

Esquadrias em PVC



PRIMEIRA LINHA

ESQUADRIAS EM ALTO PADRÃO

CATÁLOGO TÉCNICO

2025

iTEC

euroTEC

TEC**plus-100**

MAXXI



ÍNDICE

assunto	página
INTRODUÇÃO	1
LINHA iTEC	3
LINHA euroTEC	19
LINHA tecPLUS	51
LINHA MAXXI	75
CÁLCULOS DE REAPROVEITAMENTO	81
ESQUEMAS - CALÇOS DE VIDROS	93
ESQUEMAS - CONEXÕES	95
ALMAS DE AÇO - PERFIS PRINCIPAIS	103
ALMAS DE AÇO - COLUNAS E CONEXÕES	110

ESQUADRIAS, PERFIS EM PVC E ACESSÓRIOS 1ª LINHA

1ª LINHA

Somos uma empresa especializada na fabricação de esquadrias em PVC e na distribuição de perfis e tecnologia.

Possuimos grande know-how e experiência, tendo já mais de 40 mil fornecimentos concluídos: residências, clínicas, edifícios comerciais, universidades, creches, hotéis, indústrias, etc. Com intuito de sempre atender o mais alto padrão, buscamos trabalhar com produtos superiores e de renomada qualidade.

Trabalhamos com perfis e acessórios nacionais e importados de alta tecnologia e desempenho, superando em qualidade e durabilidade a grande maioria dos produtos concorrentes. Nosso programa contempla uma grande variedade de soluções, a fim de atender os mais variados projetos, o que nos destaca junto à concorrência e ao público.

GARANTIA

Garantimos integralmente nossos perfis por 10 anos. Os demais acessórios são garantidos por 5 anos.

Tendo em vista um relacionamento sempre honesto e transparente, todas nossas vendas são contratualmente formalizadas, garantindo ao cliente total segurança quanto às especificações e prazos dos produtos e serviços fornecidos.

Nossas equipes de instalação são equipadas, treinadas e especializadas, garantindo o perfeito funcionamento do produto.

COMPROMISSO COM O CLIENTE

Qualidade, compromisso e garantia. Somos uma empresa disposta a atender e superar as expectativas de nossos clientes. Cada projeto é único e especial, merecendo total atenção e empenho no desenvolvimento de peças personalizadas, solução de problemas e resolução imediata de imprevistos ligados à construção civil.



PERFIS
FABRICADOS NO BRASIL





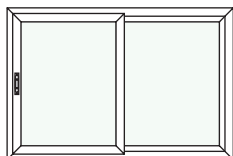
ESQUADRIAS

Catálogo Especifico

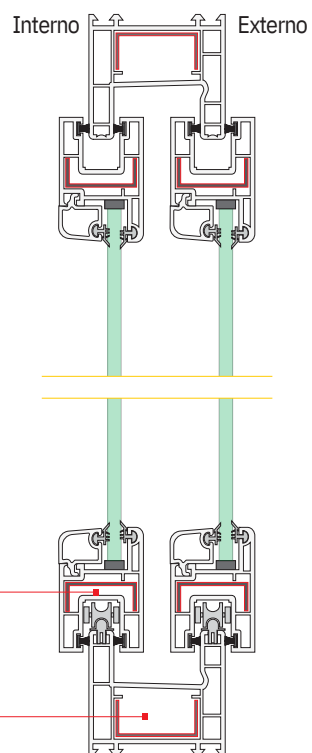
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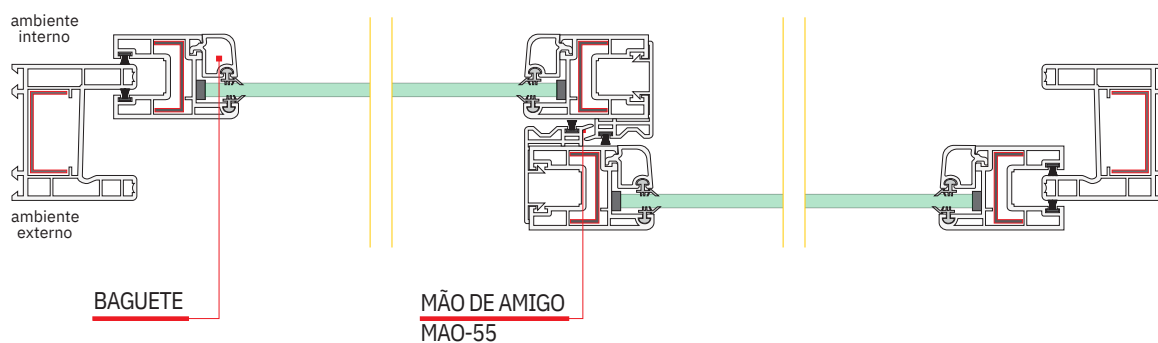
Janela de correr 2 folhas



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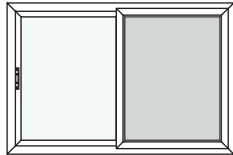


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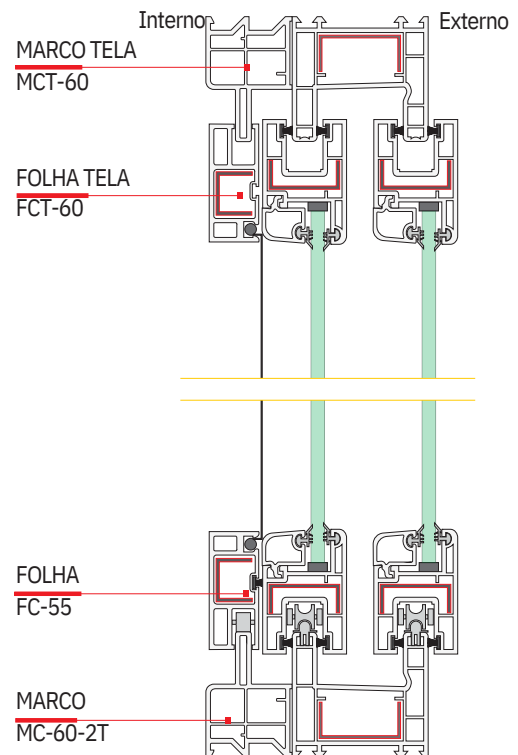


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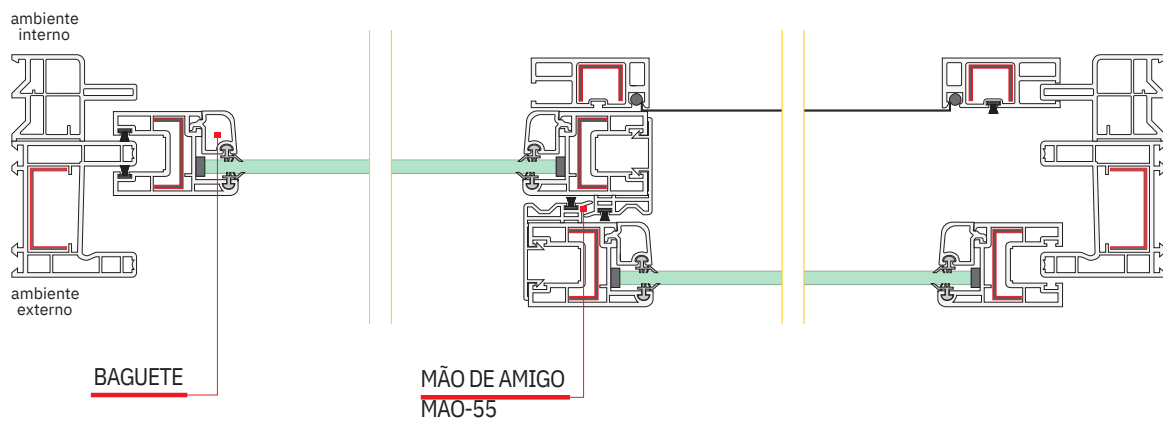
Janela de correr 2 folhas com tela mosquiteiro



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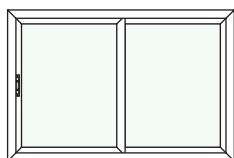


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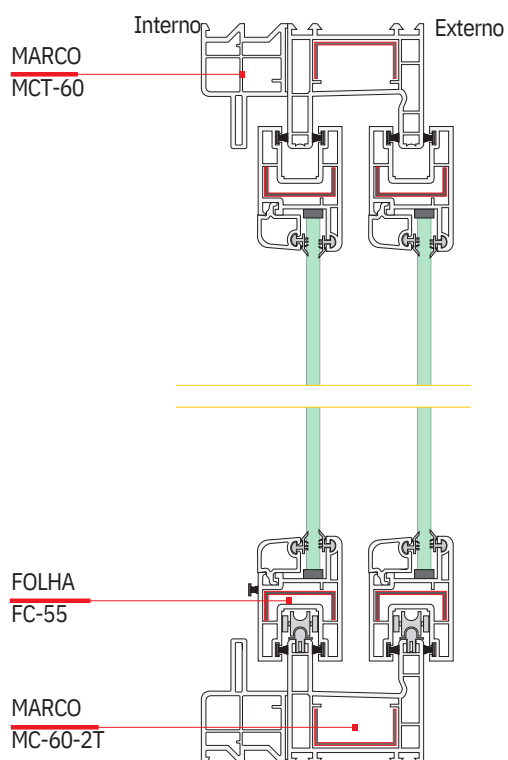


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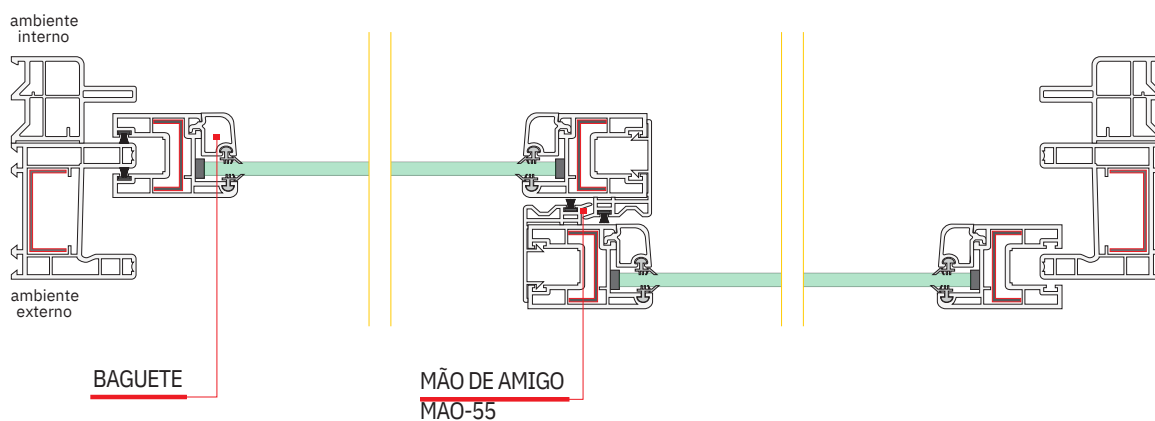
Janela de correr 2 folhas Acústica



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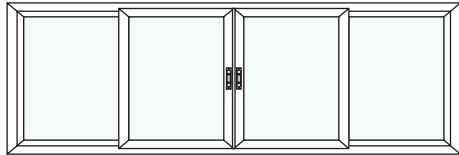


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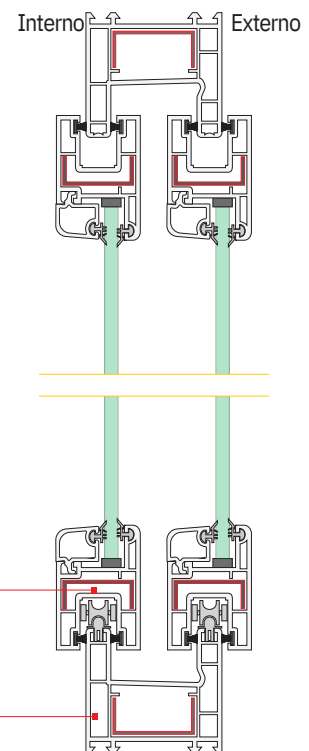


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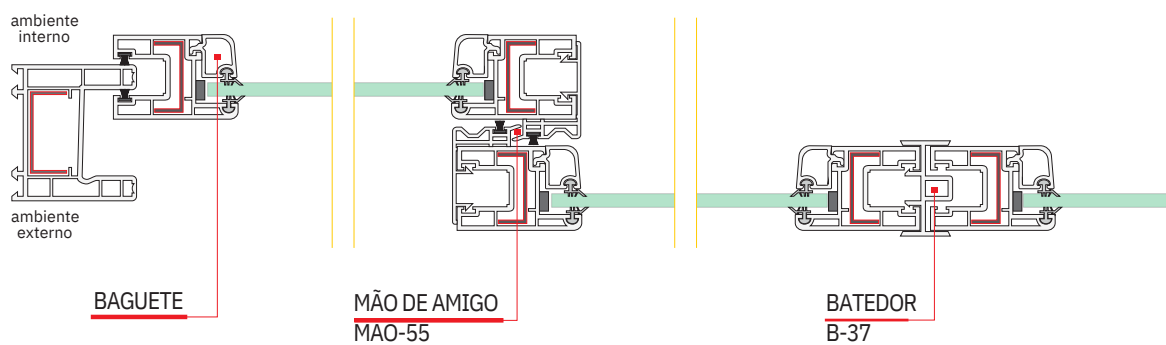
Janela de correr 4 folhas



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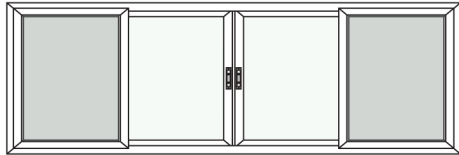


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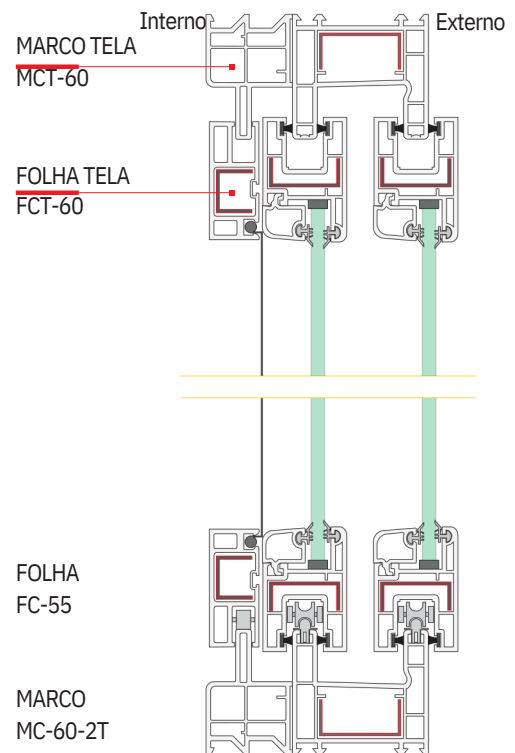


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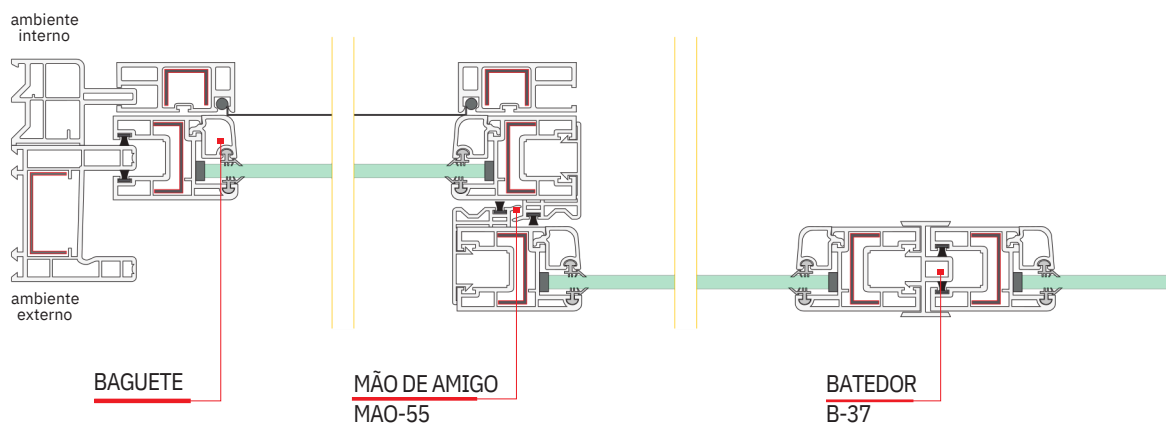
Janela de correr 4 folhas com tela mosquiteiro



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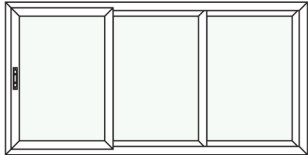


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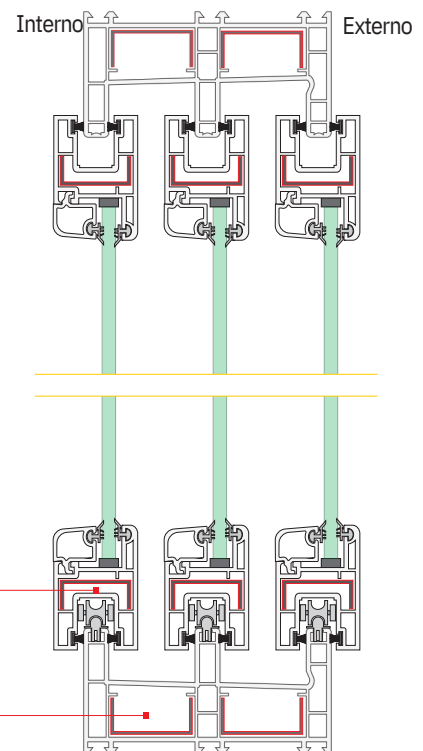


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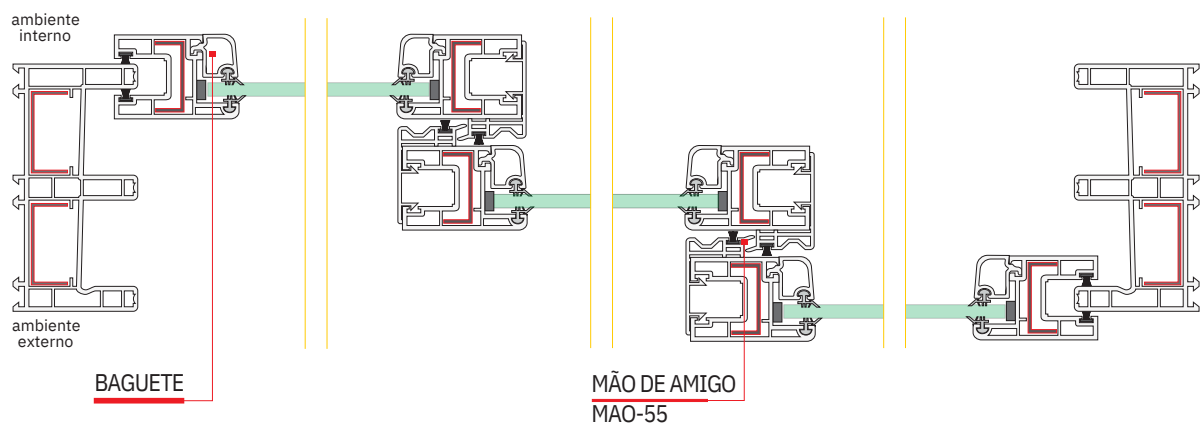
Janela de correr 3 folhas



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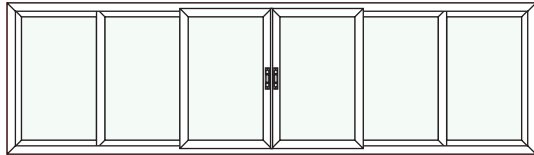


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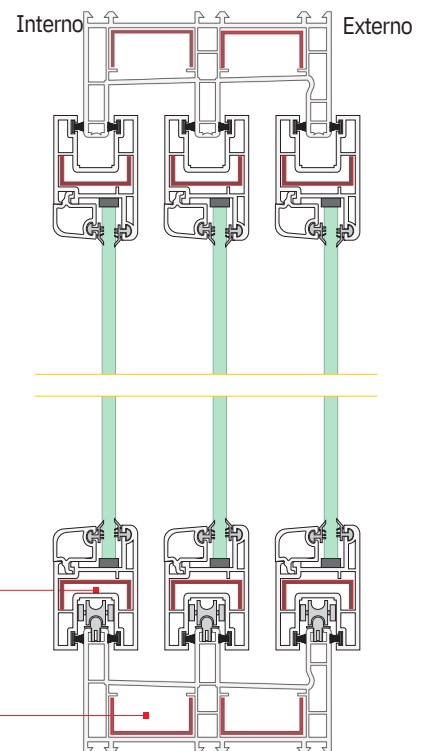


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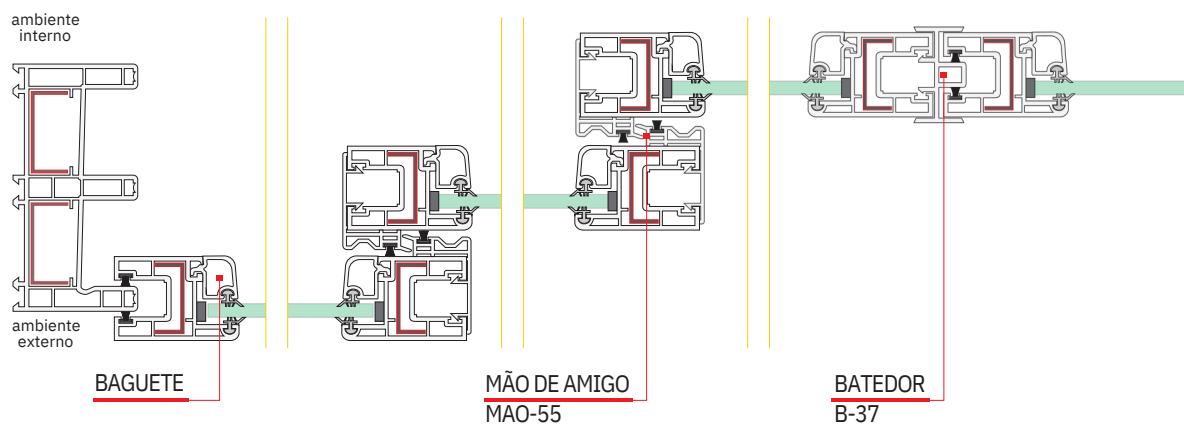
Janela de correr 6 folhas



CORTE VERTICAL

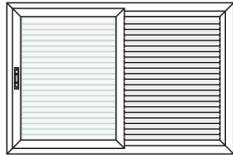


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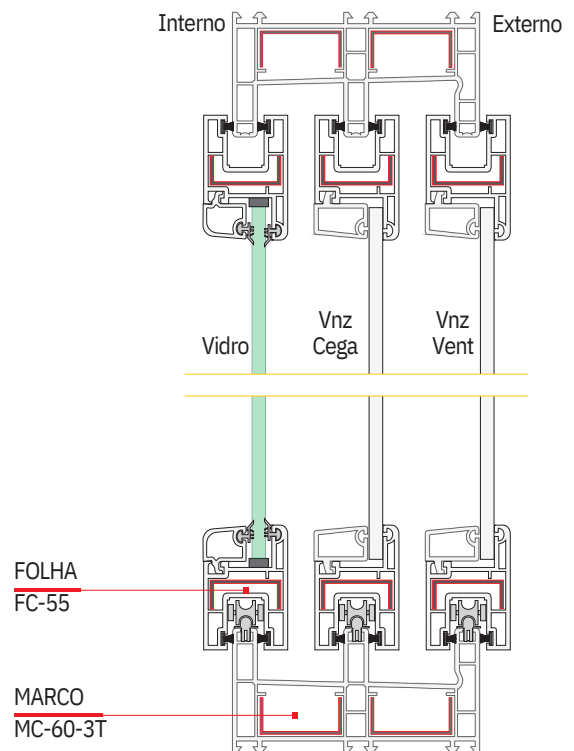


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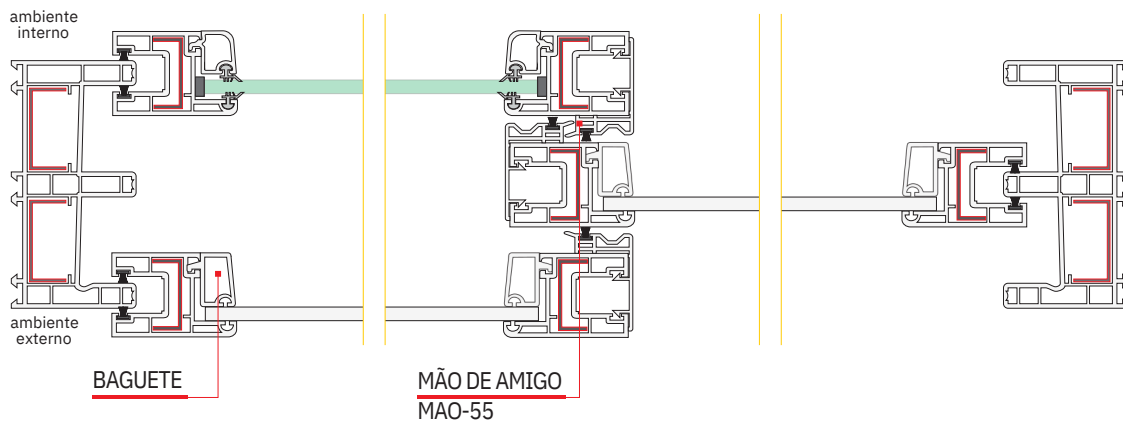
Janela de correr 3 folhas (1 vidro / 2 veneziana) / (2 vidro / 1 tela)



CORTE VERTICAL

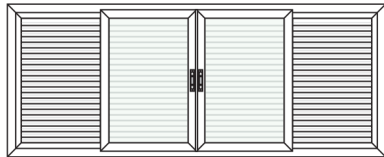


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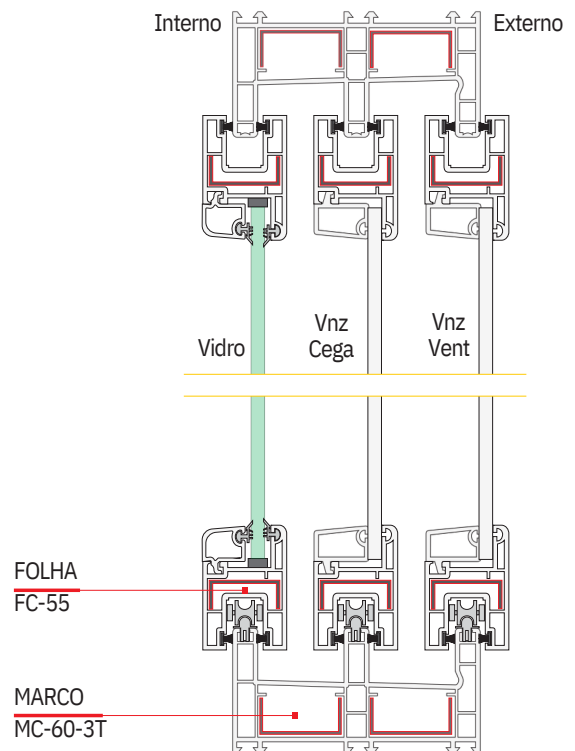


