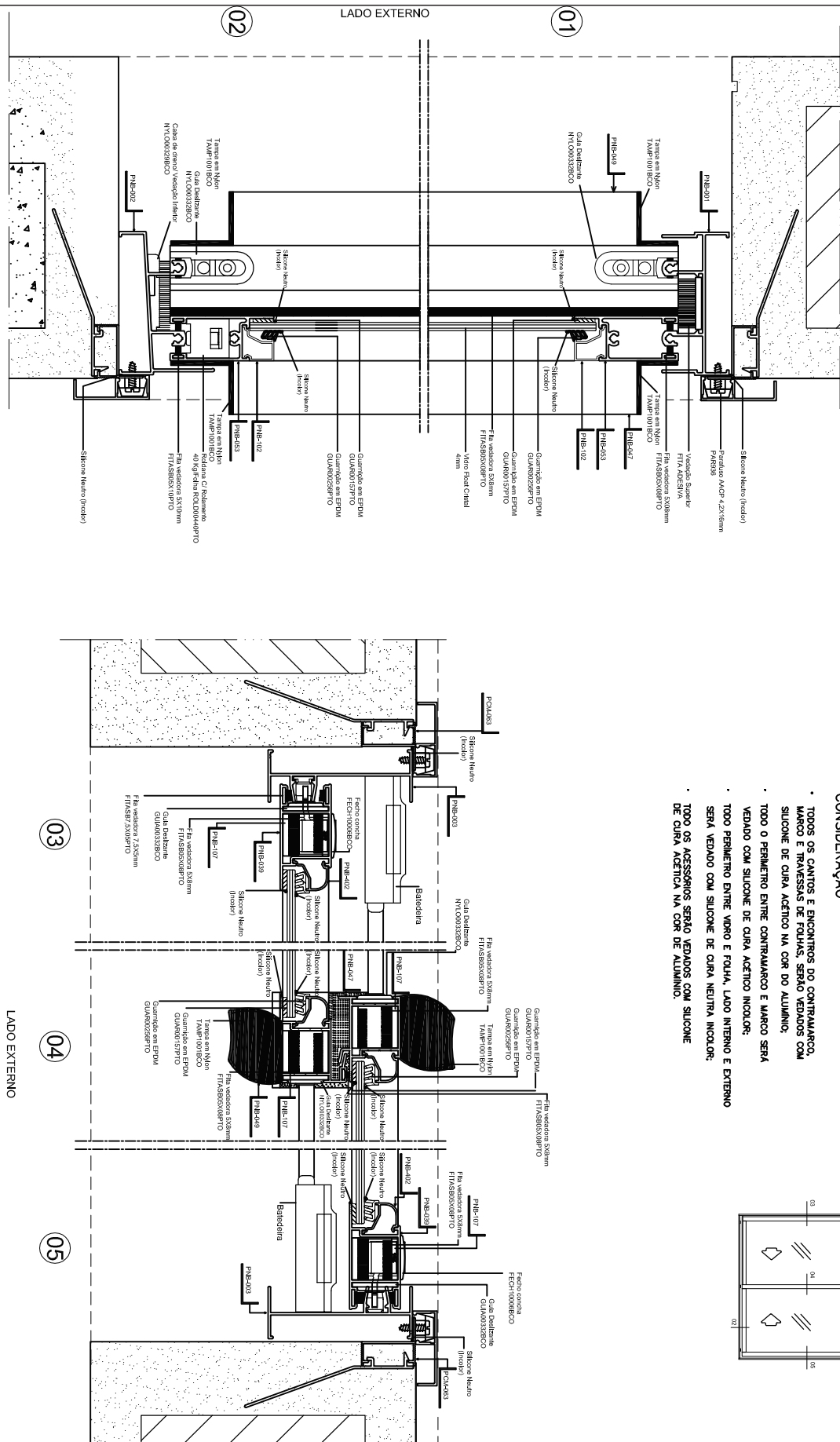
PNB-044 / PNB-047 / PNB-049 / PNB-490



Linha *Nobile 2.5*

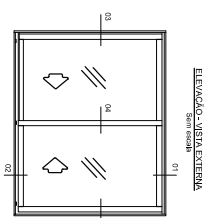
08

MONTAGENS

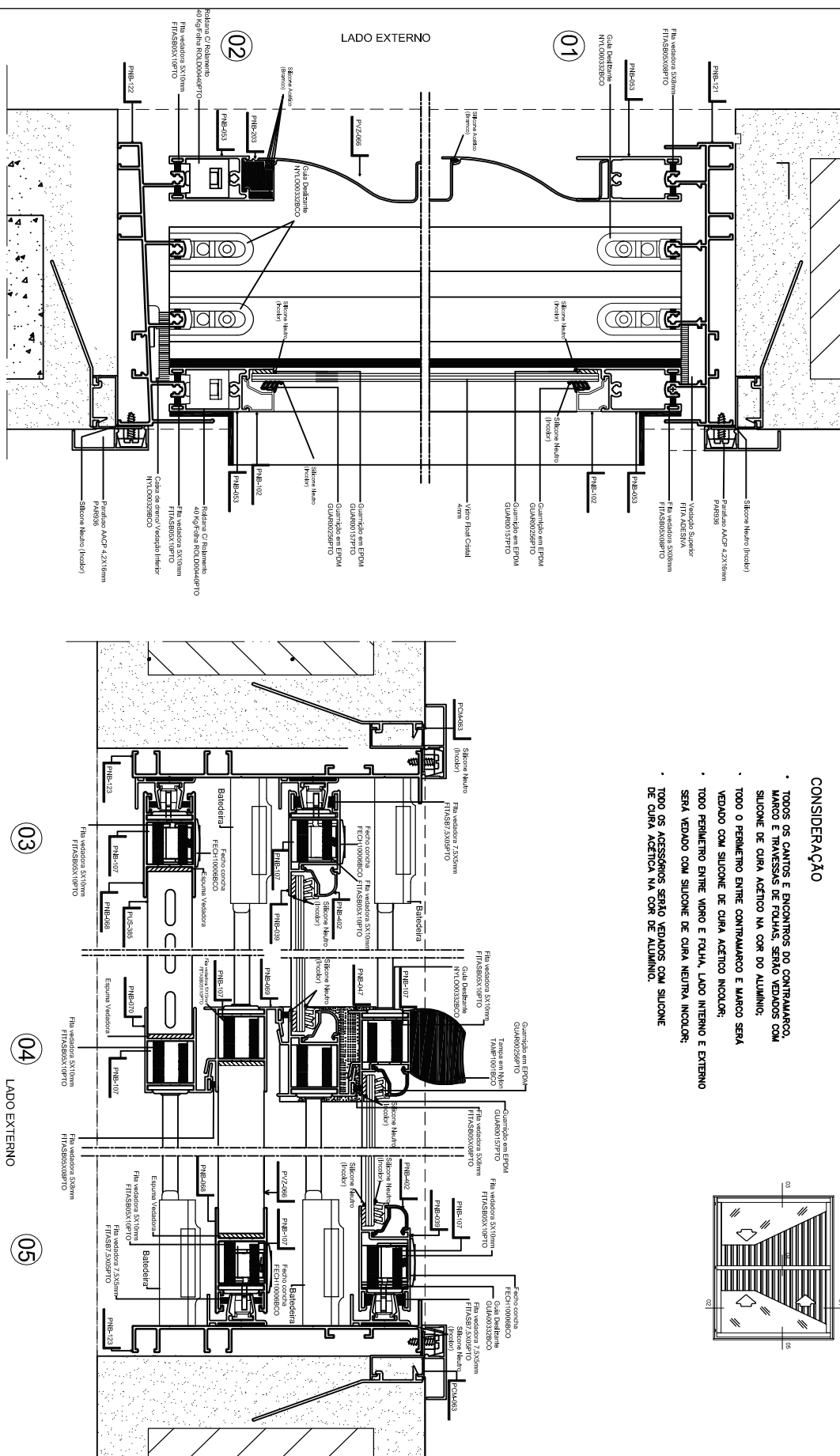


CONSIDERAÇÃO

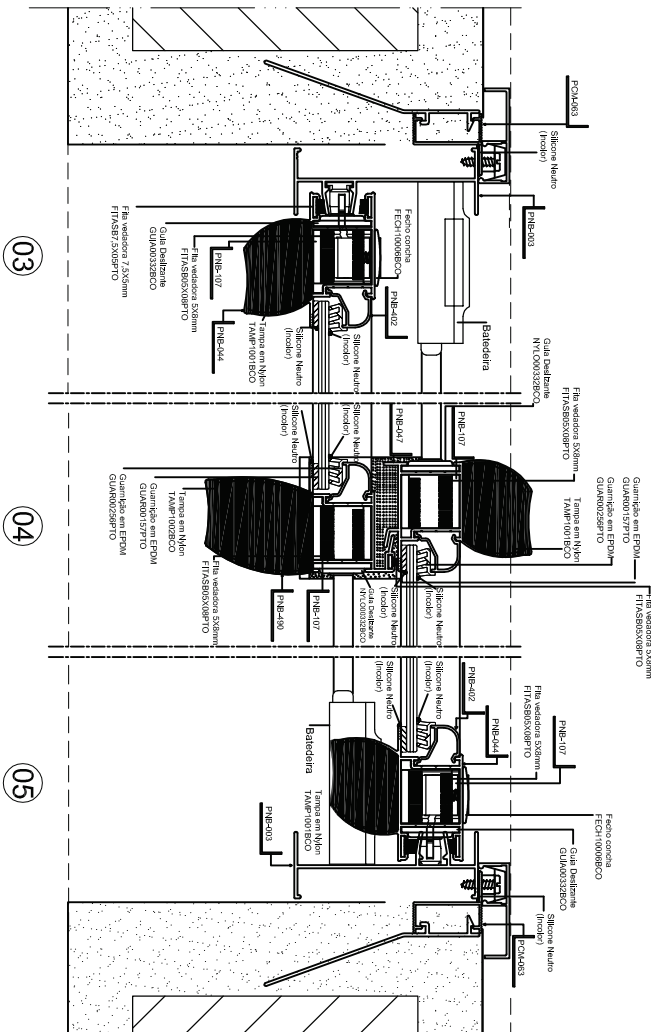
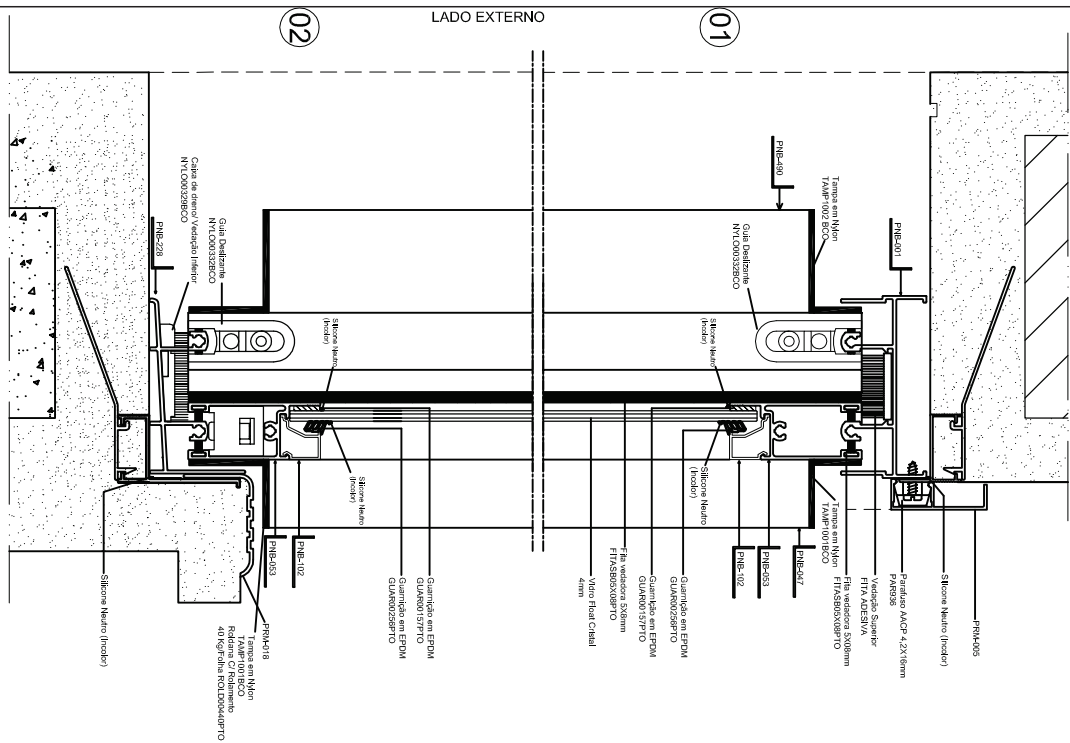
- TODOS OS CANTOS E ENCONTROS DO CONTRAMARCO, MARCO E TRAVESSAS DE FOLHAS, SERÃO VEDADOS COM SILICONE DE CURA ACÉTICO NA COR DO ALUMÍNIO.