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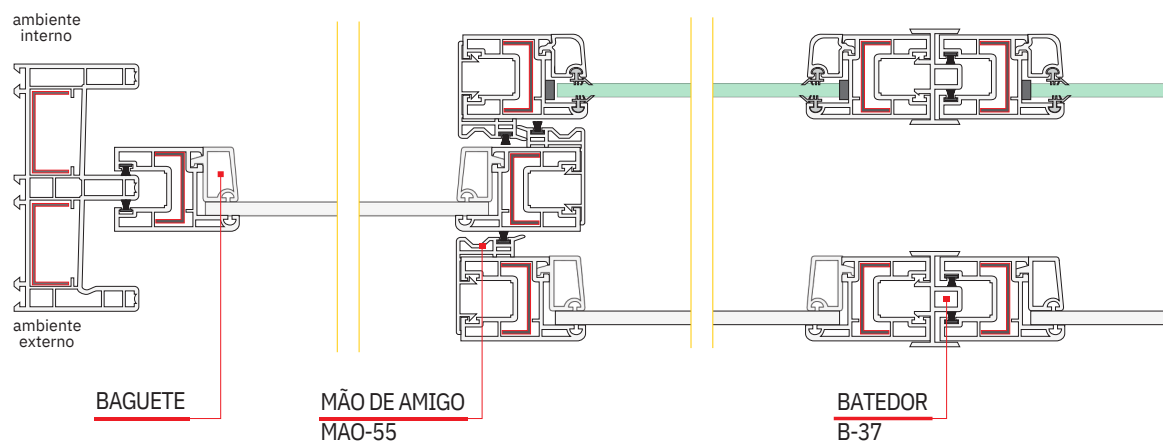
Janela de correr 6 folhas (2 vidro / 4 veneziana) / (4 vidro / 2 tela)



CORTE VERTICAL

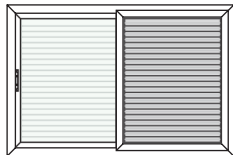


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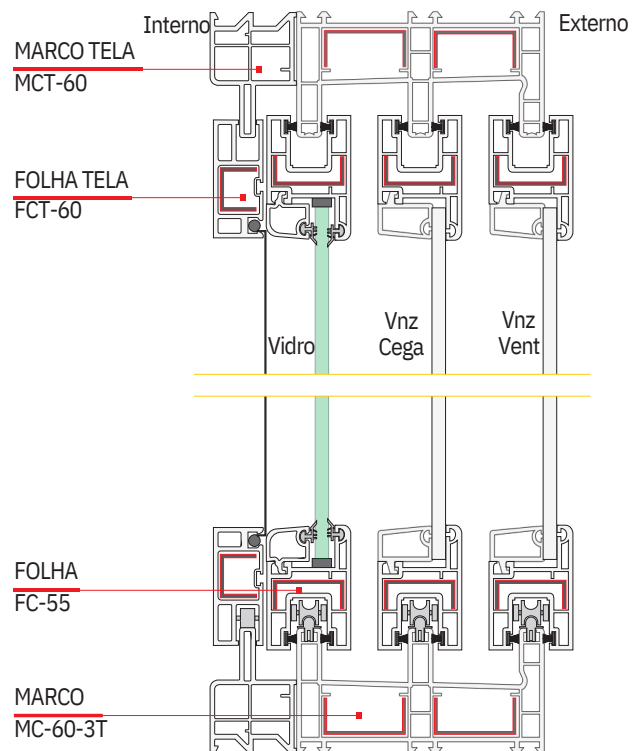


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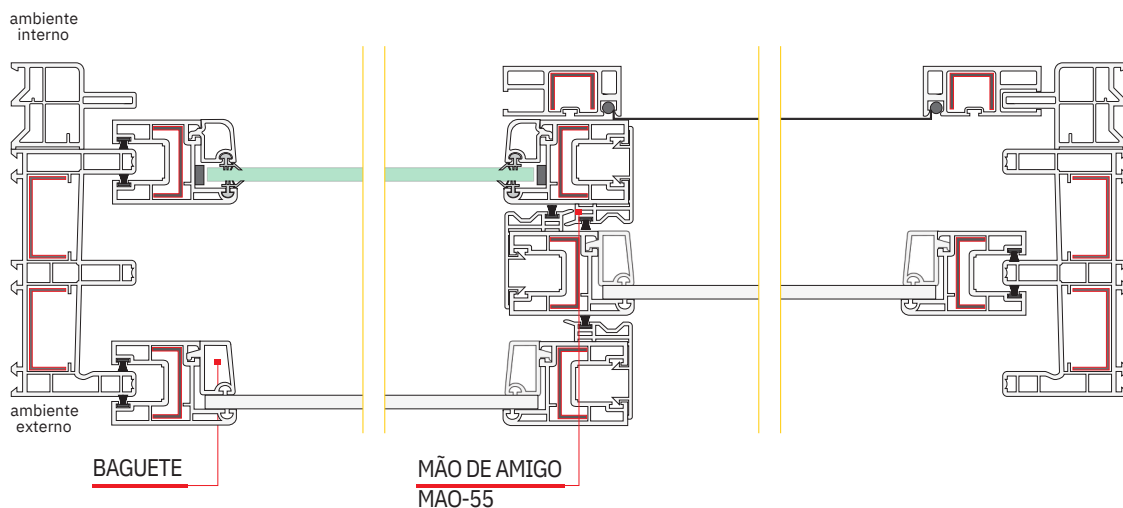
Janela de correr 3 folhas (1 vidro / 2 veneziana) com tela mosquiteiro (leve)



CORTE VERTICAL

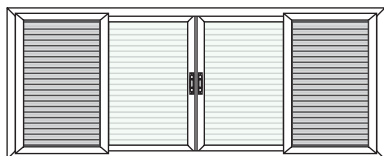


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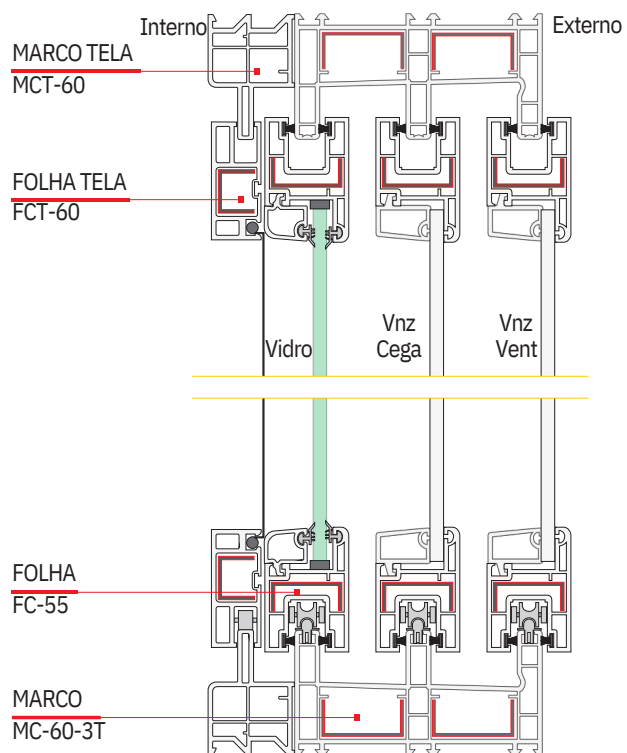


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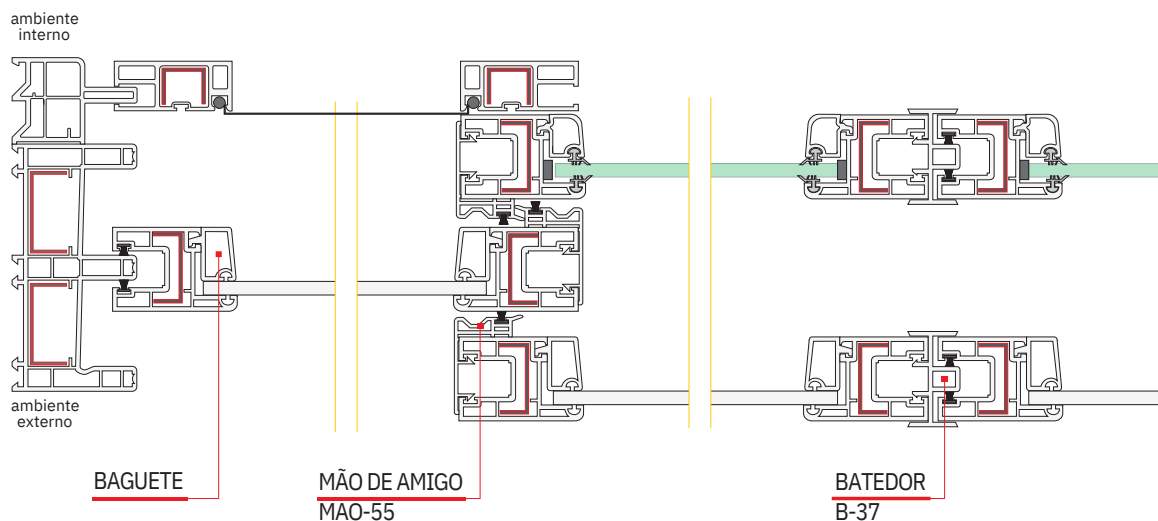
Janela de correr 6 folhas (2 vidro / 4 veneziana) com tela mosquiteiro (leve)



CORTE VERTICAL

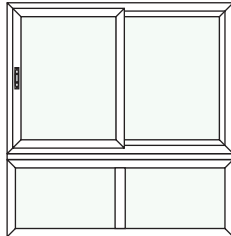


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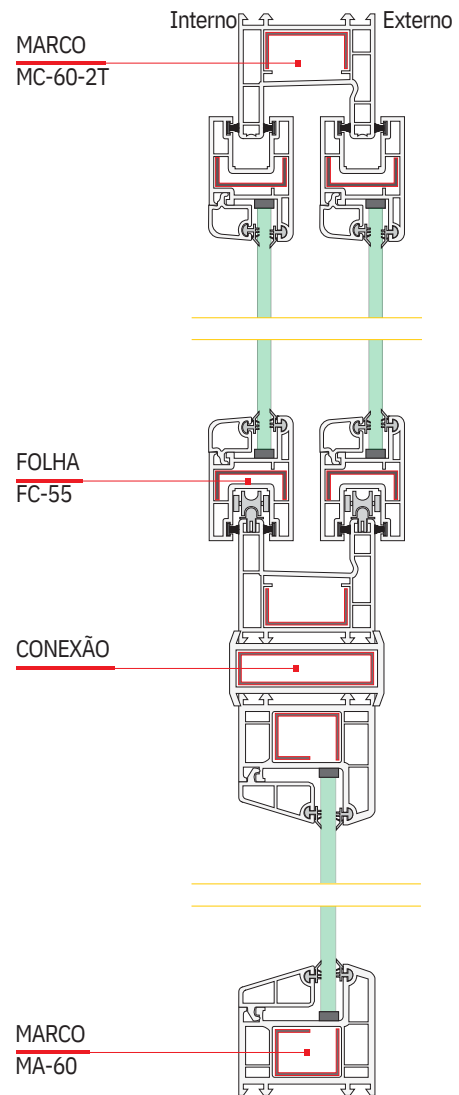


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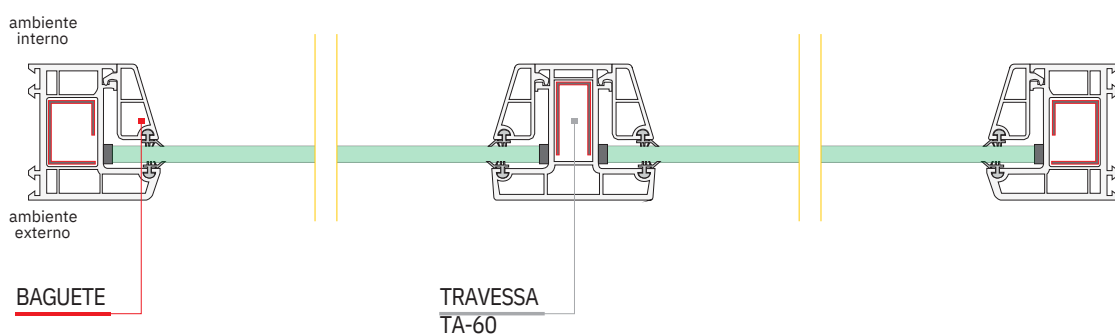
Janela de correr 2 / 4 folhas com bandeira / peitoril



CORTE VERTICAL

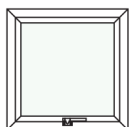


CORTE HORIZONTAL (PEITORIL)

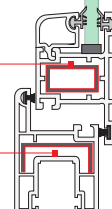
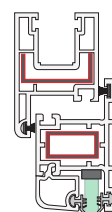


ESQUEMAS TÉCNICOS

Maximar



CORTE VERTICAL



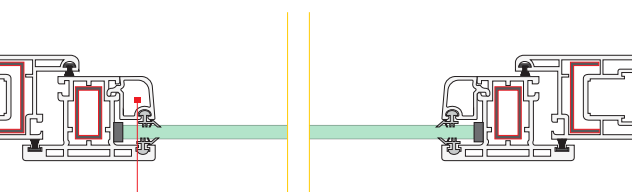
FOLHA
TC-55

MARCO
FC-55

CORTE HORIZONTAL

ambiente
interno

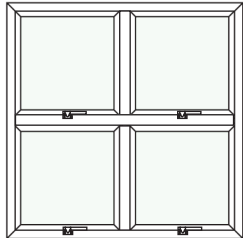
ambiente
externo



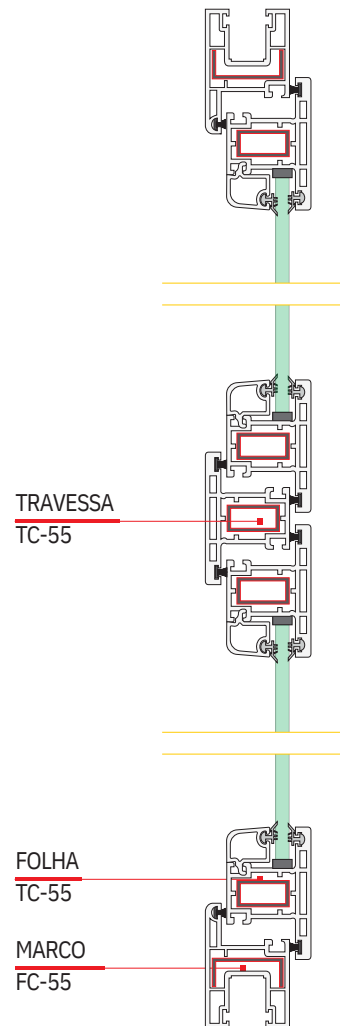
BAGUETE

ESQUEMAS TÉCNICOS

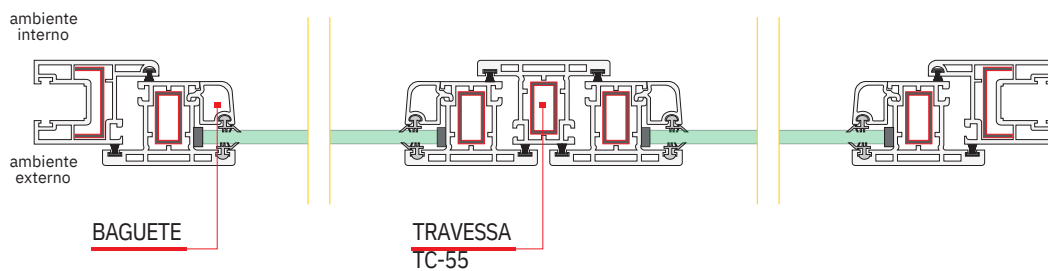
Maximar n folhas (com travessa)



CORTE VERTICAL

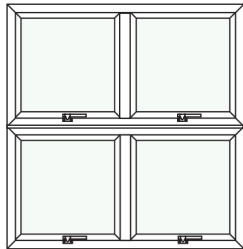


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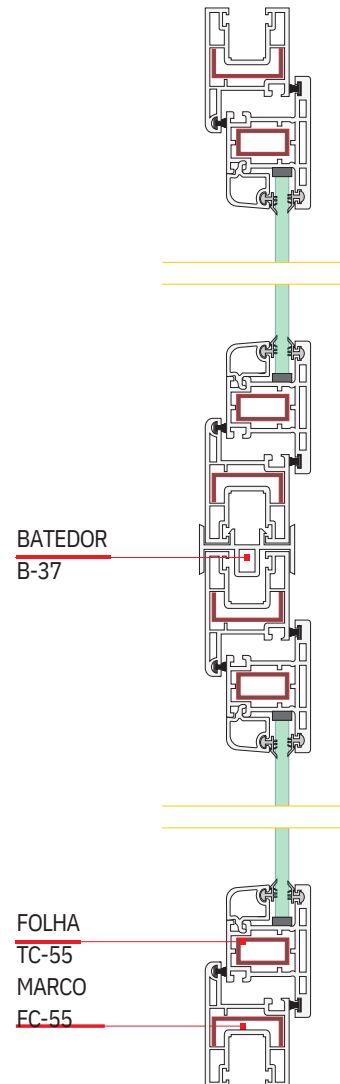


ESQUEMAS TÉCNICOS

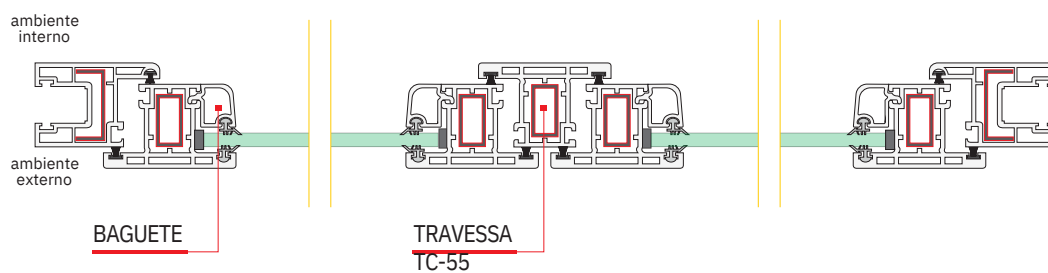
Maximar n folhas (com conexão)



CORTE VERTICAL

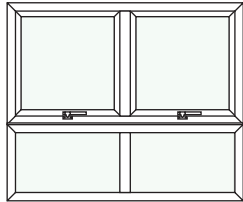


CORTE HORIZONTAL



ESQUEMAS TÉCNICOS

Maximar n folhas com peitoril / bandeira (com conexão)



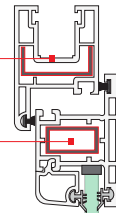
CORTE VERTICAL

MARCO

FC-55

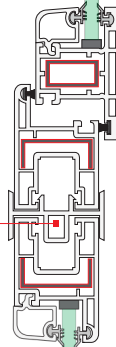
FOLHA

TC-55



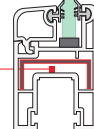
BATEDOR

B-37



MARCO

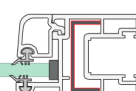
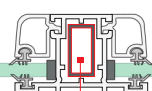
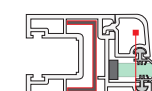
FC-55



CORTE HORIZONTAL (PEITORIL)

ambiente interno

ambiente externo

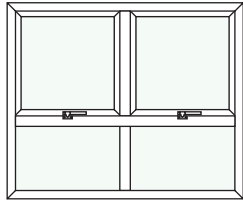


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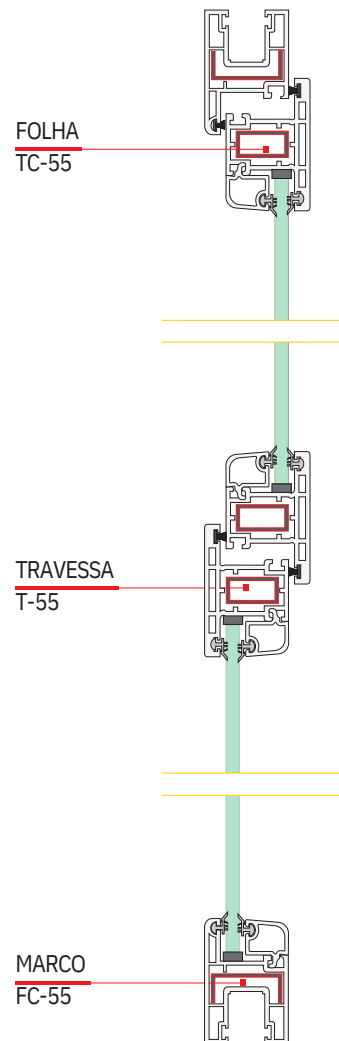
TRAVESSA
TC-55

ESQUEMAS TÉCNICOS

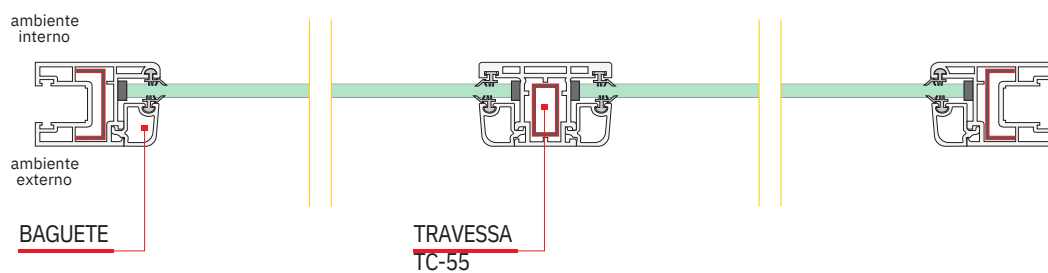
Maximar 2 folhas / n folhas com peitoril / bandeira (com travessa)



CORTE VERTICAL

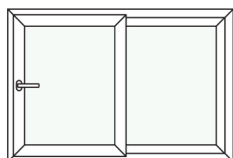


CORTE HORIZONTAL (PEITORIL)

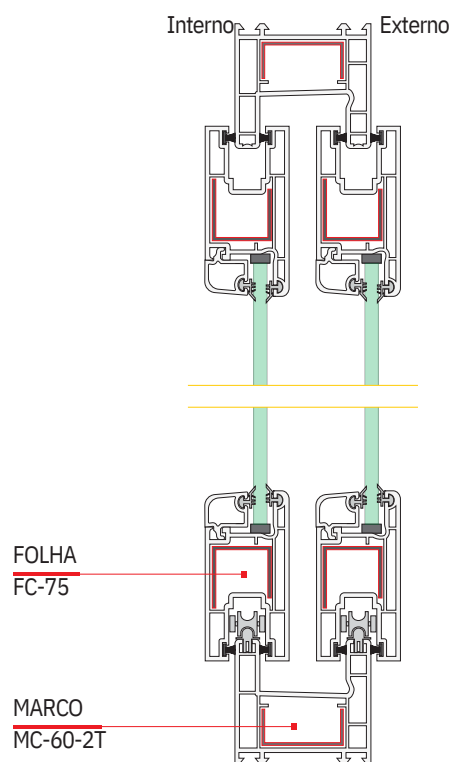


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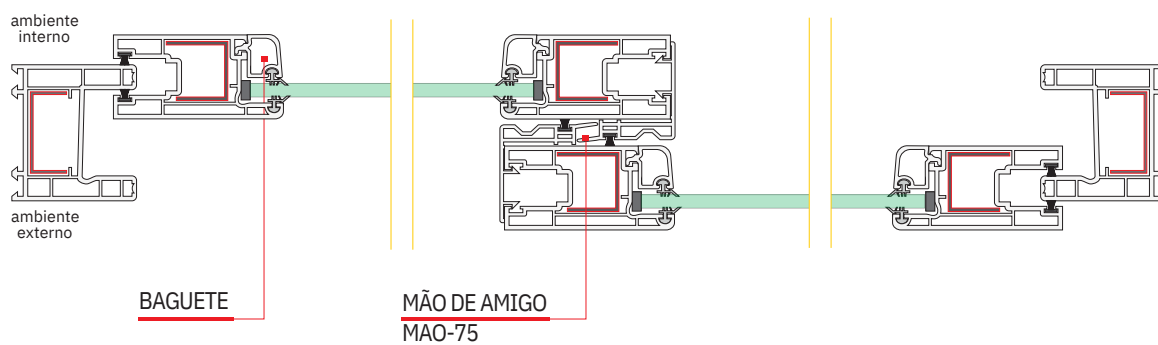
Janela / Porta de correr 2 folhas



CORTE VERTICAL

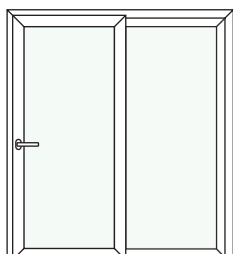


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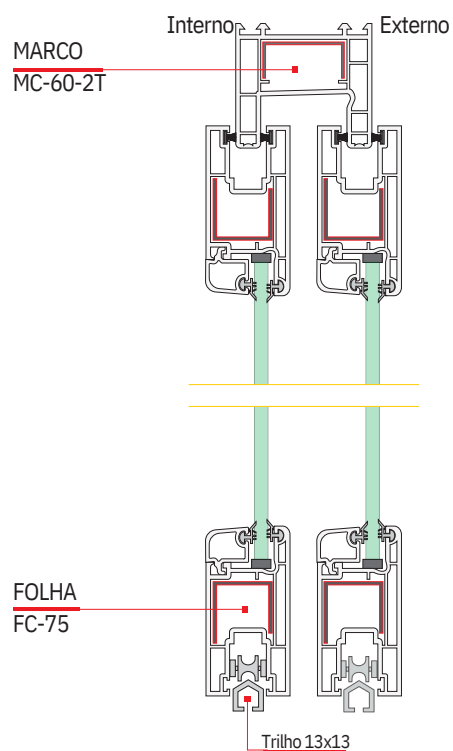


ESQUEMAS TÉCNICOS

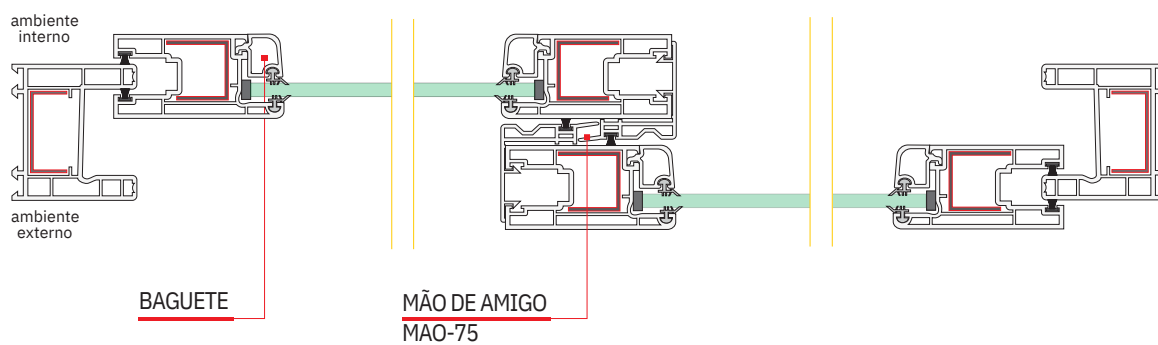
Porta de correr n folhas sem marco inferior



CORTE VERTICAL

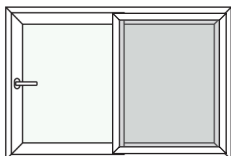


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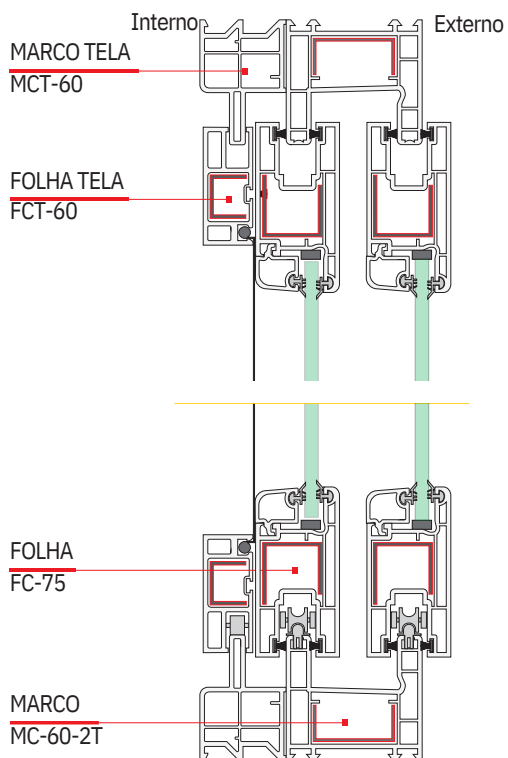


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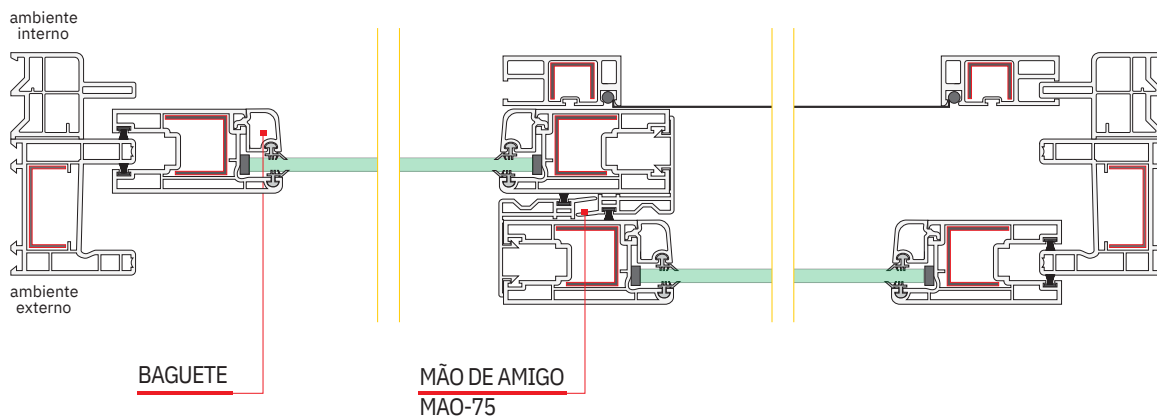
Janela / Porta de correr 2 folhas com tela mosquiteiro



CORTE VERTICAL

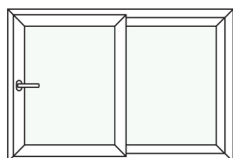


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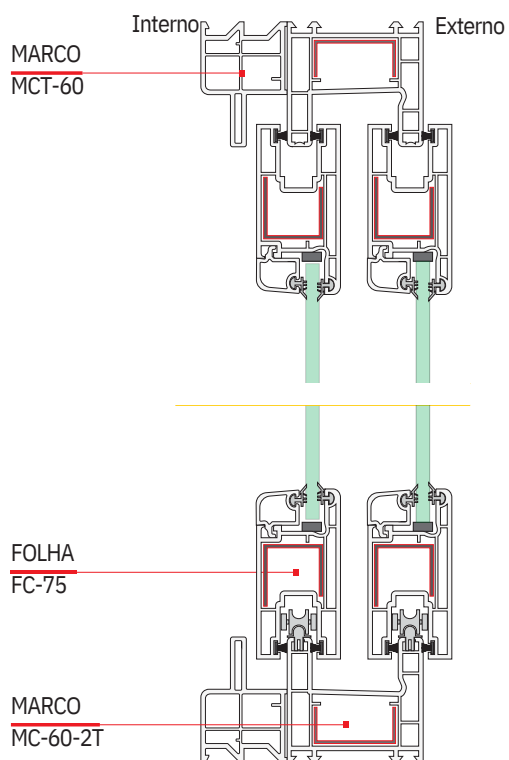


ESQUEMAS TÉCNICOS

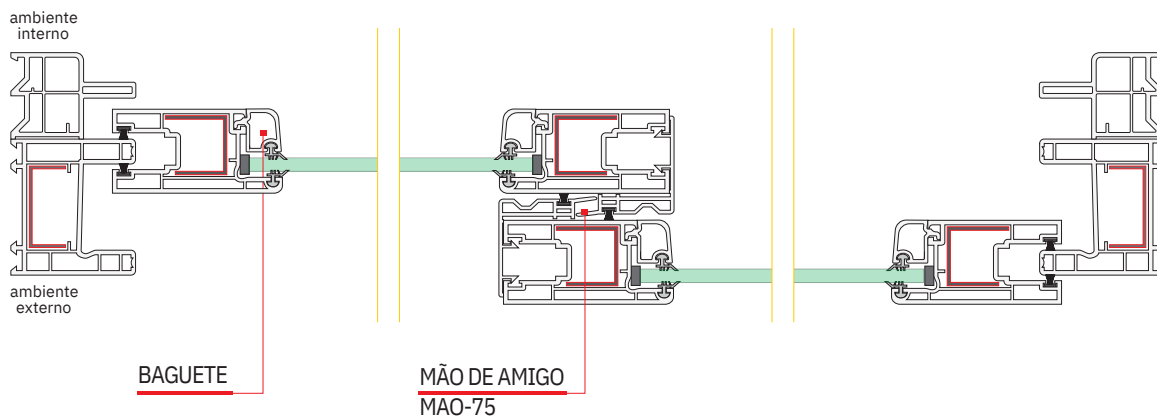
Janela / Porta de correr 2 folhas Acústica



CORTE VERTICAL

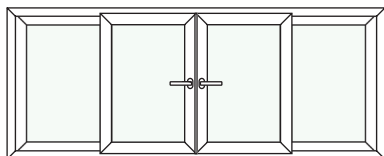


CORTE HORIZONTAL

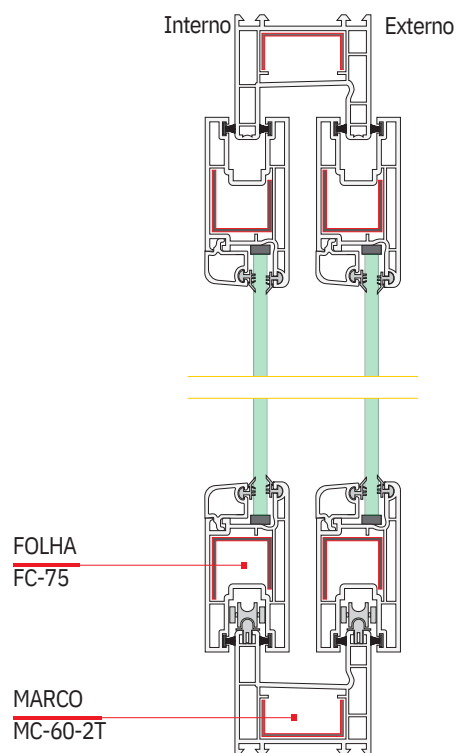


ESQUEMAS TÉCNICOS

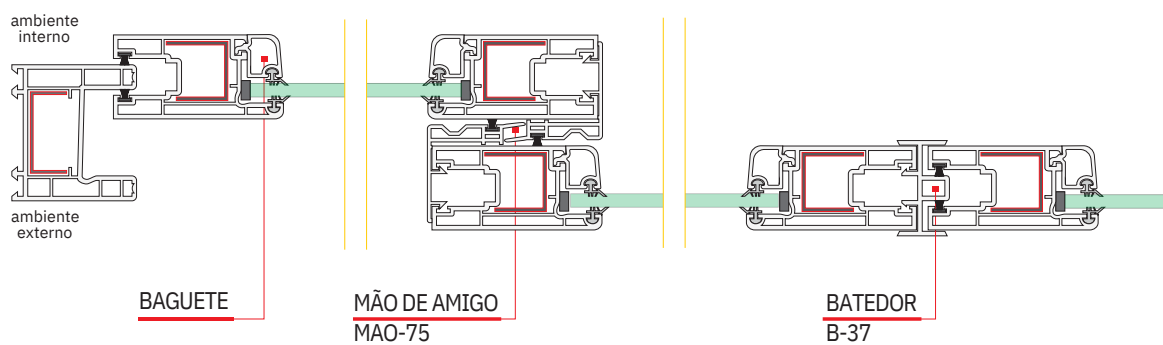
Janela / Porta de correr 4 folhas



CORTE VERTICAL

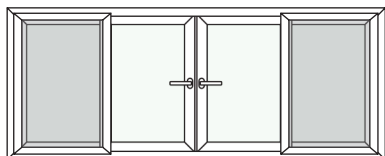


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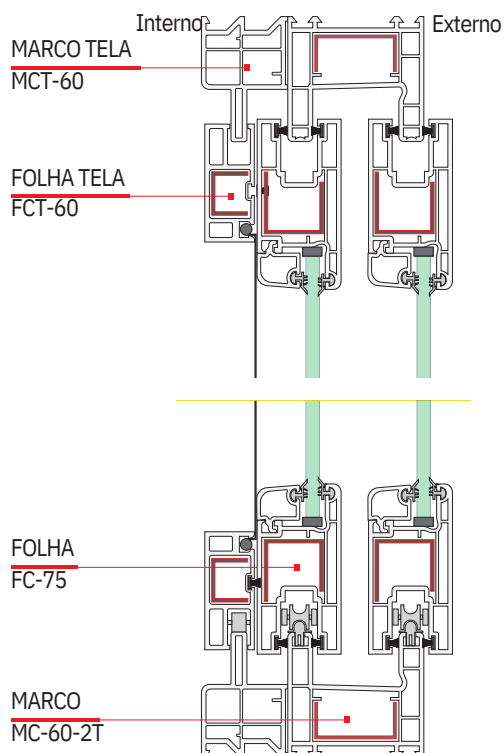


ESQUEMAS TÉCNICOS

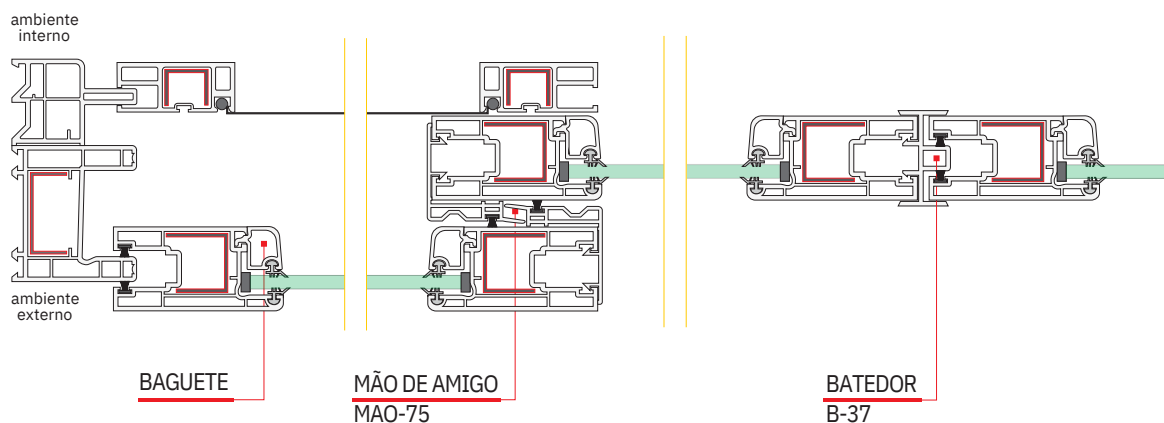
Janela / Porta de correr 4 folhas com tela mosquiteiro (leve)



CORTE VERTICAL

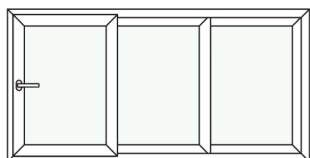


CORTE HORIZONTAL

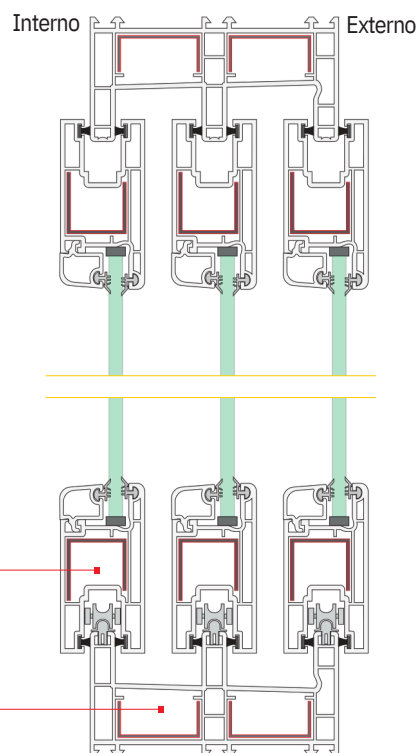


ESQUEMAS TÉCNICOS

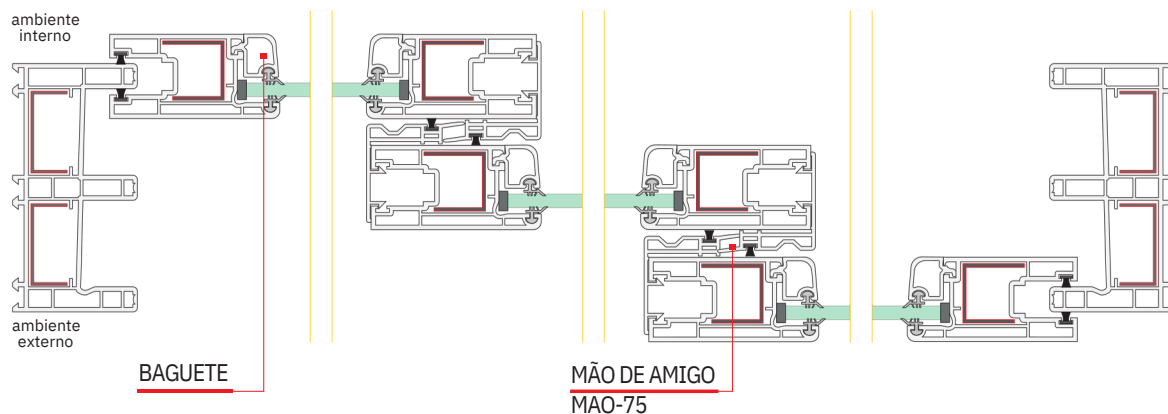
Janela / Porta de correr 3 folhas



CORTE VERTICAL

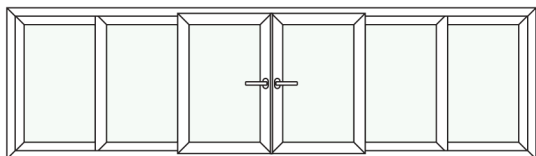


CORTE HORIZONTAL

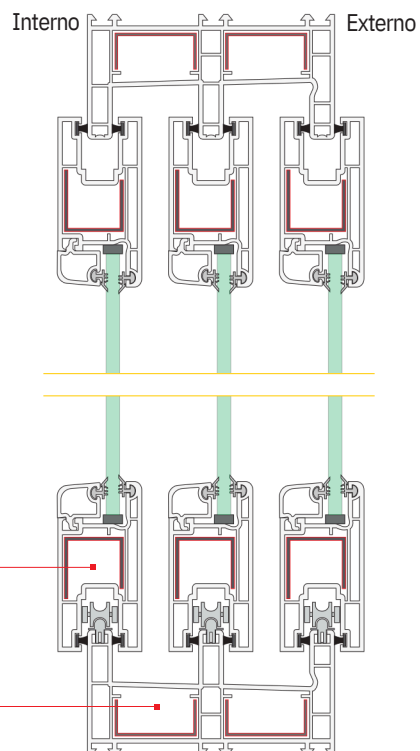


ESQUEMAS TÉCNICOS

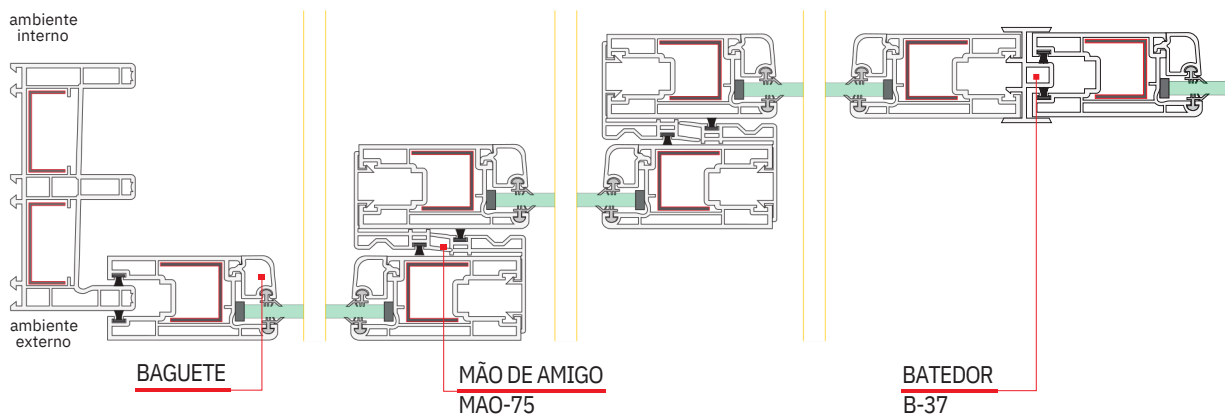
Janela / Porta de correr 6 folhas



CORTE VERTICAL

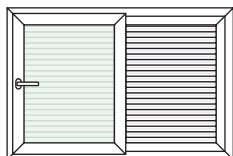


CORTE HORIZONTAL

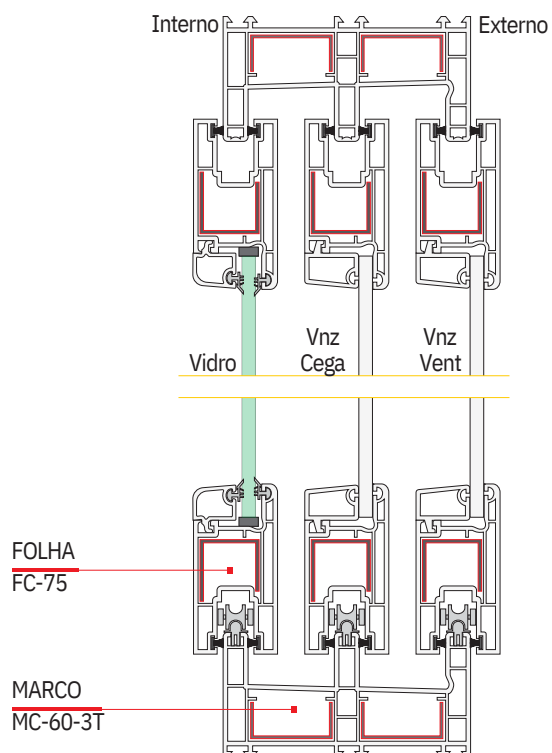


ESQUEMAS TÉCNICOS

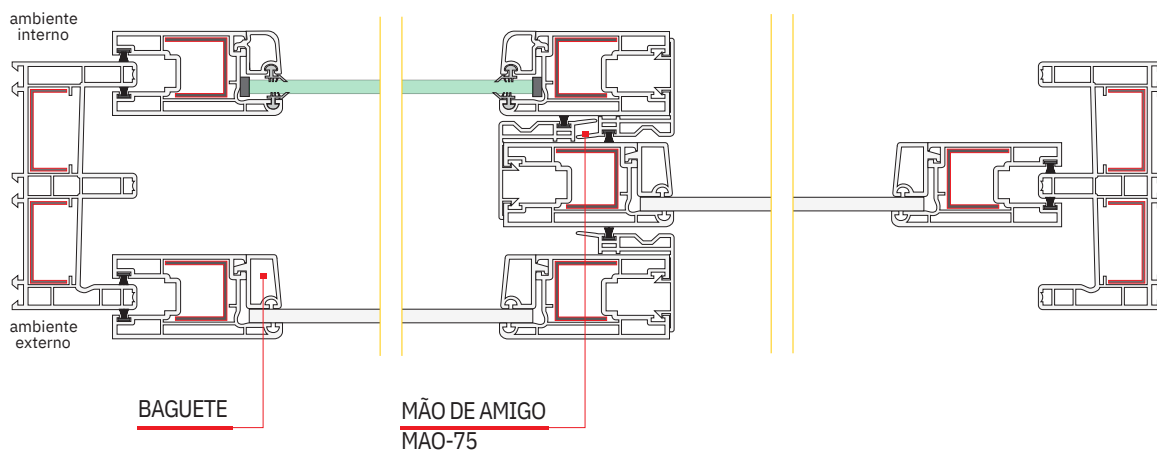
Janela / Porta de correr 3 folhas (1 vidro / 2 veneziana) / (2 vidro / 1 tela)



CORTE VERTICAL

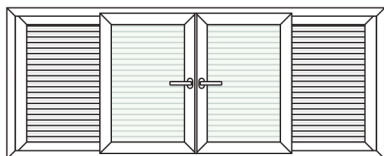


CORTE HORIZONTAL

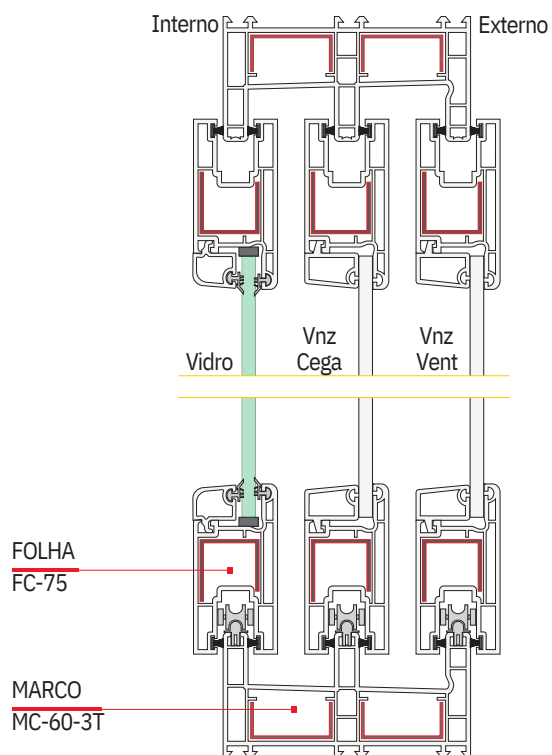


ESQUEMAS TÉCNICOS

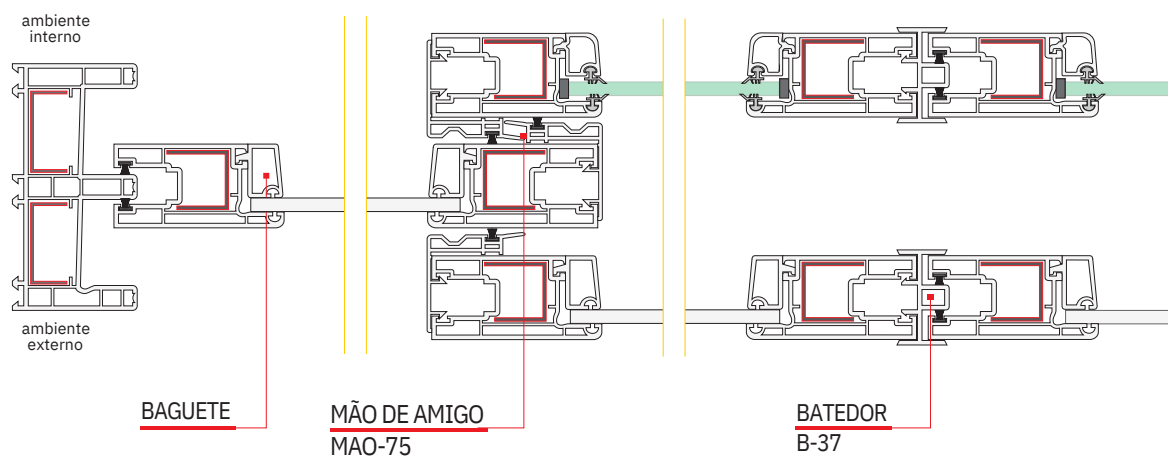
Janela / Porta de correr 6 folhas (2 vidro / 4 veneziana) / (4 vidro / 2 tela)



CORTE VERTICAL

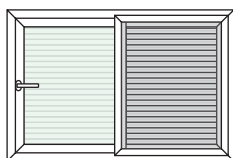


CORTE HORIZONTAL

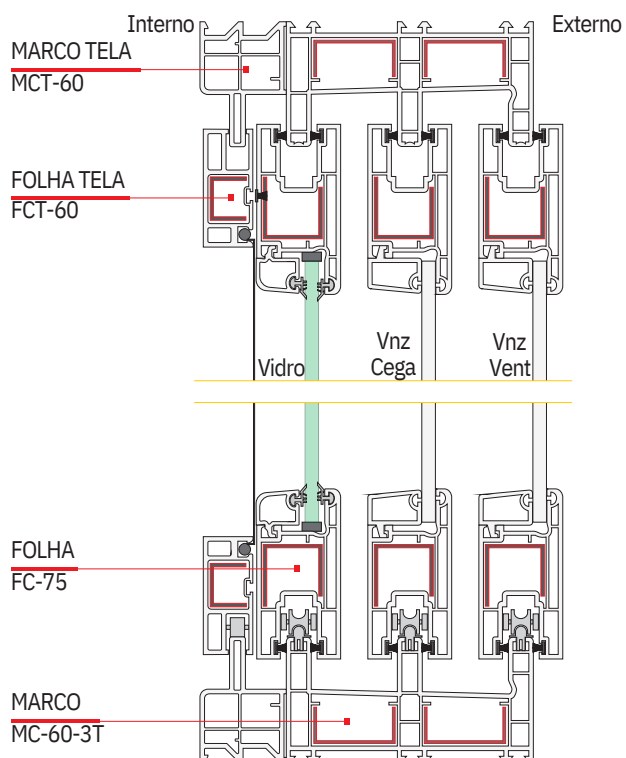


ESQUEMAS TÉCNICOS

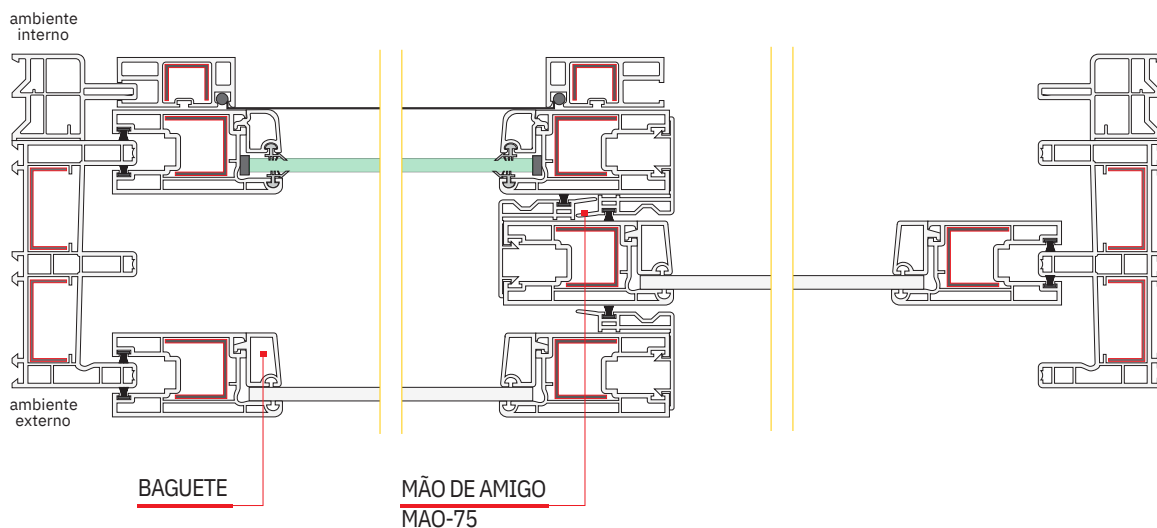
Janela / Porta de correr 3 folhas (1 vidro / 2 veneziana) com tela (leve)