- TODO O PERÍMETRO ENTRE CONTRAMARCO E MARCO SERÁ VEDADO COM SILICONE DE CURA ACÉTICO INCOLOR.
- TODO PERÍMETRO ENTRE VIDRO E FOLHA, LADO INTERNO E EXTERNO SERÁ VEDADO COM SILICONE DE CURA NEUTRA INCOLOR.
- TODOS OS ACESSÓRIOS SERÃO VEDADOS COM SILICONE DE CURA ACÉTICO NA COR DE ALUMÍNIO.



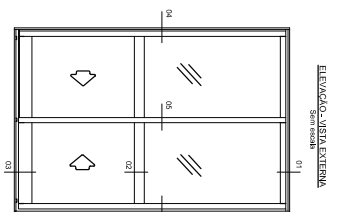
Janela de Correr 02 planos



Janela de Correr 04 planos com Veneziana



Porta de Correr 02 planos



CONSIDERAÇÃO

- TODOS OS CANTOS E ENCONTROS DO CONTRAMARCO, MARCO E TRANSIÇÃO DE FOLHAS, SERÃO VEDADOS COM SILICONE DE CURA ACETICO NA COR DO ALUMINIO;
- TODO O PERÍMETRO ENTRE CONTRAMARCO E MARCO SERÁ VEDADO COM SILICONE DE CURA ACETICO INCOLOR;
- TODO PERÍMETRO ENTRE VÍDRO E FOLHA, LADO INTERNO E EXTERNO SERÁ VEDADO COM SILICONE DE CURA NEUTRA INCOLOR;
- TODOS OS ACESSÓRIOS SERÃO VEDADOS COM SILICONE DE CURA ACETICA NA COR DE ALUMINIO.