CORTE VERTICAL

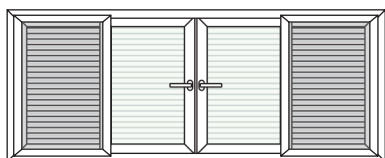


CORTE HORIZONTAL

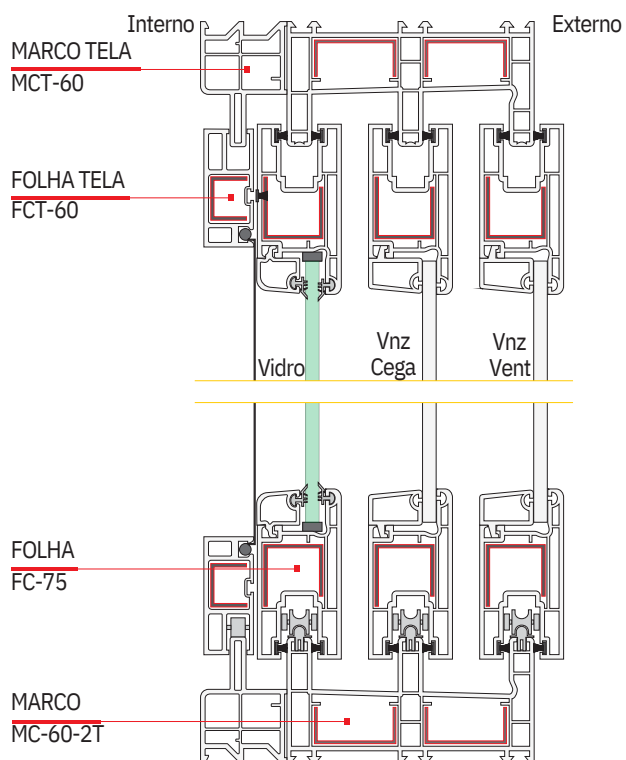


ESQUEMAS TÉCNICOS

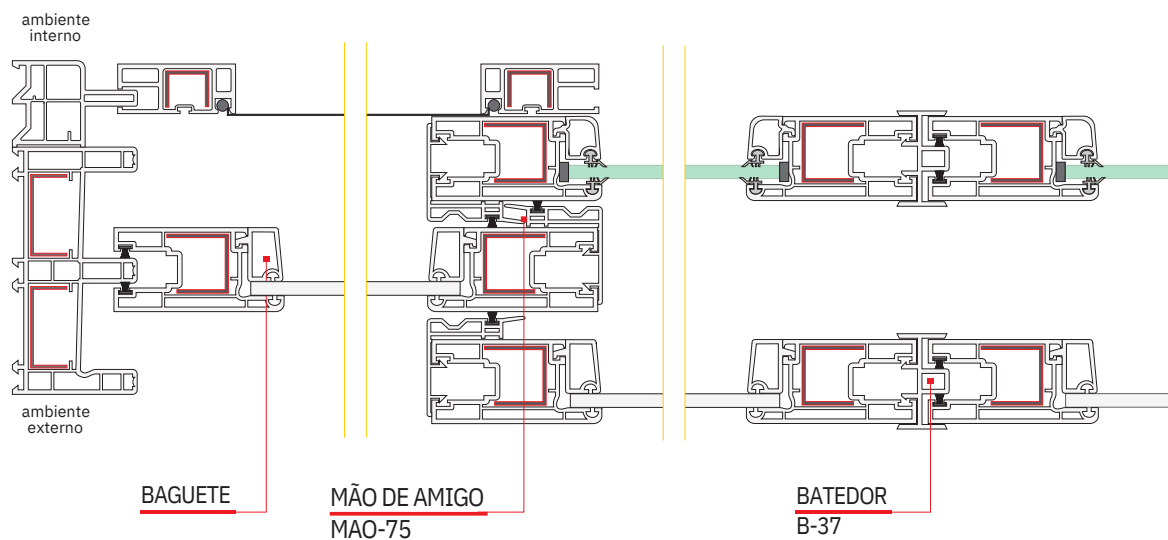
Janela / Porta de correr 6 folhas (2 vidro / 4 veneziana) com tela (leve)



CORTE VERTICAL

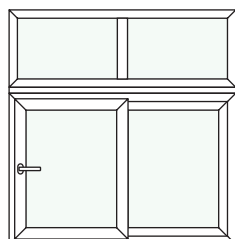


CORTE HORIZONTAL



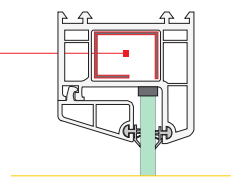
ESQUEMAS TÉCNICOS

Janela / Porta de correr 2 / 4 folhas com bandeira / peitoril

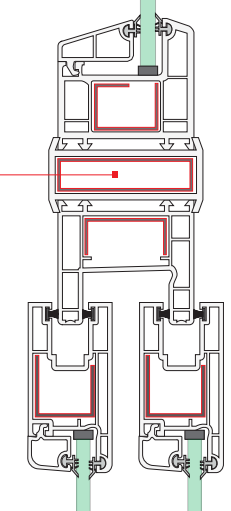


CORTE VERTICAL

MARCO
MA-60

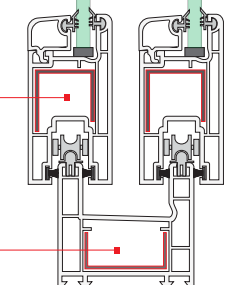


CONEXÃO



FOLHA
FC-75

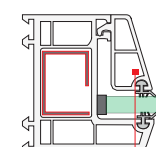
MARCO
MC-60-2T



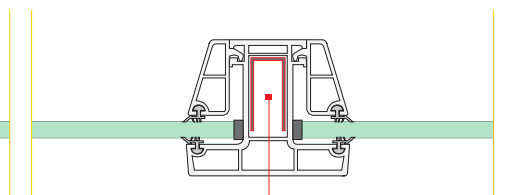
CORTE HORIZONTAL (BANDEIRA)

ambiente
interno

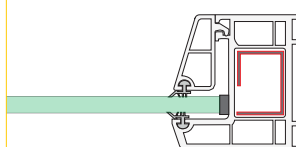
ambiente
externo



BAGUETE

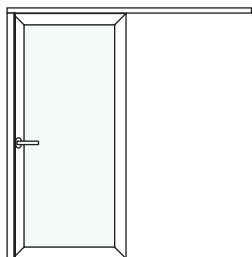


TRAVESSA
TA-60

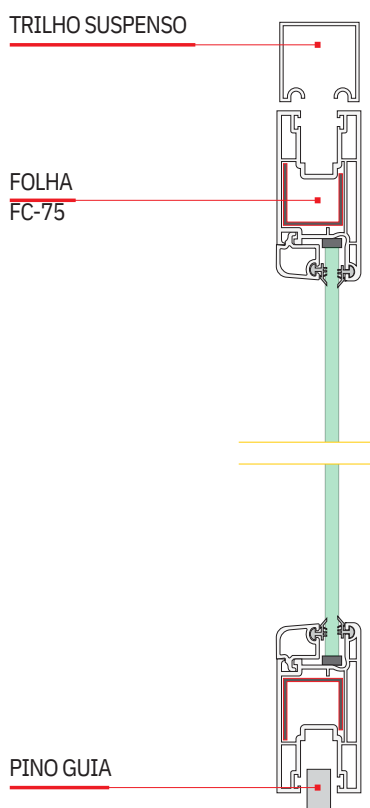


ESQUEMAS TÉCNICOS

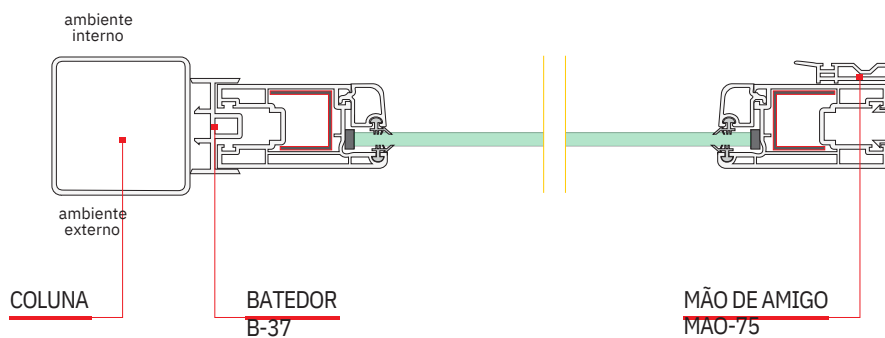
Porta de correr suspensa (sem marco)



CORTE VERTICAL

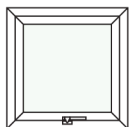


CORTE HORIZONTAL

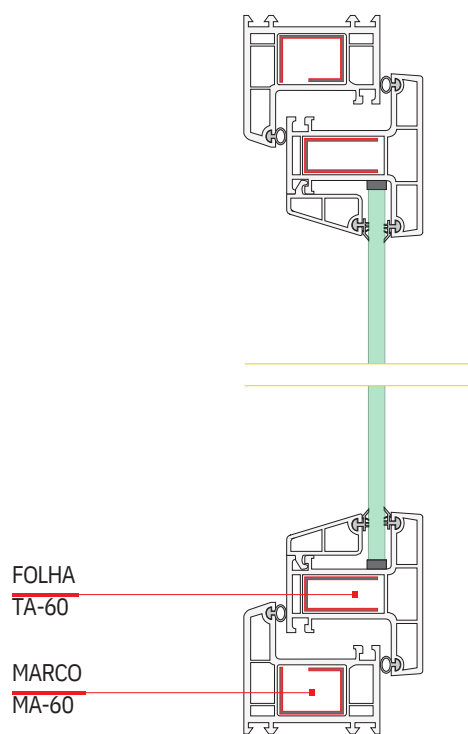


ESQUEMAS TÉCNICOS

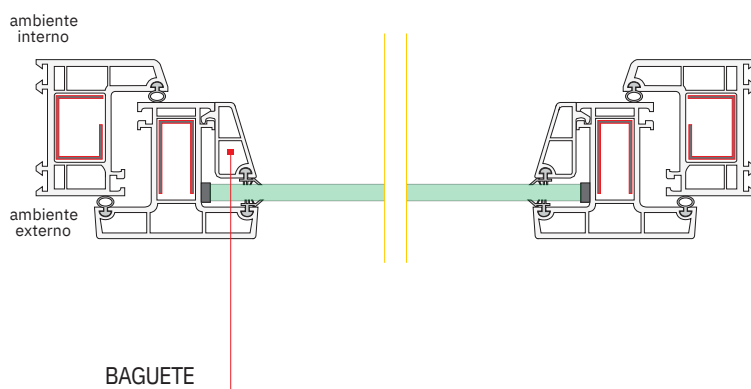
Maximar



CORTE VERTICAL

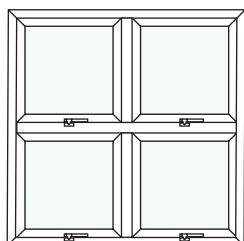


CORTE HORIZONTAL

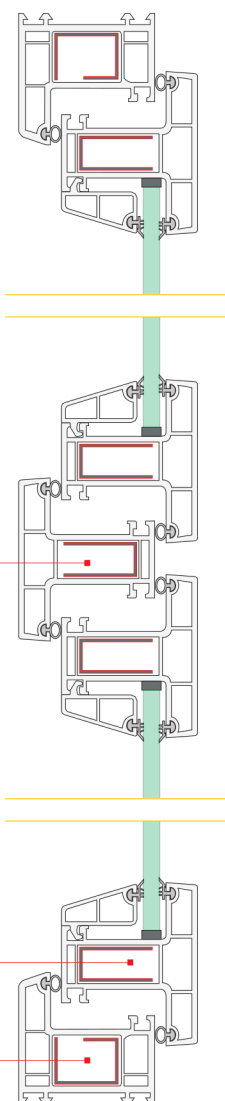


ESQUEMAS TÉCNICOS

Maximar n folhas (com travessa)



CORTE VERTICAL

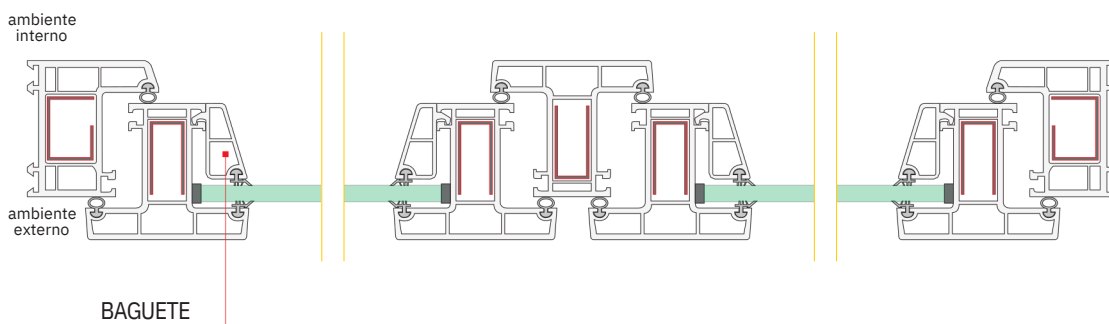


TRAVESSA
TA-60

FOLHA
TA-60

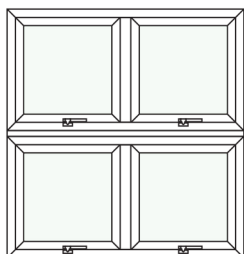
MARCO
MA-60

CORTE HORIZONTAL

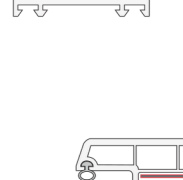
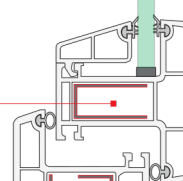
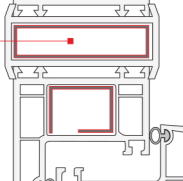
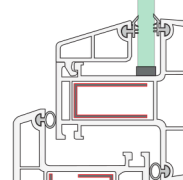
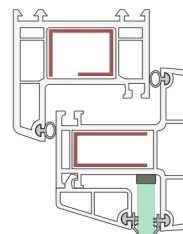


ESQUEMAS TÉCNICOS

Maximar n folhas (com conexão)



CORTE VERTICAL



CONEXÃO

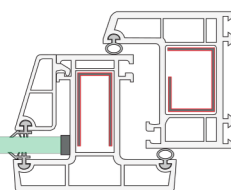
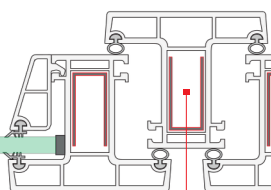
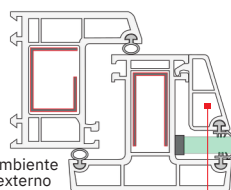
FOLHA
TA-60

MARCO
MA-60

CORTE HORIZONTAL

ambiente
interno

ambiente
externo

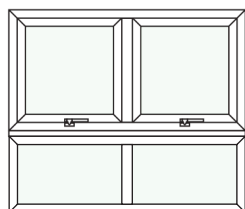


BAGUETE

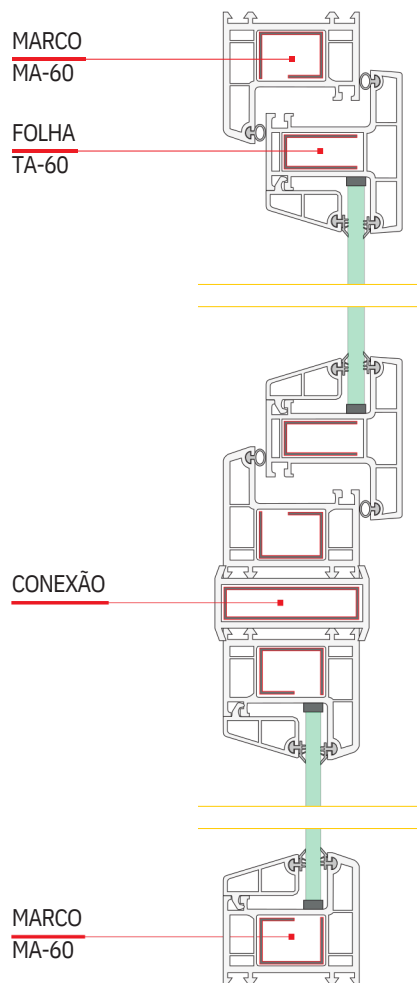
TRAVESSA
TA-60

ESQUEMAS TÉCNICOS

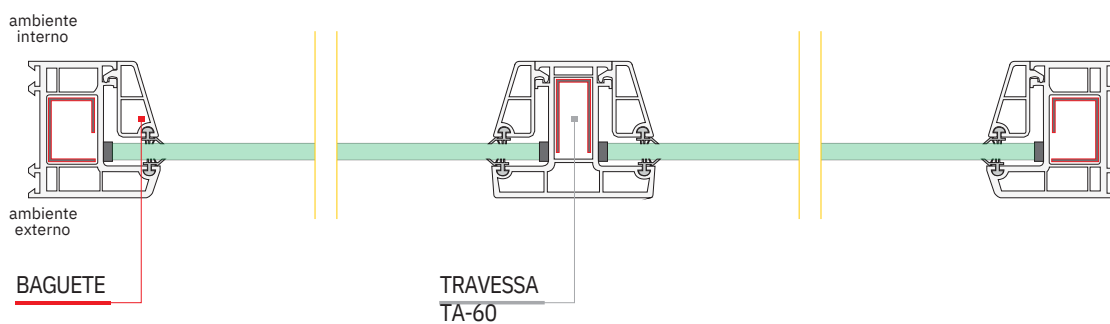
Maximar n folhas com bandeira / peitoril (com conexão)



CORTE VERTICAL

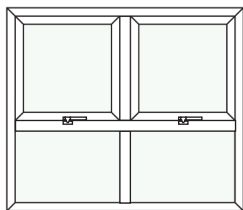


CORTE HORIZONTAL (PEITORIL)

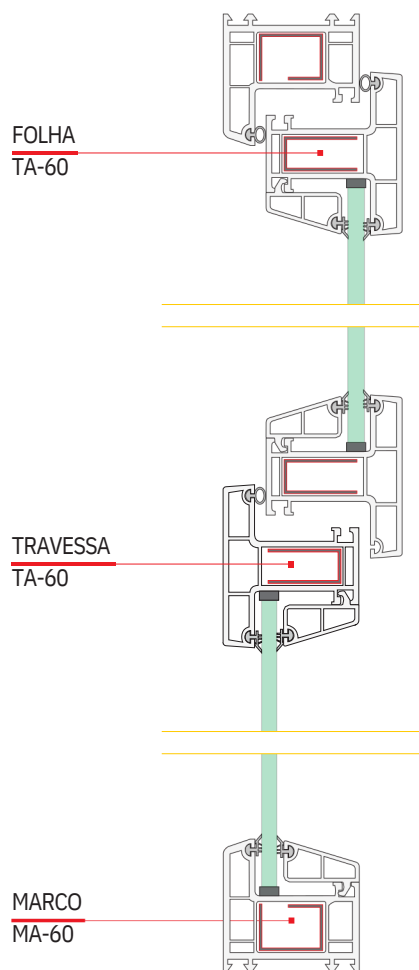


ESQUEMAS TÉCNICOS

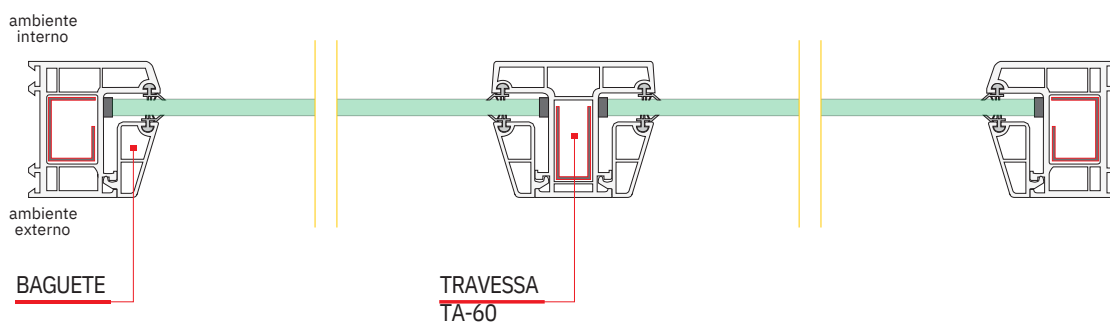
Maximar n folhas com bandeira / peitoril (com travessa)



CORTE VERTICAL

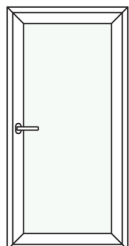


CORTE HORIZONTAL (PEITORIL)

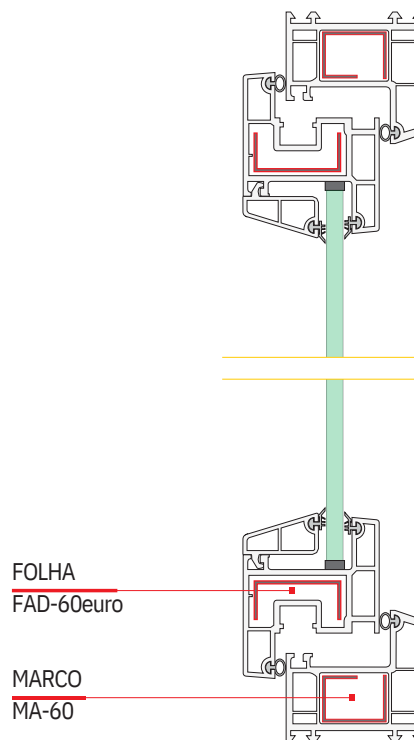


ESQUEMAS TÉCNICOS

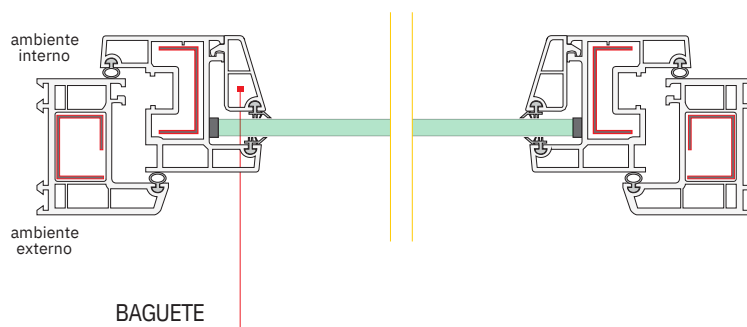
Janela de abrir (para dentro) / oscilobatente



CORTE VERTICAL

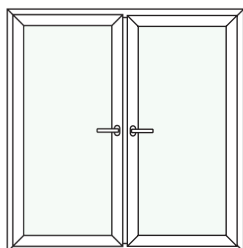


CORTE HORIZONTAL

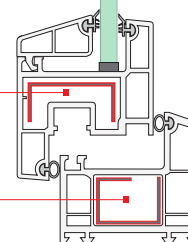
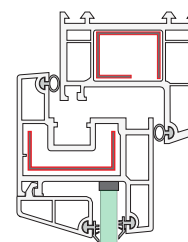


ESQUEMAS TÉCNICOS

Janela de abrir (para dentro) 2 folhas



CORTE VERTICAL

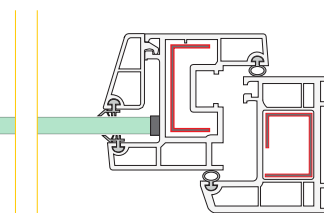
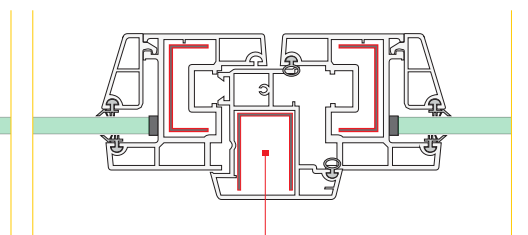
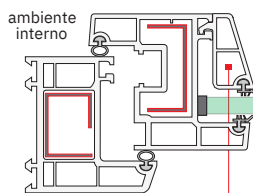


FOLHA
FAD-60euro

MARCO
MA-60

CORTE HORIZONTAL

ambiente interno
ambiente externo

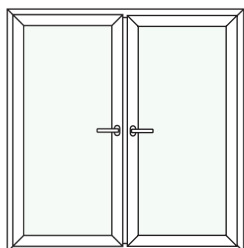


BAGUETE

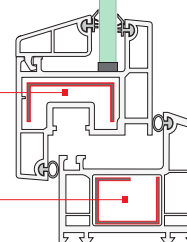
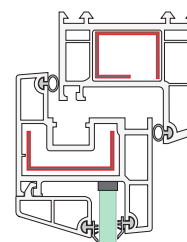
TRAVESSA FALSA
TFA-60

ESQUEMAS TÉCNICOS

Janela oscilobatente n folhas



CORTE VERTICAL



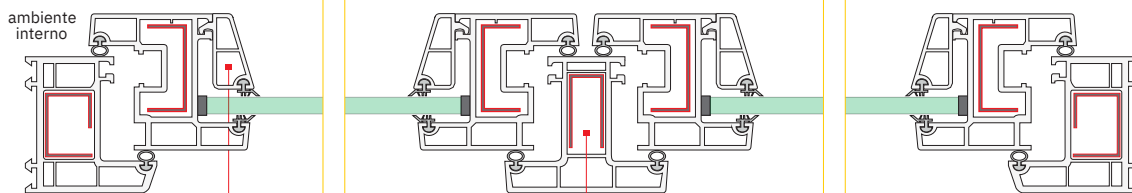
FOLHA
FAD-60euro

MARCO
MA-60

CORTE HORIZONTAL

ambiente interno

ambiente externo



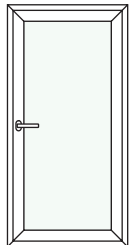
BAGUETE

TRAVESSA
TA-60

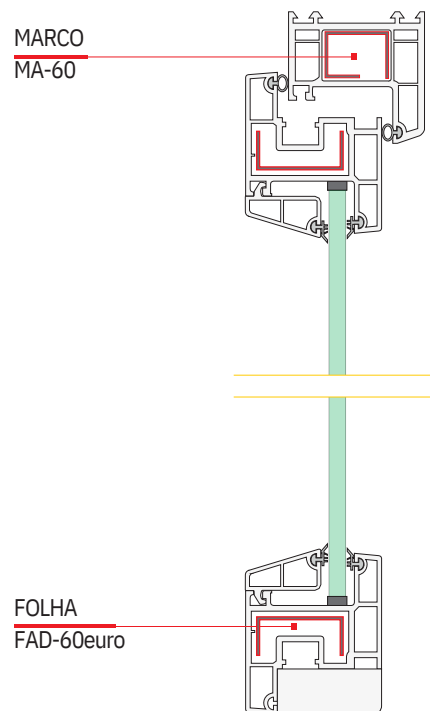


ESQUEMAS TÉCNICOS

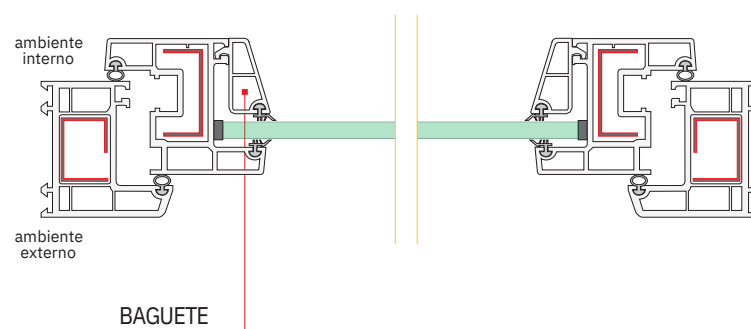
Janela de abrir (para dentro) sem marco inferior



CORTE VERTICAL

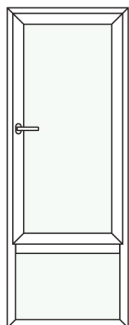


CORTE HORIZONTAL

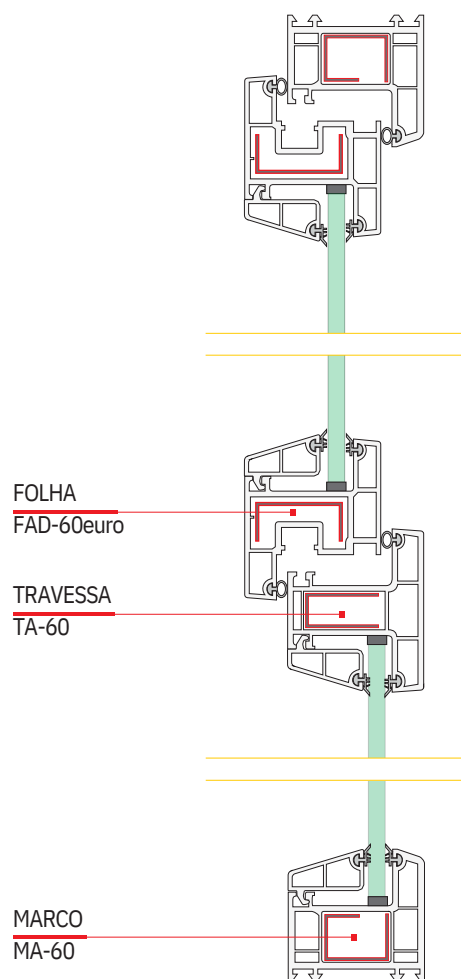


ESQUEMAS TÉCNICOS

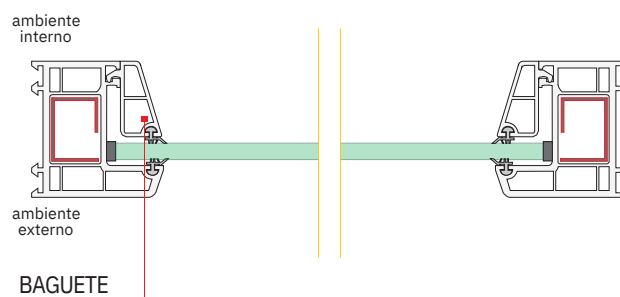
Janela de abrir (para dentro) / oscilobatente com bandeira / peitoril (travessa)



CORTE VERTICAL

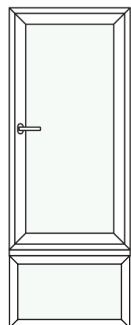


CORTE HORIZONTAL (PEITORIL)



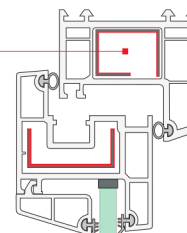
ESQUEMAS TÉCNICOS

Janela de abrir (para dentro) / oscilobatente com bandeira / peitoril (conexão)



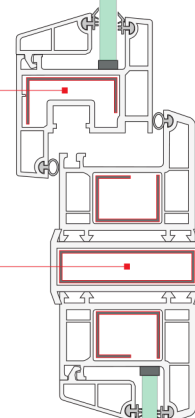
CORTE VERTICAL

MARCO
MA-60

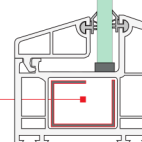


FOLHA
FAD-60euro

CONEXÃO

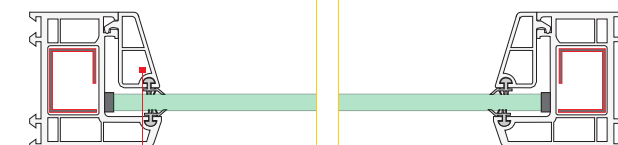


MARCO
MA-60



CORTE HORIZONTAL (PEITORIL)

ambiente
interno

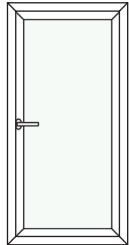


ambiente
externo

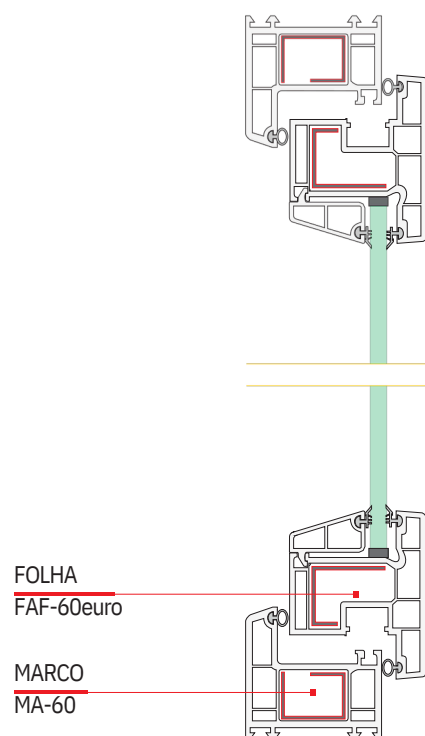
BAGUETE

ESQUEMAS TÉCNICOS

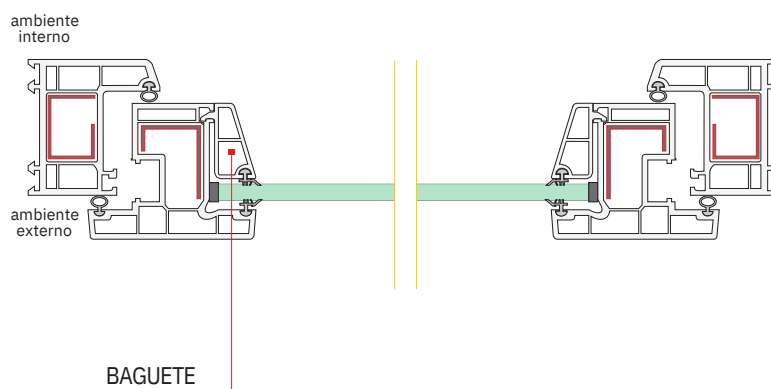
Janela de abrir (para fora)



CORTE VERTICAL

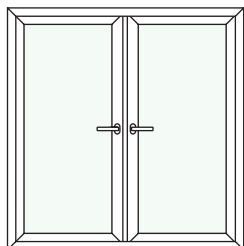


CORTE HORIZONTAL

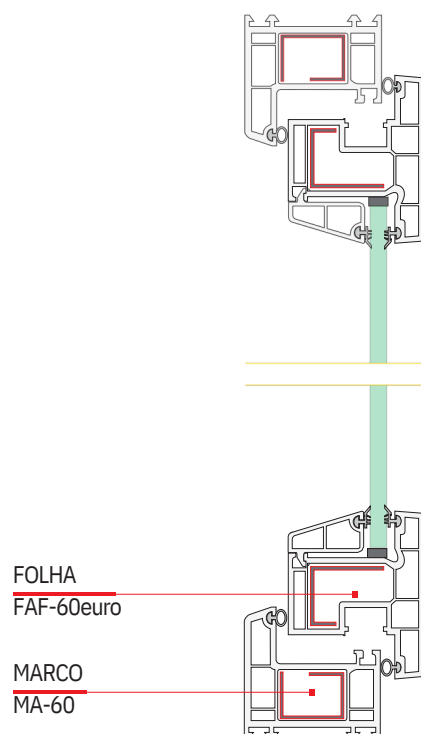


ESQUEMAS TÉCNICOS

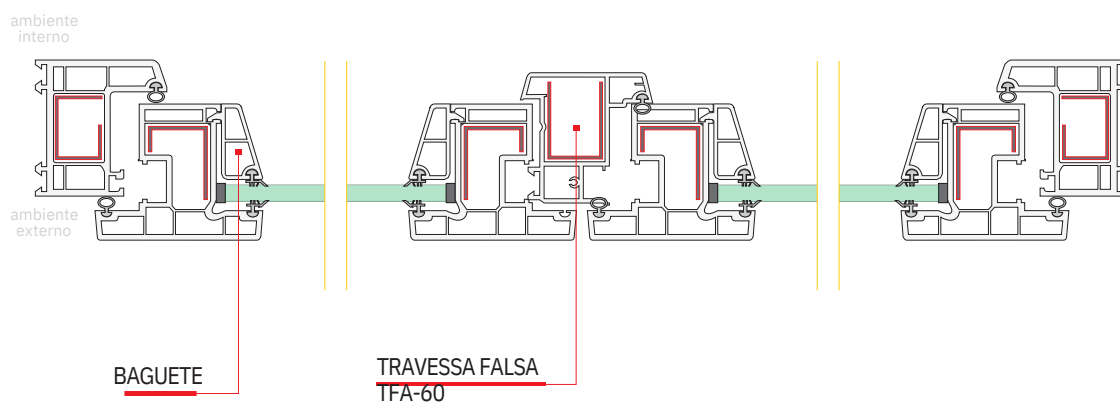
Janela de abrir (para fora) 2 folhas



CORTE VERTICAL

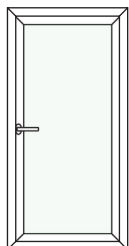


CORTE HORIZONTAL



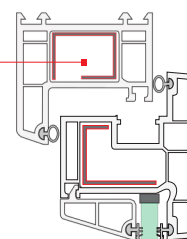
ESQUEMAS TÉCNICOS

Janela de abrir (para fora) sem marco inferior

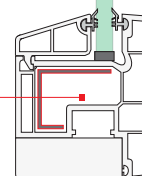


CORTE VERTICAL

MARCO
MA-60

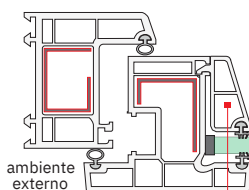


FOLHA
FAF-60euro



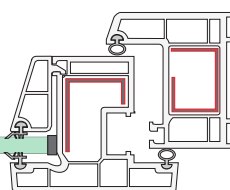
CORTE HORIZONTAL

ambiente
interno



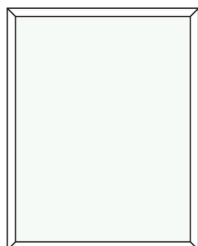
ambiente
externo

BAGUETE

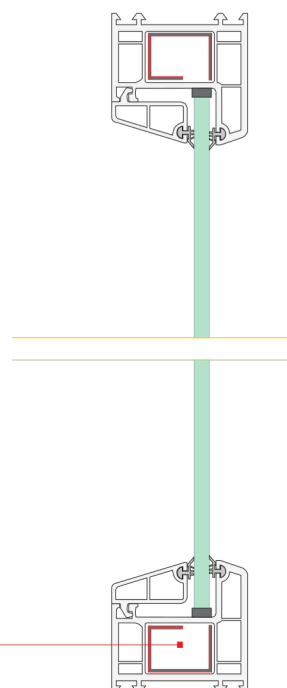


ESQUEMAS TÉCNICOS

Requadro fixo

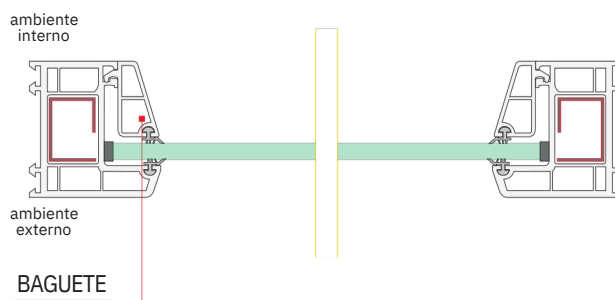


CORTE VERTICAL



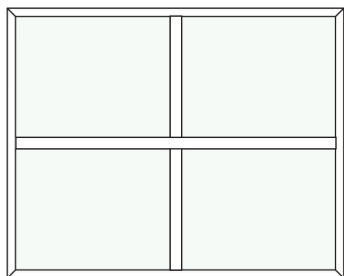
MARCO
MA-60

CORTE HORIZONTAL

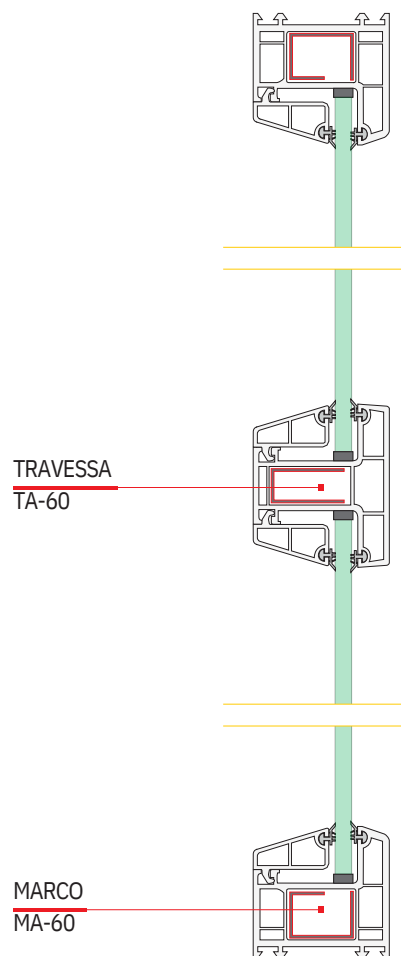


ESQUEMAS TÉCNICOS

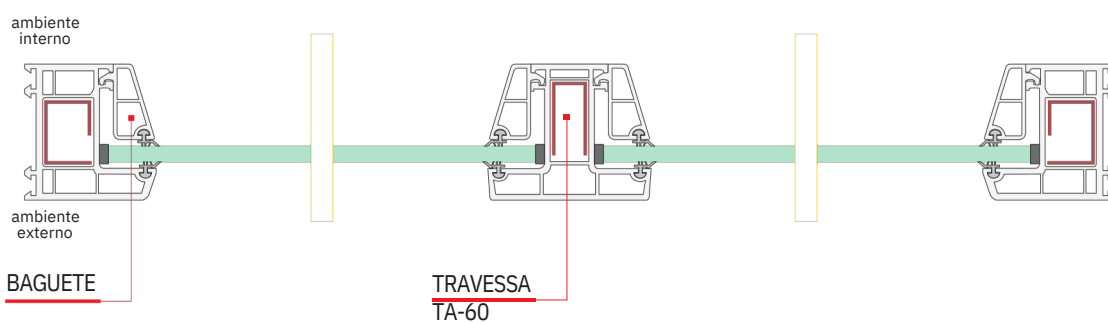
Requadro fixo n módulos (com travessa)



CORTE VERTICAL

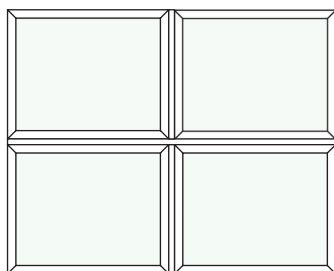


CORTE HORIZONTAL

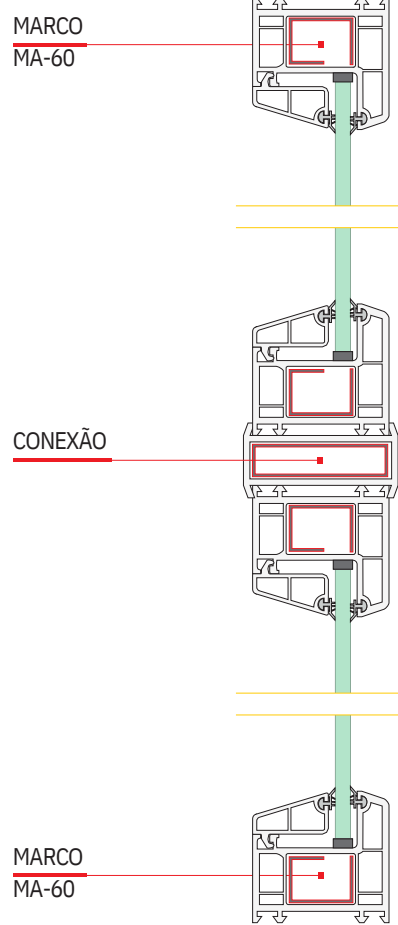


ESQUEMAS TÉCNICOS

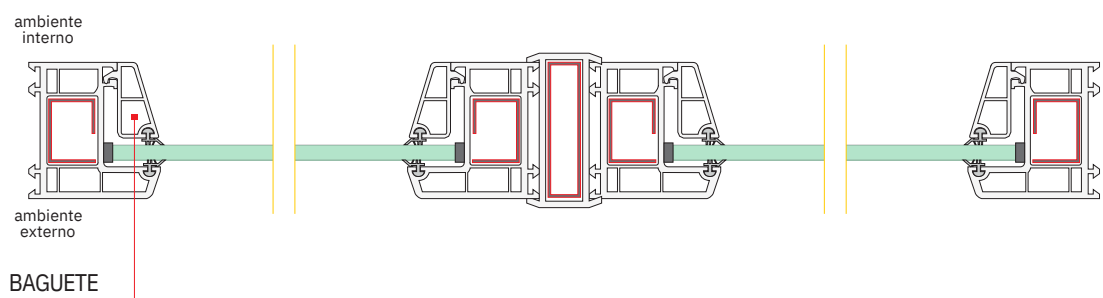
Requadro fixo n módulos (com conexão)



CORTE VERTICAL

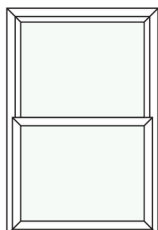


CORTE HORIZONTAL

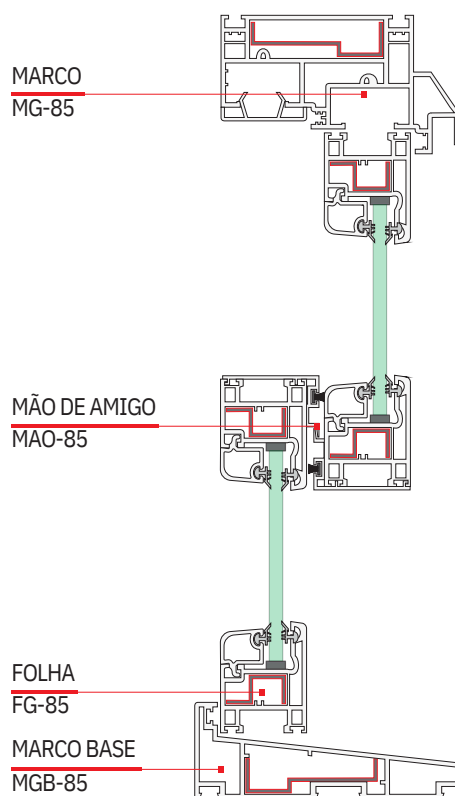


ESQUEMAS TÉCNICOS

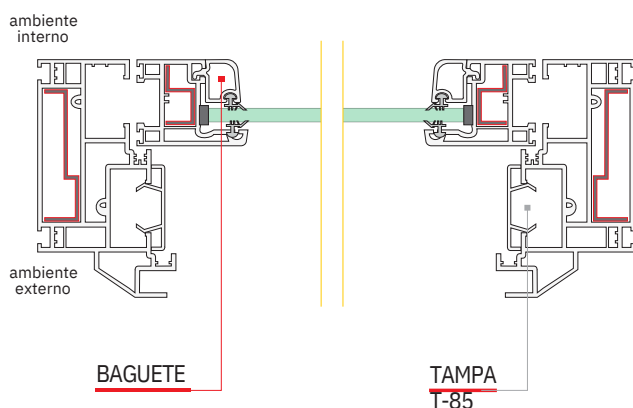
Janela guilhotina



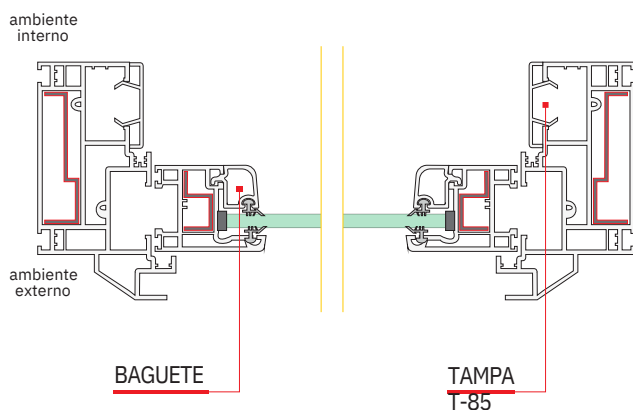
CORTE VERTICAL



CORTE HORIZONTAL (FOLHA INFERIOR / MÓVEL)

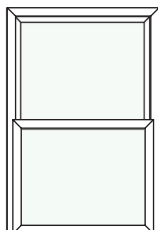


CORTE HORIZONTAL (FOLHA SUPERIOR / FIXA)

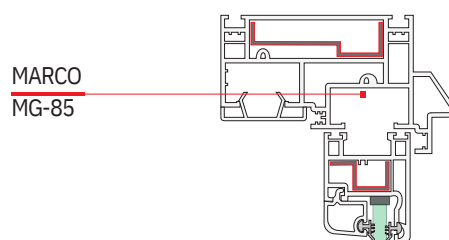


ESQUEMAS TÉCNICOS

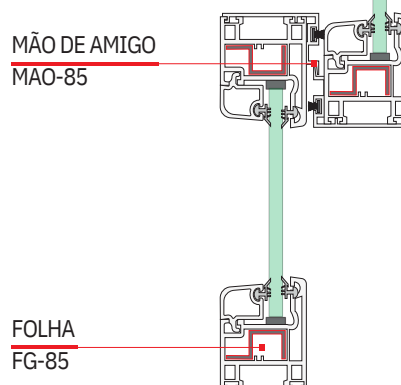
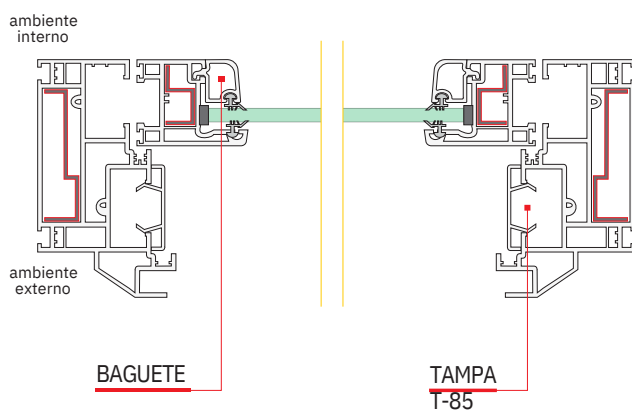
Janela guilhotina sem marco base



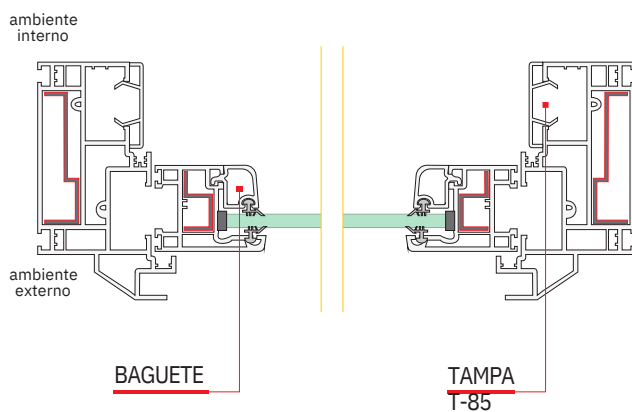
CORTE VERTICAL



CORTE HORIZONTAL (FOLHA INFERIOR / MÓVEL)



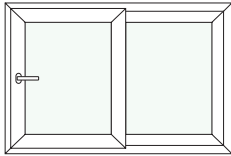
CORTE HORIZONTAL (FOLHA SUPERIOR / FIXA)



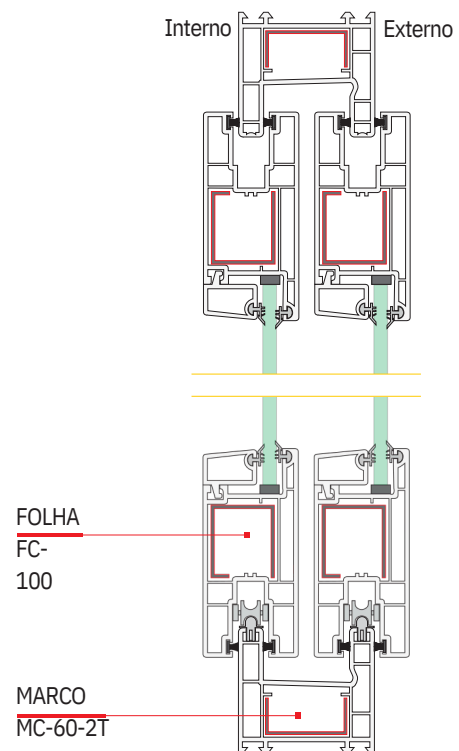
TECplus-100

ESQUEMAS TÉCNICOS

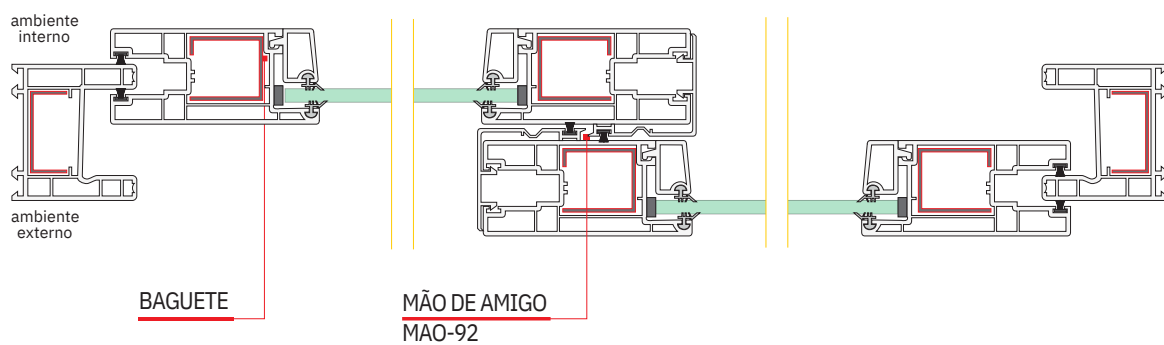
Janela / Porta de correr 2 folhas



CORTE VERTICAL

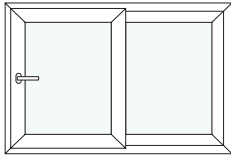


CORTE HORIZONTAL

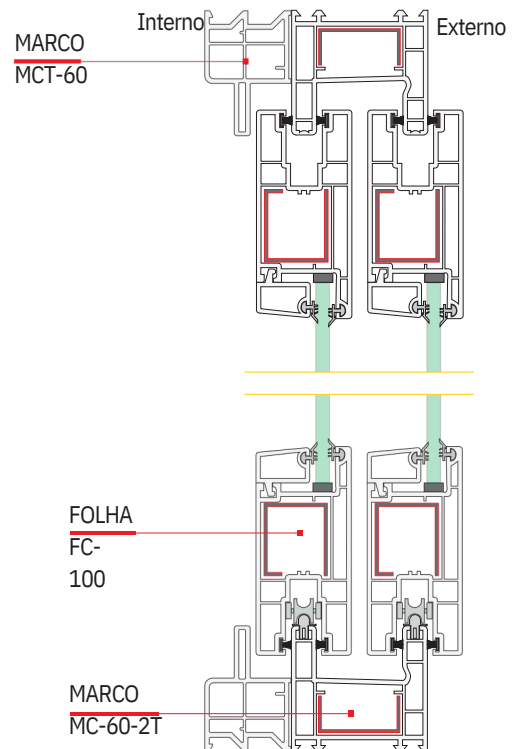


ESQUEMAS TÉCNICOS

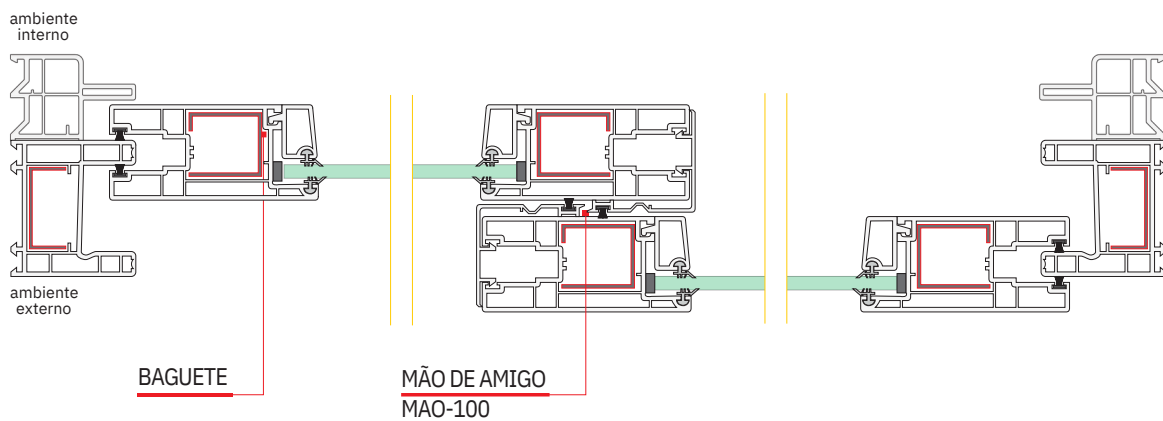
Janela / Porta de correr 2 folhas Acústica



CORTE VERTICAL

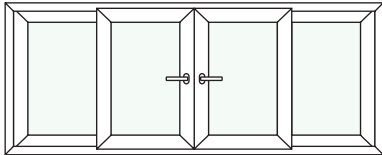


CORTE HORIZONTAL

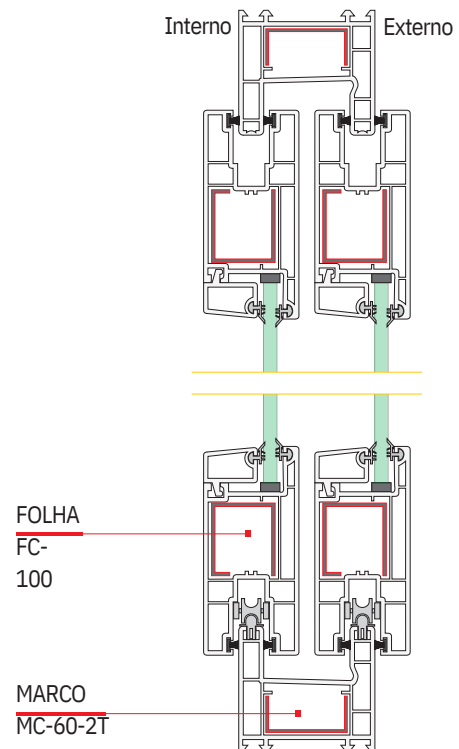


ESQUEMAS TÉCNICOS

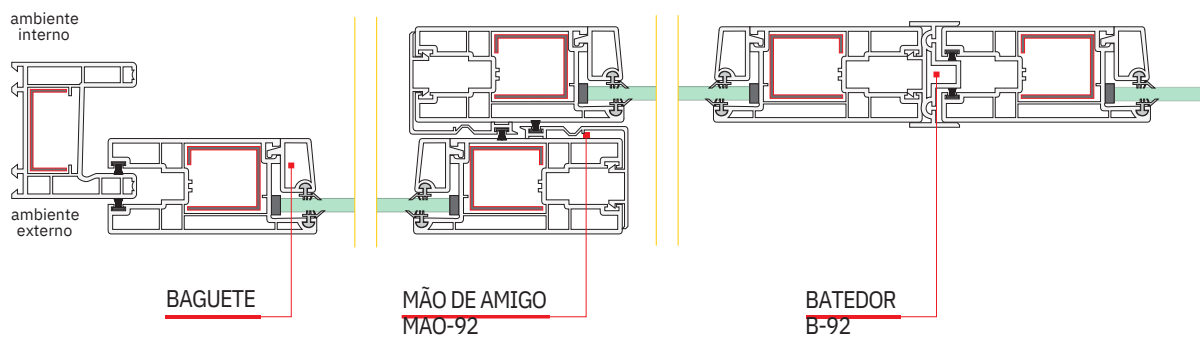
Janela / Porta de correr 4 folhas



CORTE VERTICAL

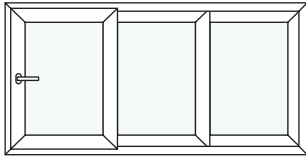


CORTE HORIZONTAL

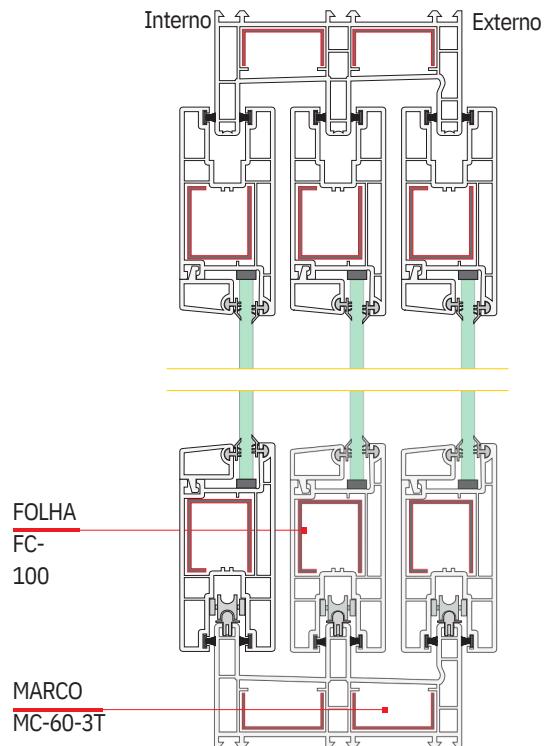


ESQUEMAS TÉCNICOS

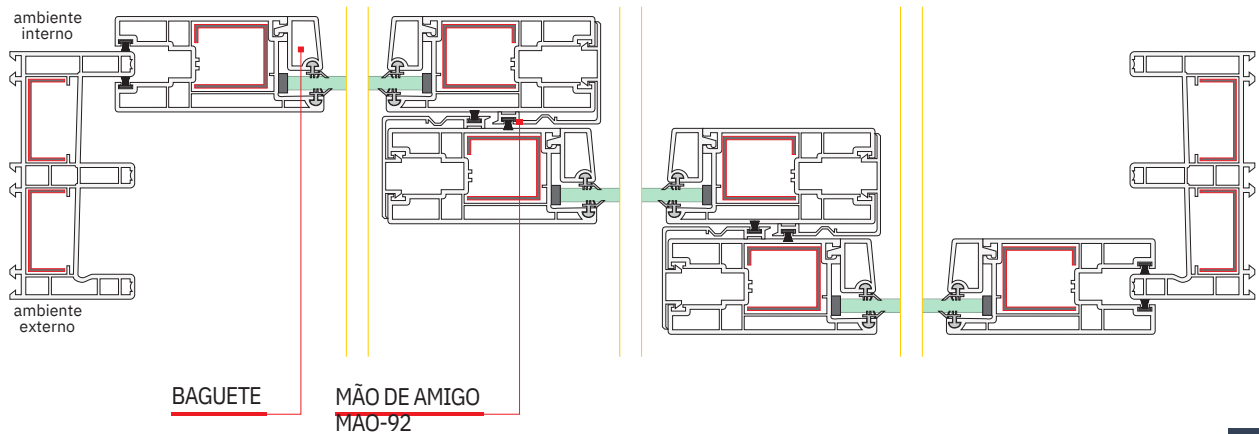
Janela / Porta de correr 3 folhas



CORTE VERTICAL

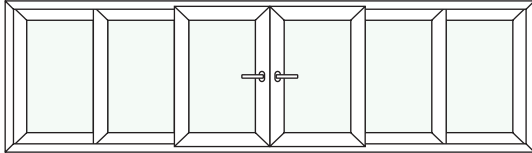


CORTE HORIZONTAL



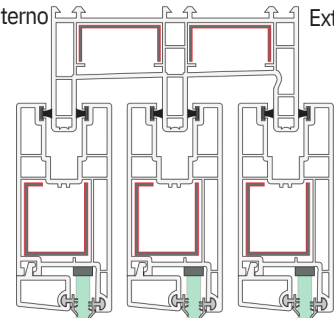
ESQUEMAS TÉCNICOS

Janela / Porta de correr 6 folhas



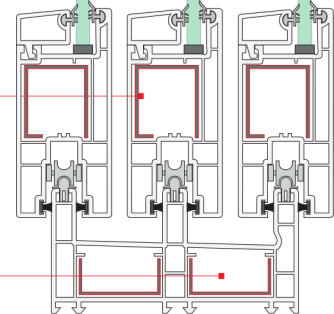
CORTE VERTICAL

Interno Externo



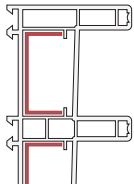
FOLHA
FC-
100

MARCO
MC-60-3T

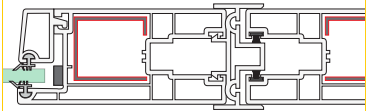
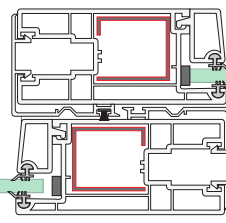
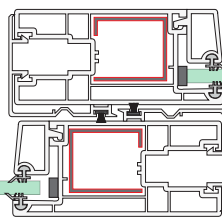


CORTE HORIZONTAL

ambiente
interno



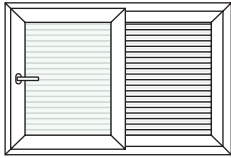
ambiente
externo



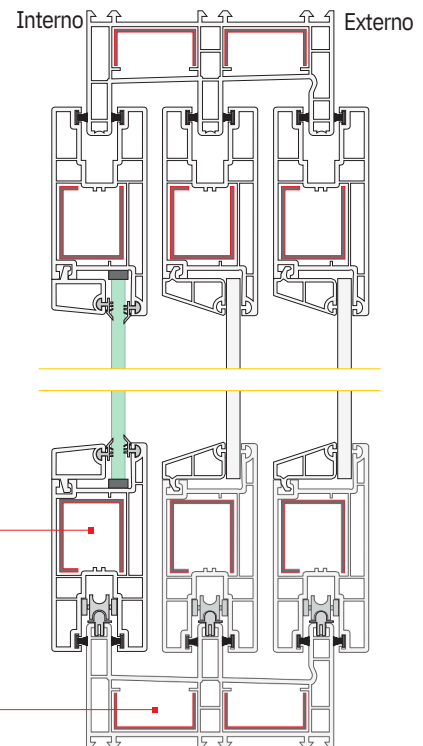
TECplus-100

ESQUEMAS TÉCNICOS

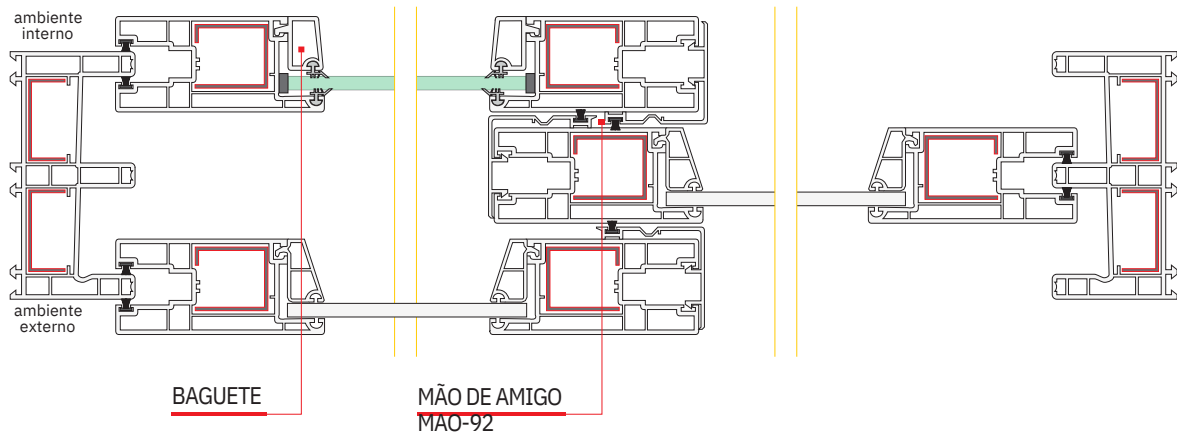
Janela / Porta de correr 3 folhas (1 vidro / 2 veneziana) / (2 vidro / 1 tela)



CORTE VERTICAL

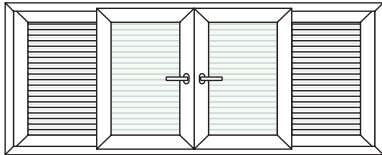


CORTE HORIZONTAL

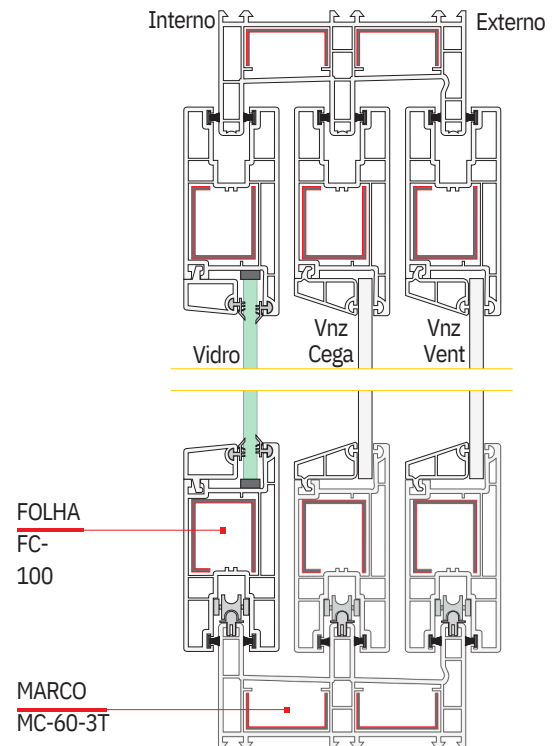


ESQUEMAS TÉCNICOS

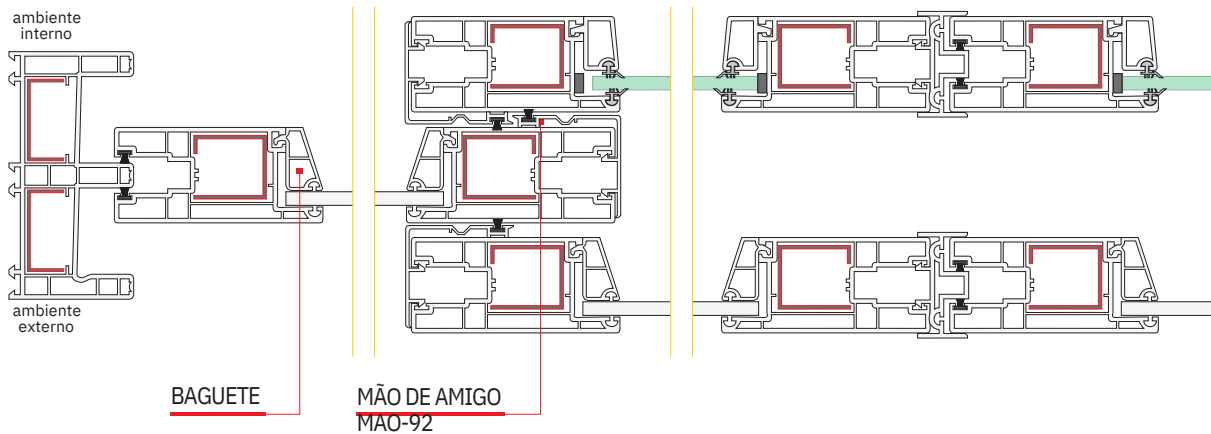
Janela / Porta de correr 6 folhas (2 vidro / 4 veneziana) / (4 vidro / 2 tela)



CORTE VERTICAL



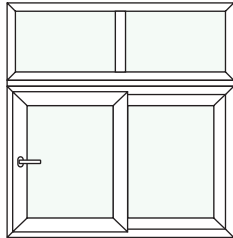
CORTE HORIZONTAL



TECplus-100

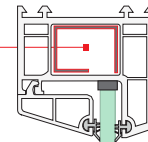
ESQUEMAS TÉCNICOS

Janela / Porta de correr 2 folhas com bandeira / peitoril

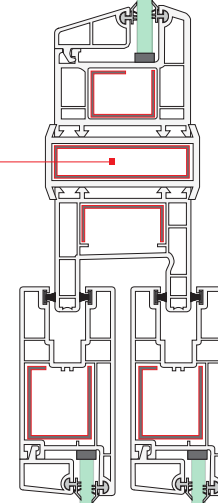


CORTE VERTICAL

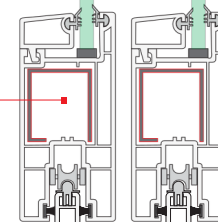
MARCO
MA-60



CONEXÃO



FOLHA
FC-
100



MARCO
MC-60-2T

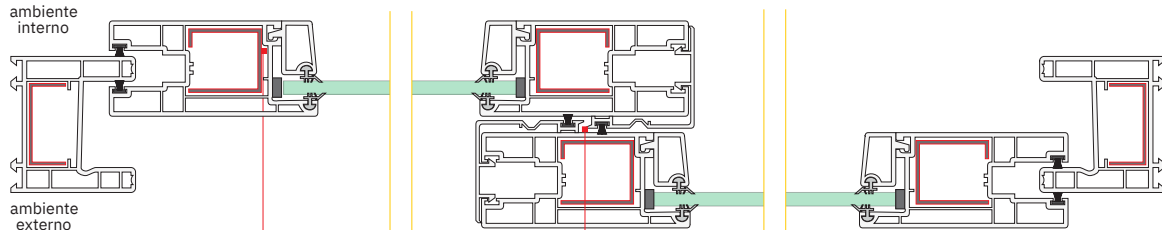
CORTE HORIZONTAL

ambiente
interno

ambiente
externo

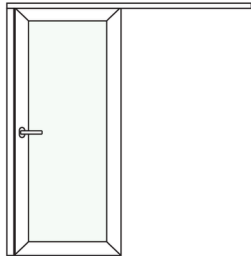
BAGUETE

MÃO DE AMIGO
MAO-92

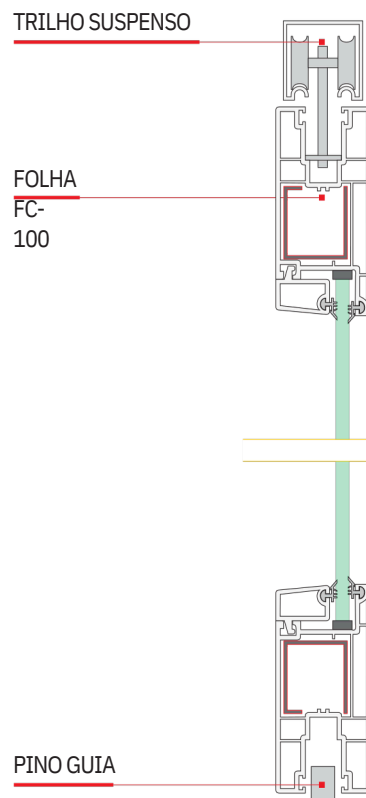


ESQUEMAS TÉCNICOS

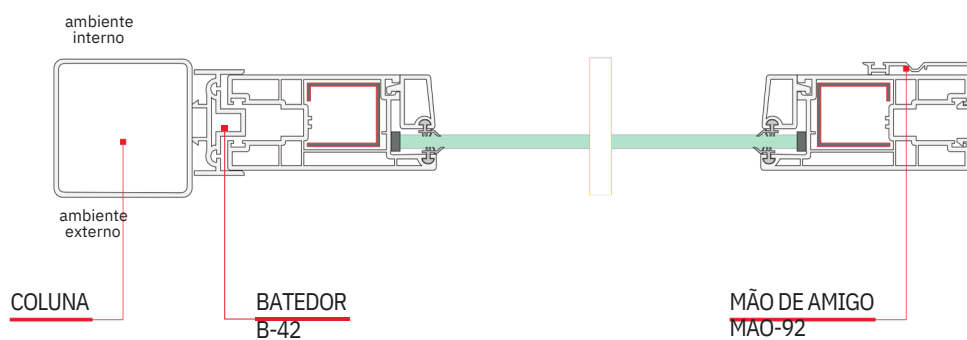
Porta de correr suspensa (sem marco)



CORTE VERTICAL

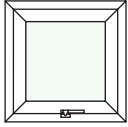


CORTE HORIZONTAL

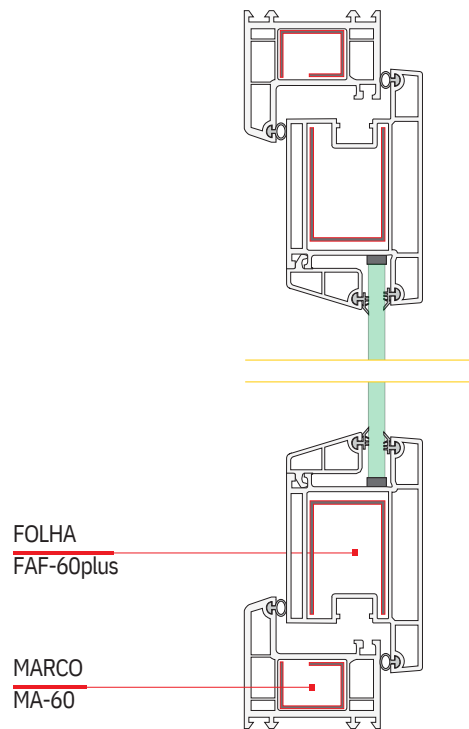


ESQUEMAS TÉCNICOS

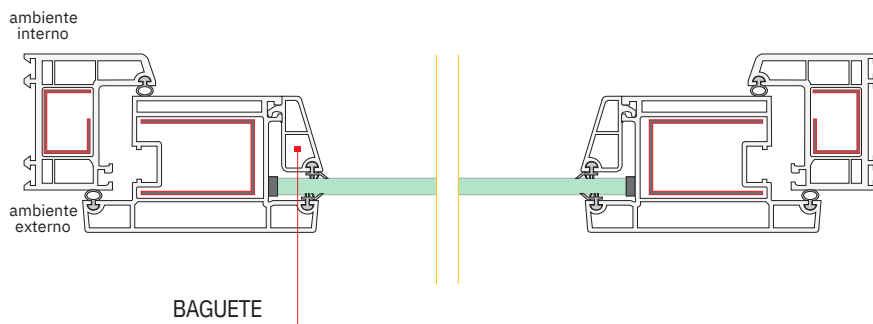
Maximar



CORTE VERTICAL

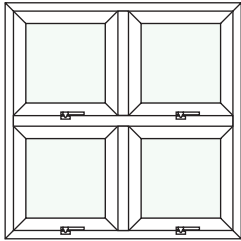


CORTE HORIZONTAL

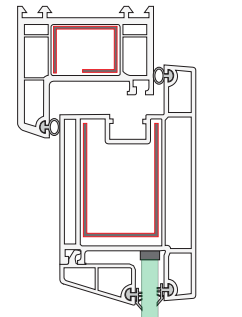


ESQUEMAS TÉCNICOS

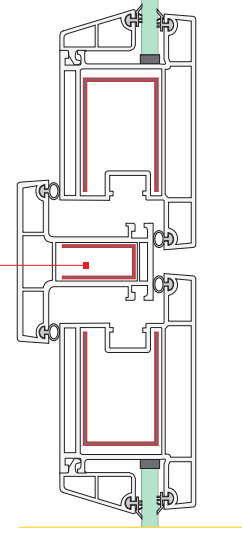
Maximar n folhas (com travessa)



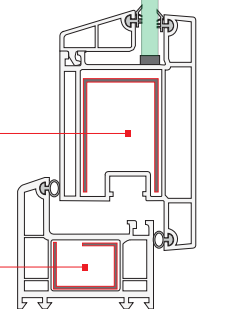
CORTE VERTICAL



TRAVESSA
TA-60



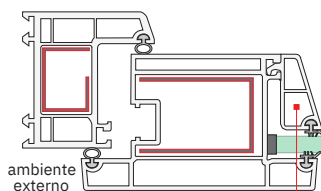
FOLHA
FAF-60plus



MARCO
MA-60

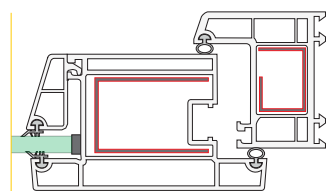
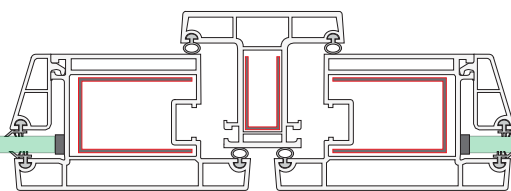
CORTE HORIZONTAL

ambiente
interno



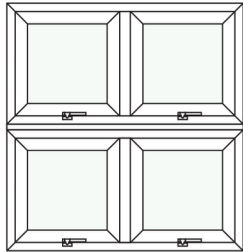
ambiente
externo

BAGUETE

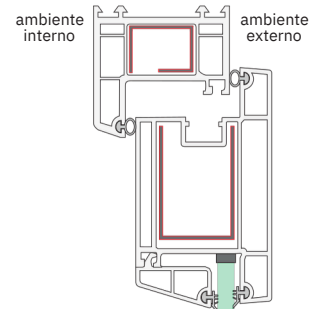


ESQUEMAS TÉCNICOS

Maximar n folhas (com conexão)



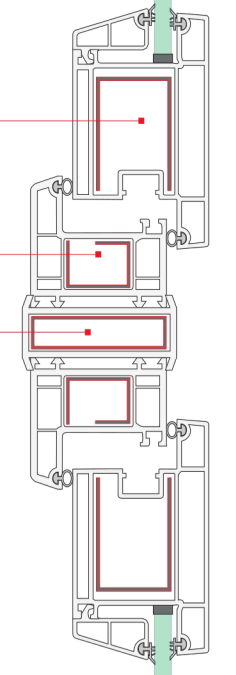
CORTE VERTICAL



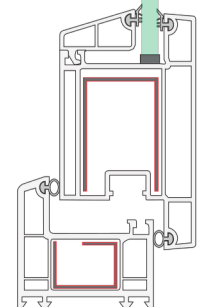
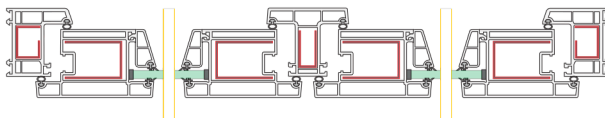
FOLHA
FAF-60plus

MARCO
MA-60

CONEXÃO

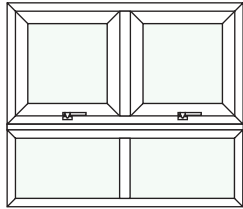


CORTE HORIZONTAL (ver corte maximar)

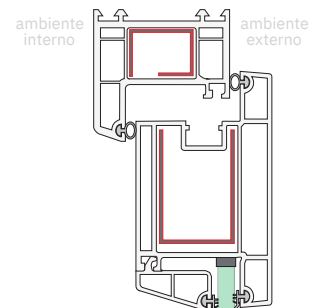


ESQUEMAS TÉCNICOS

Maximar n folhas com bandeira / peitoril (com conexão)



CORTE VERTICAL



FOLHA
FAF-60plus

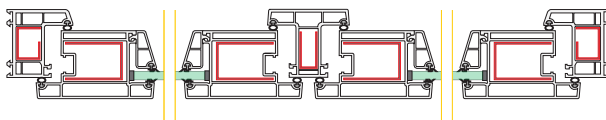
MARCO
MA-60

CONEXÃO

BAGUETE

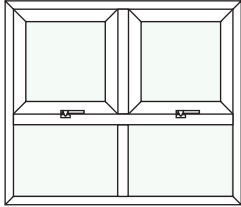
MARCO
MA-60

CORTE HORIZONTAL (ver corte maximar)

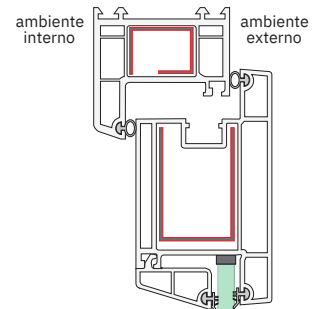


ESQUEMAS TÉCNICOS

Maximar n folhas com bandeira / peitoril (com travessa)



CORTE VERTICAL



BAGUETE

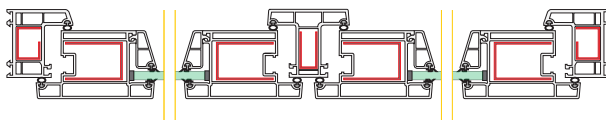
FOLHA
FAF-60plus

TRAVESSA
TA-60



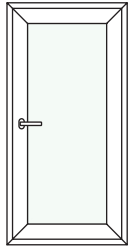
MARCO
MA-60

CORTE HORIZONTAL (ver corte maximar)

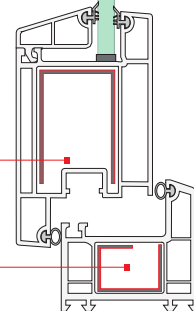
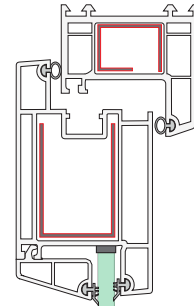


ESQUEMAS TÉCNICOS

Janela / Porta abrir (para dentro) / oscilobatente



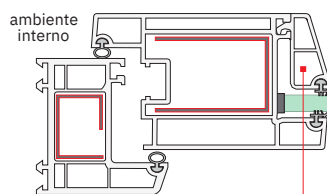
CORTE VERTICAL



FOLHA
FAD-60plus

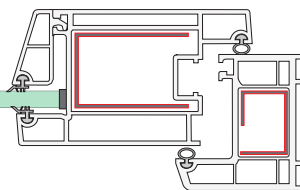
MARCO
MA-60

CORTE HORIZONTAL



ambiente
externo

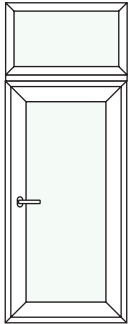
BAGUETE



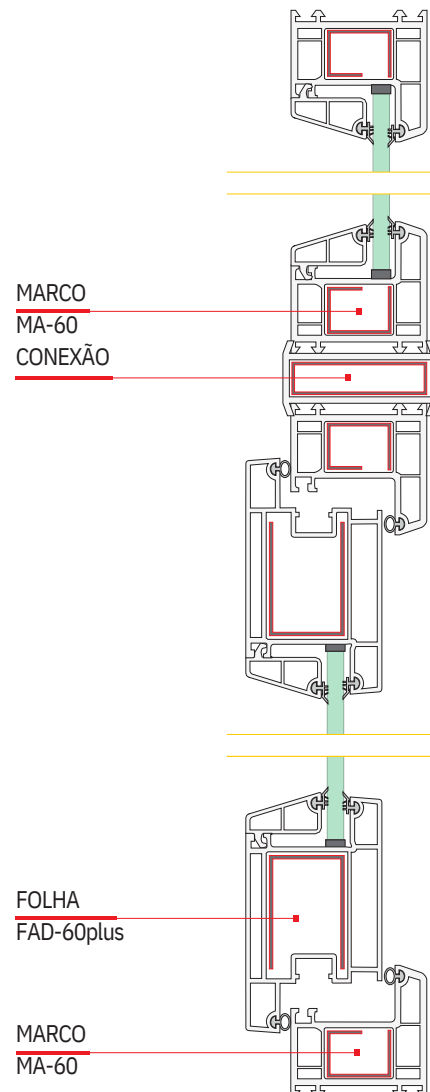
TECplus-100

ESQUEMAS TÉCNICOS

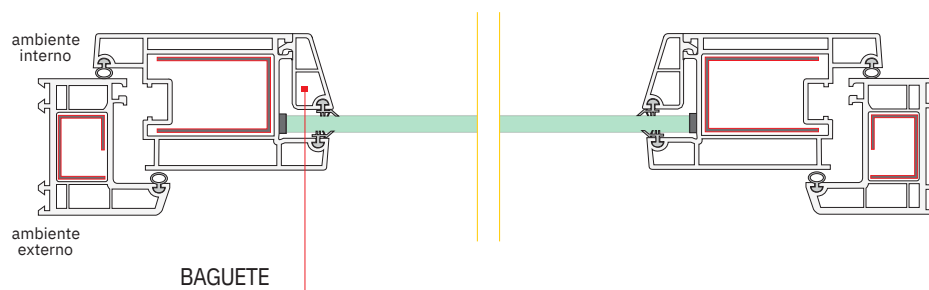
Janela / Porta de abrir (dentro) oscilobatente com bandeira / peitoril (conexão)



CORTE VERTICAL



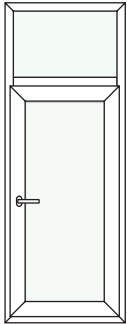
CORTE HORIZONTAL



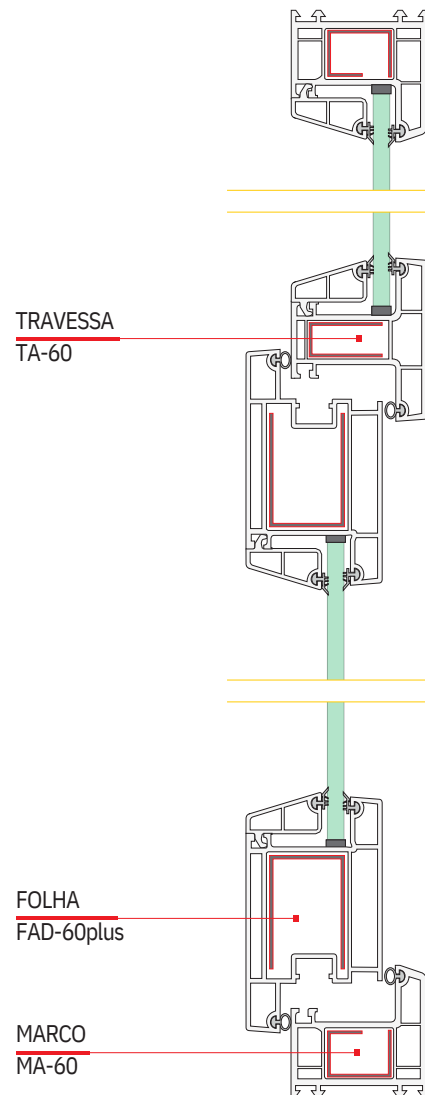
TECplus-100

ESQUEMAS TÉCNICOS

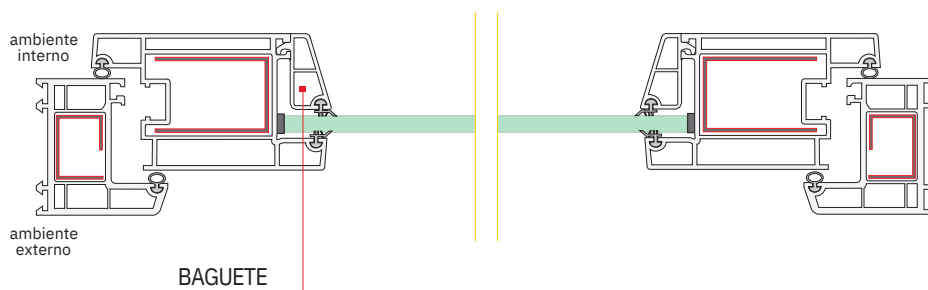
Janela / Porta de abrir (dentro) / oscilobatente com bandeira / peitoril (travessa)



CORTE VERTICAL

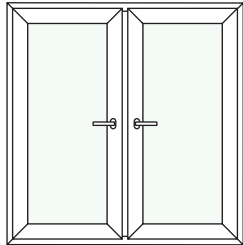


CORTE HORIZONTAL

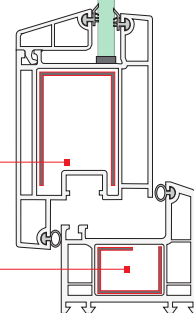
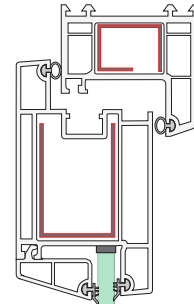


ESQUEMAS TÉCNICOS

Janela / Porta de abrir (para dentro) 2 folhas



CORTE VERTICAL

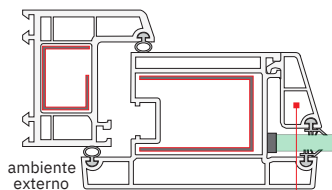


FOLHA
FAD-60plus

MARCO
MA-60

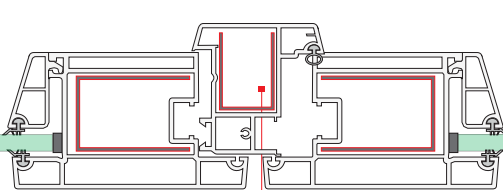
CORTE HORIZONTAL

ambiente
interno

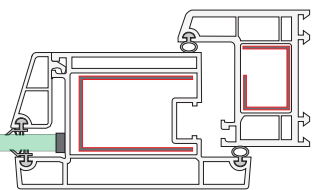


ambiente
externo

BAGUETE

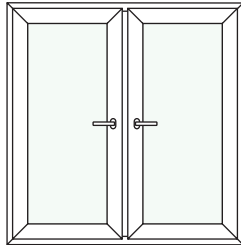


TRAVESSA FALSA
TA-60

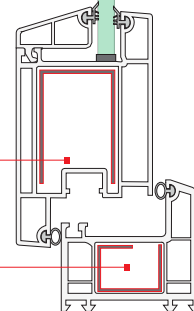
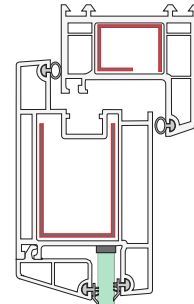


ESQUEMAS TÉCNICOS

Janela / Porta oscilobatente 2 folhas



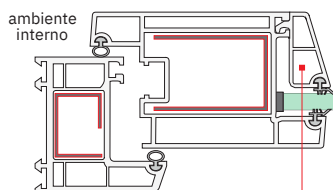
CORTE VERTICAL



FOLHA
FAD-60plus

MARCO
MA-60

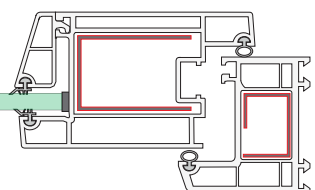
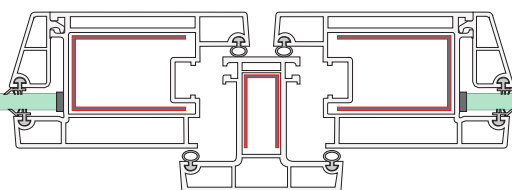
CORTE HORIZONTAL



ambiente interno

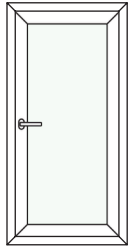
ambiente externo

BAGUETE

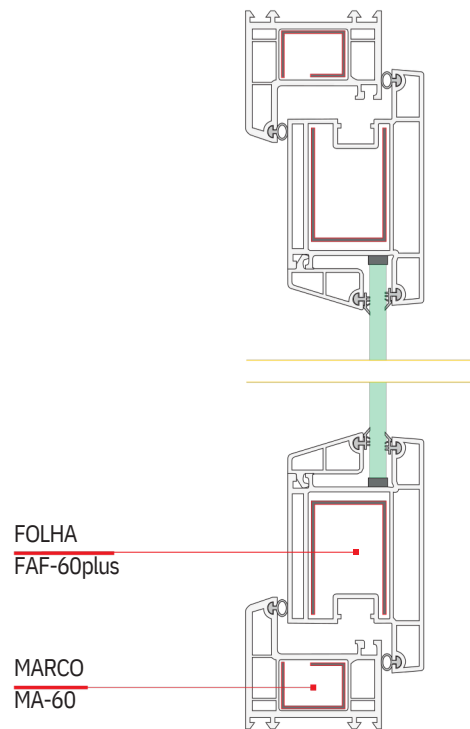


ESQUEMAS TÉCNICOS

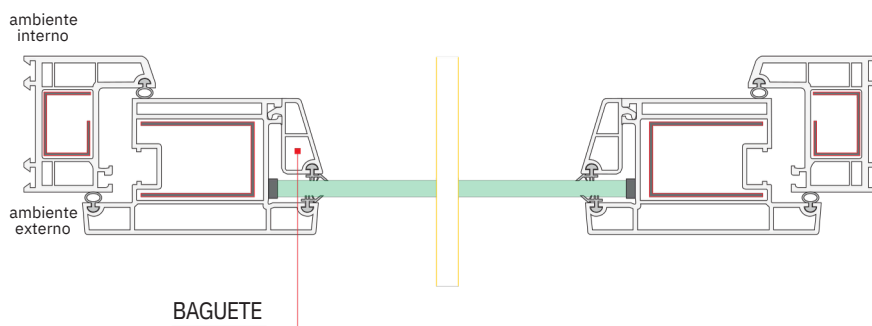
Janela / Porta de abrir (para fora)



CORTE VERTICAL

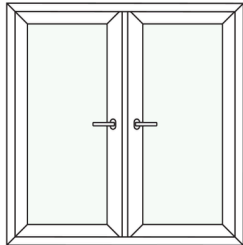


CORTE HORIZONTAL

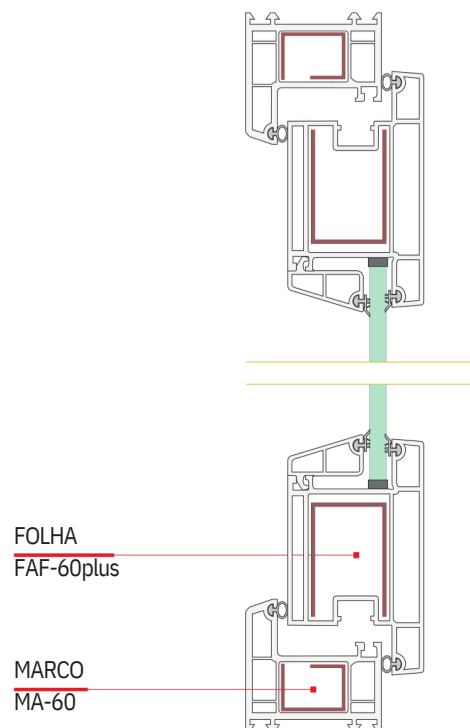


ESQUEMAS TÉCNICOS

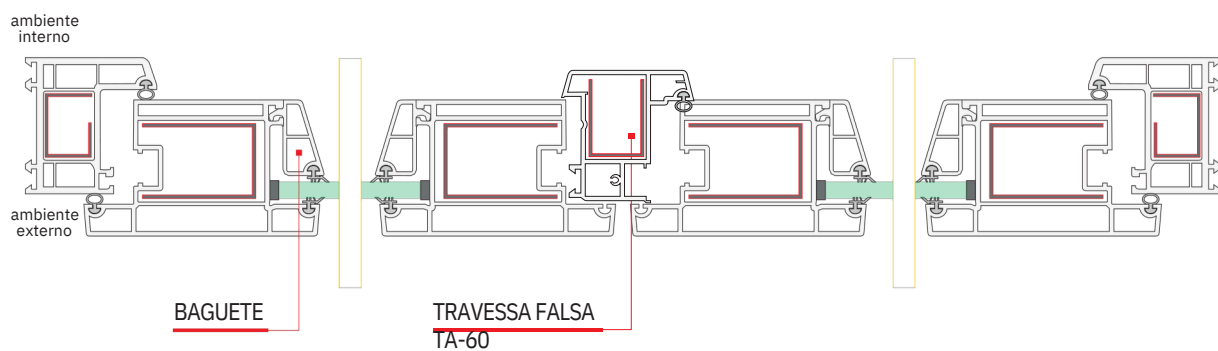
Janela / Porta de abrir (para fora) 2 folhas



CORTE VERTICAL

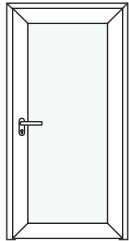


CORTE HORIZONTAL



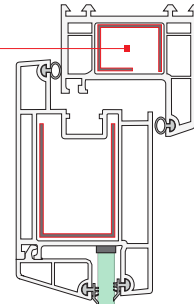
ESQUEMAS TÉCNICOS

Porta de abrir (para dentro) sem marco inferior

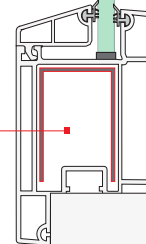


CORTE VERTICAL

MARCO
MA-60

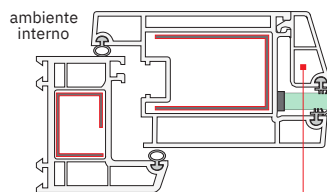


FOLHA
FAD-60plus



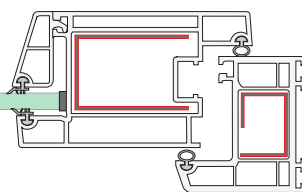
CORTE HORIZONTAL

ambiente
interno



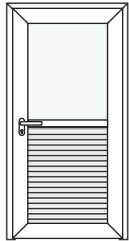
ambiente
externo

BAGUETE



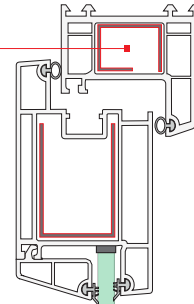
ESQUEMAS TÉCNICOS

Porta de abrir (para dentro) (1/2 vidro / 1/2 veneziana) sem marco inferior

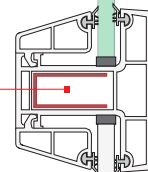


CORTE VERTICAL

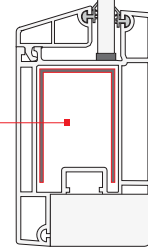
MARCO
MA-60



TRAVESSA
TA-60



FOLHA
FAD-60plus

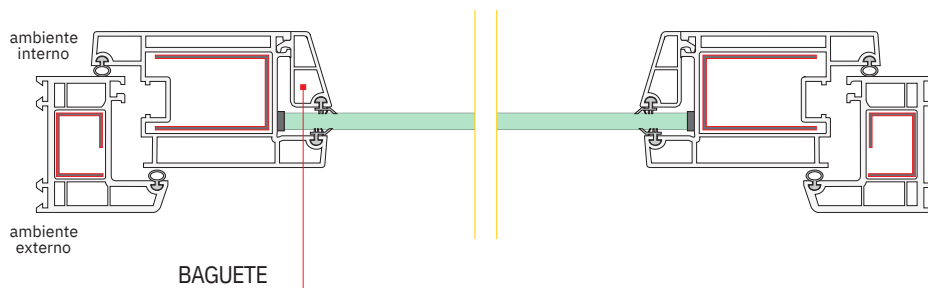


CORTE HORIZONTAL

ambiente
interno

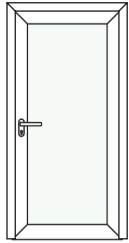
ambiente
externo

BAGUETE



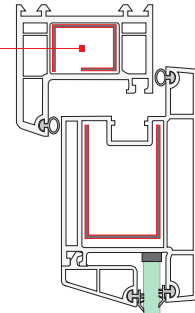
ESQUEMAS TÉCNICOS

Porta de abrir (para fora) sem marco inferior

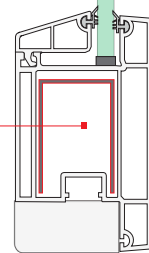


CORTE VERTICAL

MARCO
MA-60

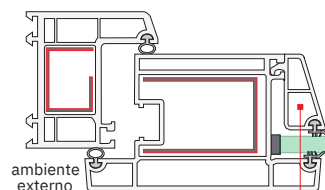


FOLHA
FAD-60plus



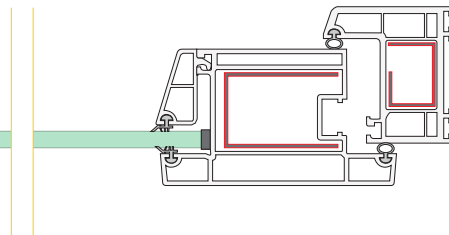
CORTE HORIZONTAL

ambiente
interno



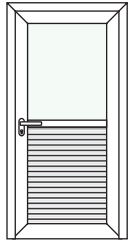
ambiente
externo

BAGUETE



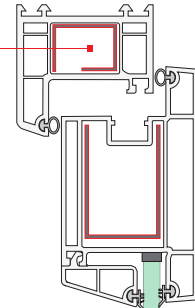
ESQUEMAS TÉCNICOS

Porta de abrir (para fora) (1/2 vidro / 1/2 veneziana) sem marco inferior

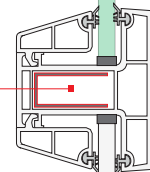


CORTE VERTICAL

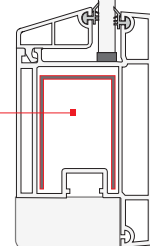
MARCO
MA-60



TRAVESSA
TA-60

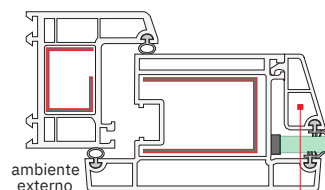


FOLHA
FAF-60plus



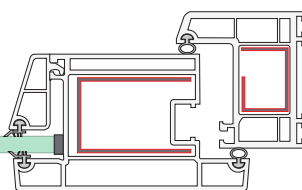
CORTE HORIZONTAL

ambiente
interno



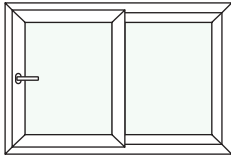
ambiente
externo

BAGUETE

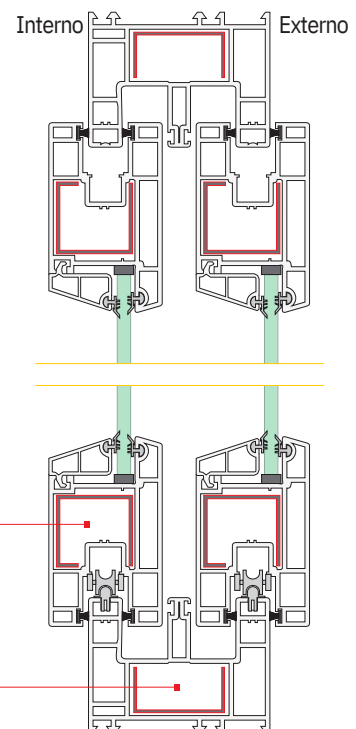


ESQUEMAS TÉCNICOS

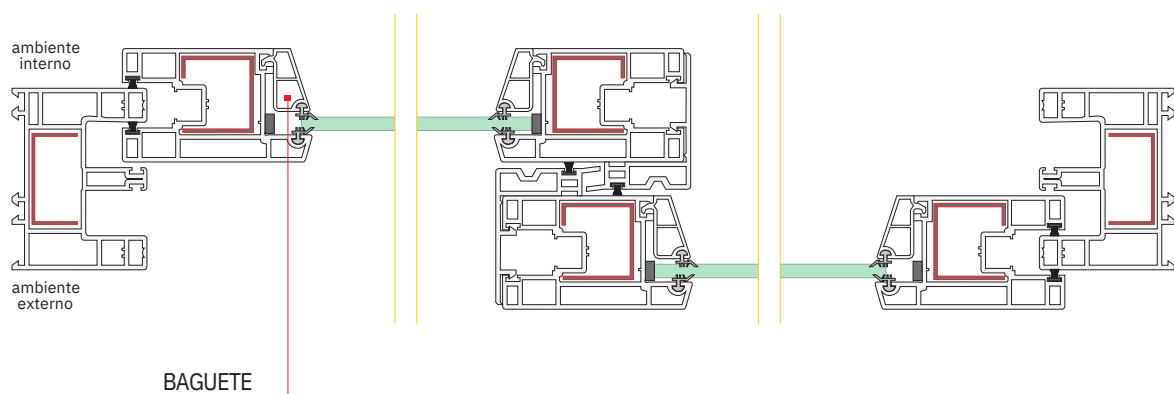
Janela / Porta de correr 2 folhas



CORTE VERTICAL

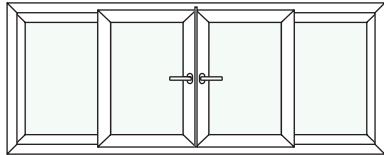


CORTE HORIZONTAL

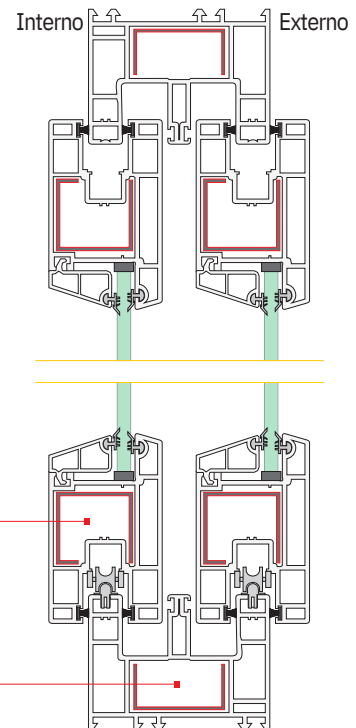


ESQUEMAS TÉCNICOS

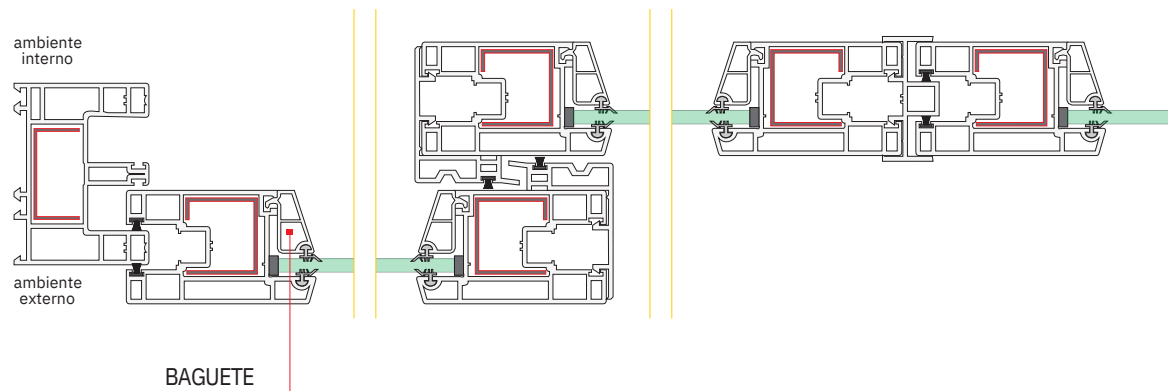
Janela / Porta de correr 4 folhas



CORTE VERTICAL

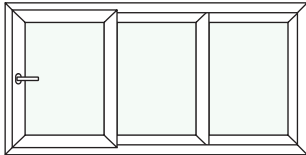


CORTE HORIZONTAL

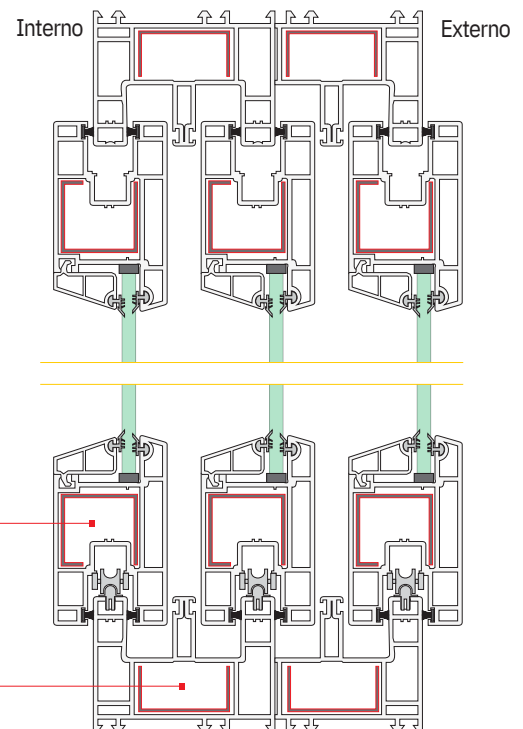


ESQUEMAS TÉCNICOS

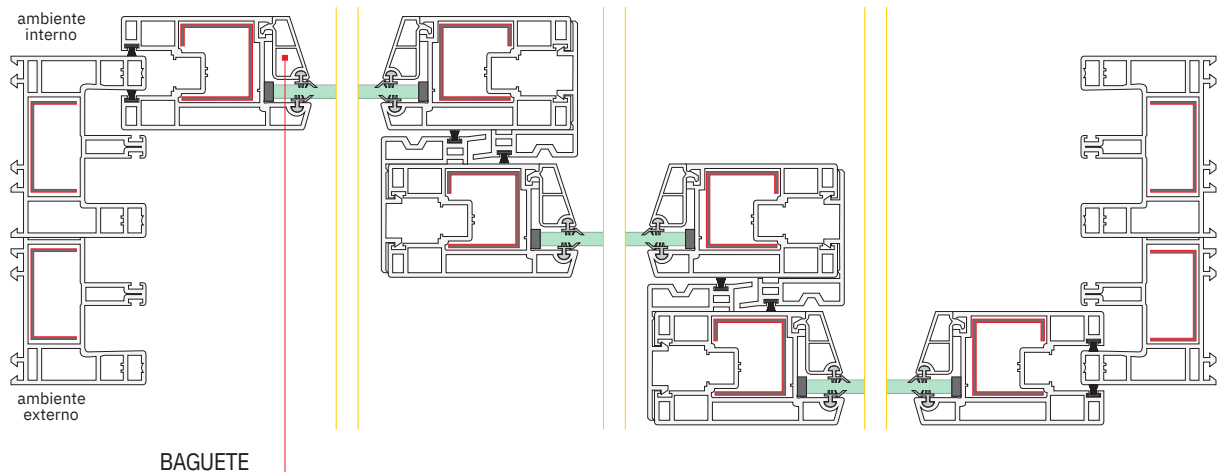
Janela / Porta de correr 3 folhas



CORTE VERTICAL

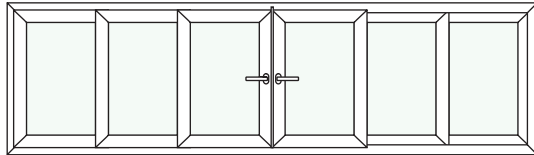


CORTE HORIZONTAL

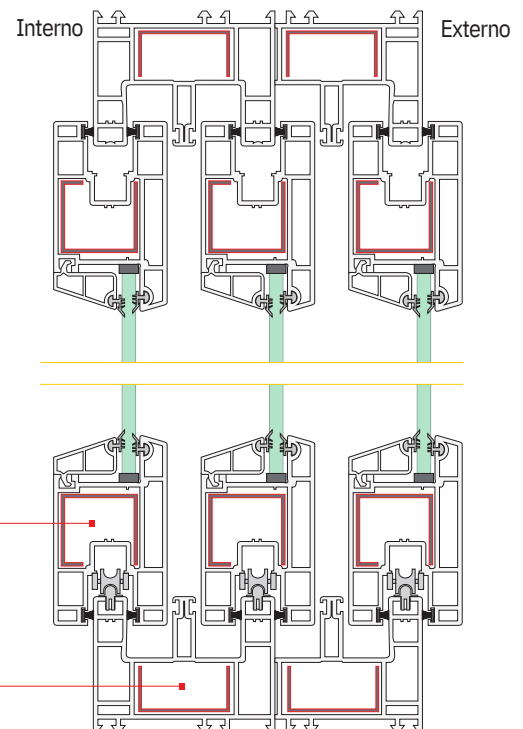


ESQUEMAS TÉCNICOS

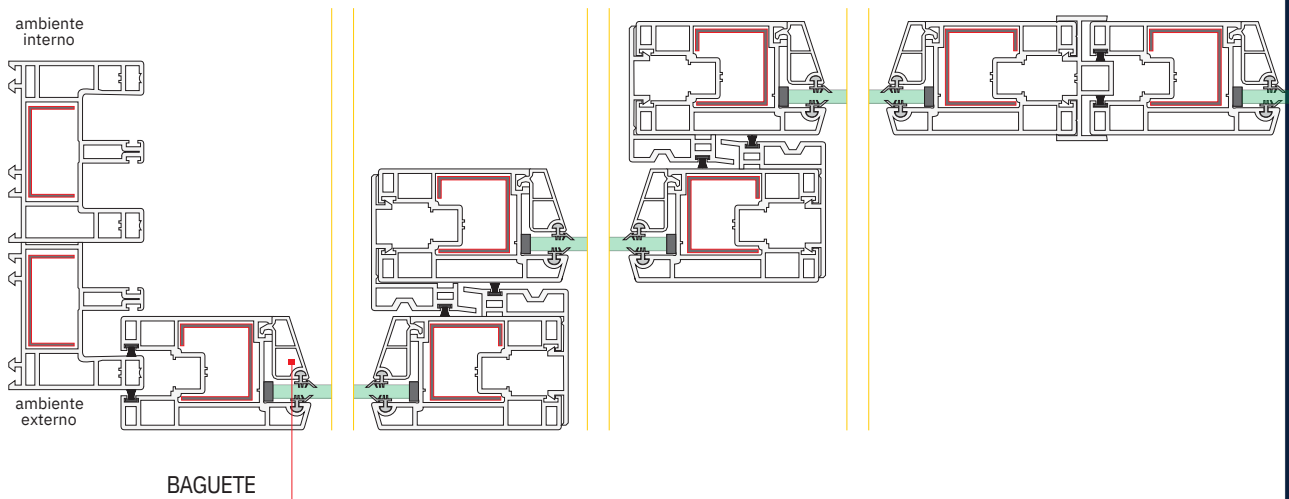
Janela / Porta de correr 6 folhas



CORTE VERTICAL

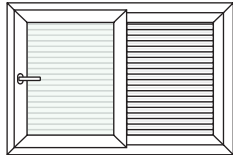


CORTE HORIZONTAL

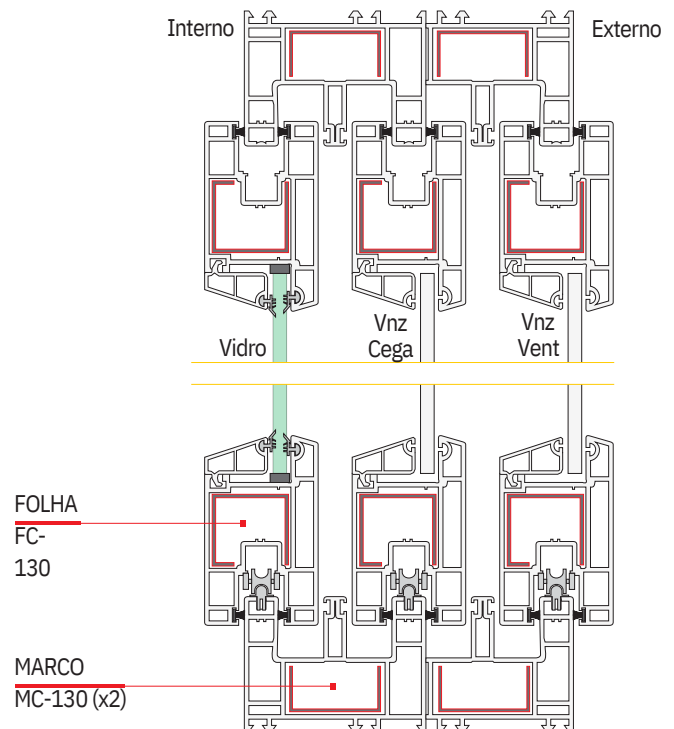


ESQUEMAS TÉCNICOS

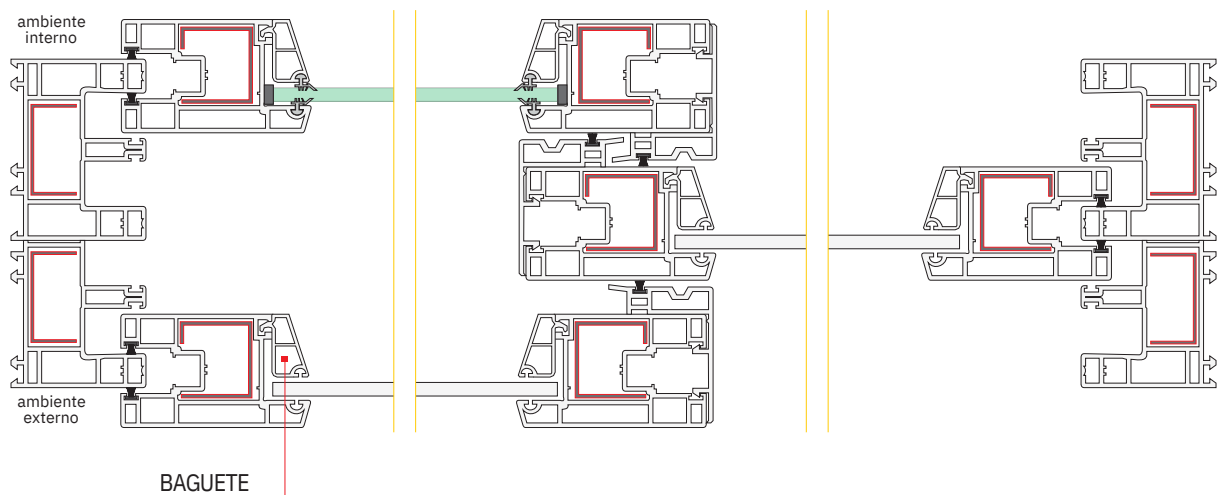
Janela / Porta de correr 3 folhas (1 vidro / 2 veneziana) / (2 vidro / 1 tela)



CORTE VERTICAL

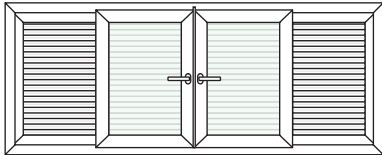


CORTE HORIZONTAL

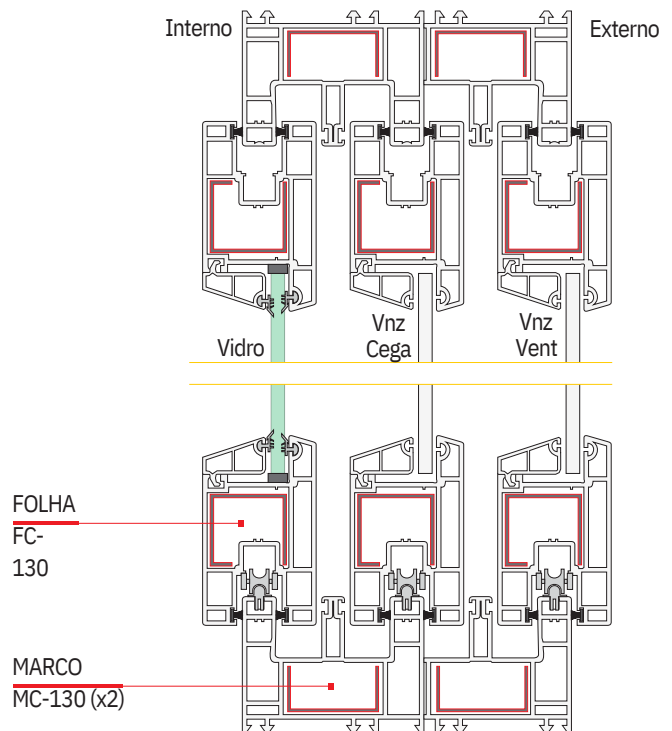


ESQUEMAS TÉCNICOS

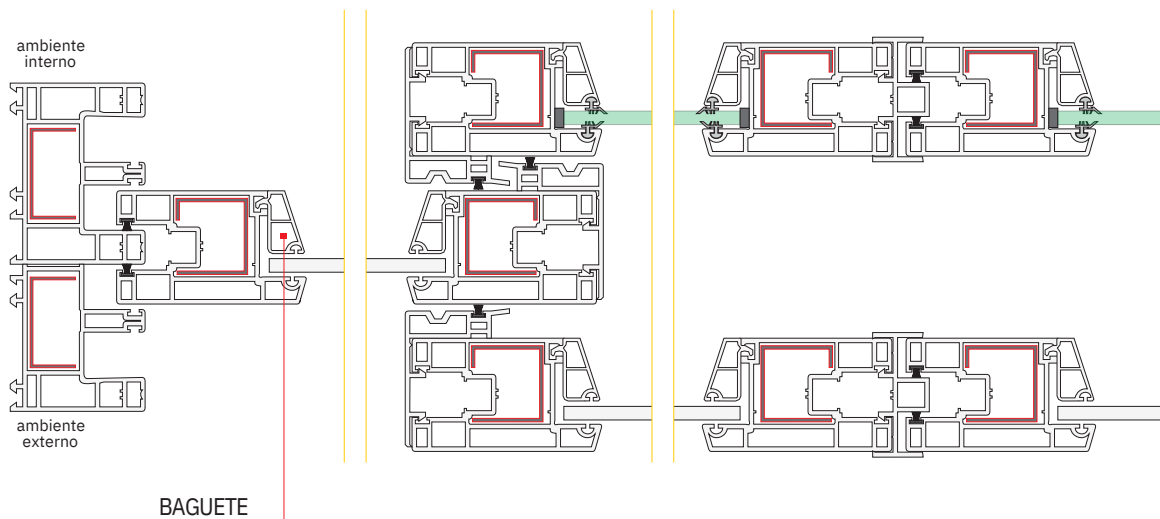
Janela / Porta de correr 6 folhas (2 vidro / 4 veneziana) / (4 vidro / 2 tela)



CORTE VERTICAL



CORTE HORIZONTAL





PRIMEIRA LINHA

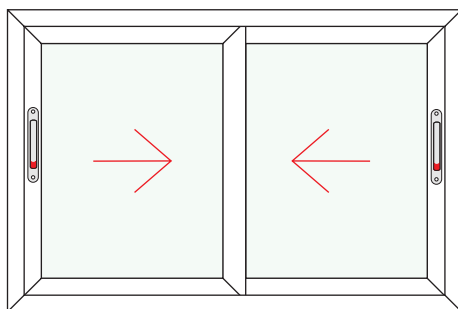
ESQUADRIAS EM ALTO PADRÃO

PERFIS

**CÁLCULOS DE
REAPROVEITAMENTO**

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-55

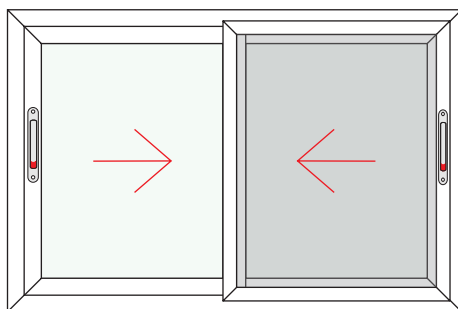


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-2T	"L" = 1505 "H" = 1505	2 2	6,02	5,805
FC-55	"H" = 738 "L" = 1410	4 4	8,59	6,032
BG-19	"H" = 640 "L" = 1312	4 4	7,81	1,359
MA-55	1.412	2	2,82	0,785
TOTAL				13,684

MÉDIA EM M ² : 6,082	ACESSÓRIOS	FÓRMULA	
Roldana	LH02-A (4x)	MC-60-	L+5
Calço de vidro	Lb2 (16x)	2T MC-	H+5
Fecho tipo Concha	LS08C (2x)	60-25	L/2-+12,5
Escova de vedação	6X6	FC-55	H-90
Borracha de vidro	S-8		

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-55

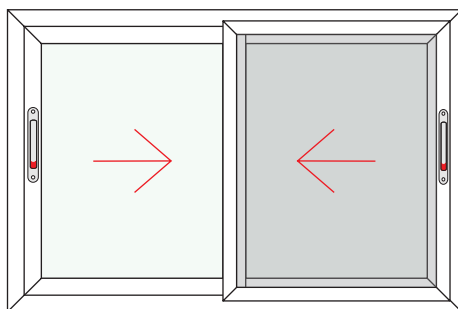


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-2T	"L" = 1505 "H" = 1505	2 2	6,02	5,805
FC-55	"H" = 738 "L" = 1410	4 4	8,59	6,032
BG-19	"H" = 640 "L" = 1312	4 4	7,81	1,359
MA-55	"H" = 1412 "L" = 1505	2 2	2,82	0,785
MMC-60	"H" = 736 "L" = 1505	2 2	6,02	3,407
FCM-80	1410	2	4,29	2,112
TOTAL				19,203

MÉDIA EM M²: 6,082	ACESSÓRIOS	FÓRMULA	
Roldana	LH02-A (4X)	MC-60-	L+5
Calço de vidro	Lb2 (16X)	2T MC-	H+5
Fecho tipo Concha	LS08C (2X)	60-25	L/2-12,5
Roldana Mosquito	LH21(2X)	FC-55	H-90
Escova de vedação	6X6	MMC-60	L+5
Borracha de vidro	S-8	MMC-60	H+5
		FMC-80	L/2-14,5
		FMC-80	H-90

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-55

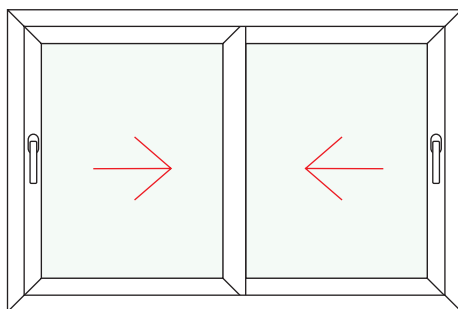


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-3T	"L" = 1505 "H" = 1505	2 2	6,02	8,518
FC-55	"H" = 738 "L" = 1410	6 6	12,89	9,047
BG-19	"H" = 640 "L" = 1312	6 6	11,71	2,038
MA-55	1412	3	4,24	1,178
TOTAL				20,781

MÉDIA EM M²: 9,236	ACESSÓRIOS	FÓRMULA	
Roldana	LH02-A (6X)	MC-60-	L+5
Calço de vidro	Lb2 (16X)	3T MC-	H+5
Fecho tipo Concha	LS08C (3X)	60-35	L/2-12,5
Escova de vedação	6X6	FC-55	H-90
Borracha de vidro	S-8		
Tela Mosquito	4x4		

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-75

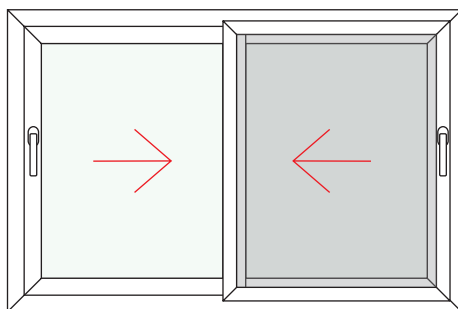


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-2T	"L" = 1505 "H" = 1505	2 2	6,02	5,805
FC-75	"H" = 747 "L" = 1410	4 4	8,63	7,938
BG-19	"H" = 647 "L" = 1312	4 4	7,84	1,363
MA-75	1412	2	2,82	0,833
TOTAL				15,643

MÉDIA EM M²: 6,082	ACESSÓRIOS	FÓRMULA	
Roldana	LH26-A (4X)	MC-60-	L+5
Calço de vidro	Lb2 (16X)	2T MC-	H+5
Cremona	Cl11 (1X)	60-2T	L/2-3
Trinco Interno	Ls01 (1X)	FC-75	H-90
Maçaneta	Lz03 (1X)		
Escova de Vedação	6x6		
Borracha de Vidro	S-8		

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-75

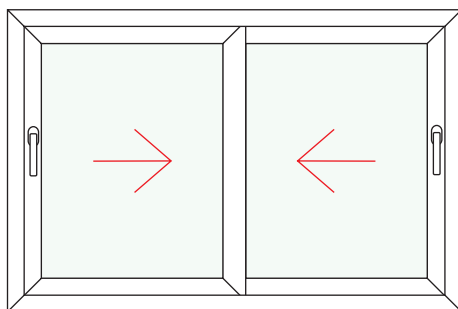


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-2T	"L"= 1505 "H"= 1505	2 2	6,02	5,508
FC-75	"H"= 747 "L"= 1410	4 4	8,63	7,938
BG-19	"H"= 647 "L"= 1312	4 4	7,84	1,363
MA-75	"H"=1412 "L"= 1505	2 2	2,82	0,833
MMC-60	"H"= 747 "L"= 1505	2 2	6,02	3,407
FCM-80	1410	2 2	4,31	2,122
TOTAL				21,172

MÉDIA EM M²:9,410	ACESSÓRIOS	FÓRMULA	
Roldana	LH26-A (4X)	MC-60-	L+5
Calço de vidro	Lb2 (16X)	2T MC-	H+5
Cremona	Cl11 (1X)	MC-75	L/2-3
Trinco Interno	Ls01 (1X)	FC-75	H-90
Maçaneta	Lz03 (1X)	MMC-60	L+5
Roldana Mosquito	Lh01 (2X)	MMC-60	H+5
Escova de Vedação	6x6	FCM-80	L/2-3
Borracha de Vidro	S-8	FCM-80	H-90

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-75

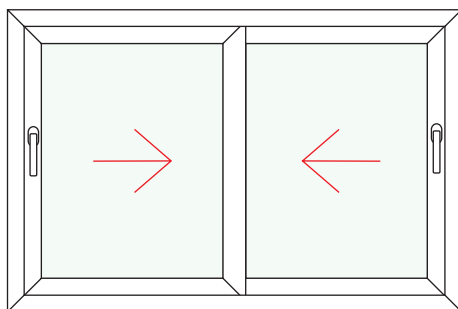


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-3T	"L" = 1505 "H" = 1505	2 2	6,02	8,518
FC-75	"H" = 747 "L" = 1410	6 6	12,94	11,907
BG-19	"H" = 647 "L" = 1312	6 6	11,75	2,045
MA-75	1412	3	4,24	1,250
TOTAL				23,720

MÉDIA EM M ² :10,542	ACESSÓRIOS	FÓRMULA	
Roldana	LH26-A (6X)	MC-60-	L+5
Calço de vidro	Lb2 (16X)	2T MC-	H+5
Cremona	Cl11 (1X)	60-75	L/2-2
Trinco Interno	Ls01 (1X)	FC-75	H-90
Maçaneta	Lz03 (1X)		
Fecho Concha	LS08B (1X)		
Escova de Vedação	6x6		
Borracha de Vidro	S-8		

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-92

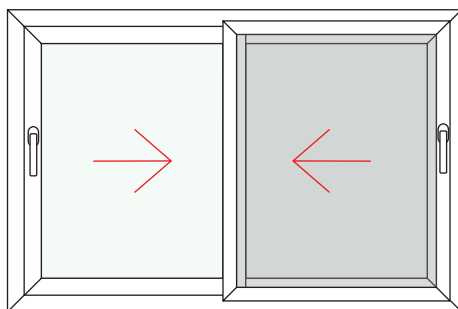


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-2T	"L" = 1505 "H" = 1505	2 2	6,02	5,508
FC-92	"H" = 752 "L" = 1414	4 4	12,94	11,870
BG-25	"H" = 653 "L" = 1314	4 4	11,75	1,755
MA-92	1410	2	4,24	1,182
TOTAL				20,314

MÉDIA EM M²: 9,028	ACESSÓRIOS	FÓRMULA	
Roldana	LH26-A (4X)	MC-60-	L+5
Calço de vidro	Lb2 (16X)	2T MC-	H+5
Cremona	Cl11 (1X)	60-2T	L/2+2
Trinco Interno	LS01 (1X)	FC-92	H-86
Maçaneta	Lz03 (1X)		
Escova de Vedação	6x6		
Borracha de Vidro	S-8		

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-92

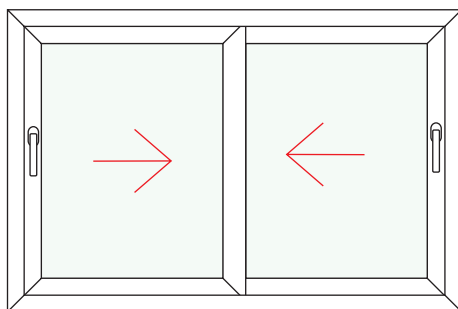


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-2T	"L" = 1505 "H" = 1505	2 2	6,02	5,508
FC-92	"H" = 752 "L" = 1414	4 4	8,66	11,870
BG-25	"H" = 653 "L" = 1314	4 4	7,87	1,755
MA-92	"H" = 1410 "L" = 1505	2 2	2,82	1,182
MMC-60	"H" = 1505 "L" = 752	2 2	6,02	3,407
FCM-80	1414	2	4,33	2,131
TOTAL				25,853

MÉDIA EM M²: 11,490	ACESSÓRIOS	FÓRMULA	
Roldana	LH26-A (4X)	MC-60-	L+5
Calço de vidro	Lb2 (16X)	2T MC-	H+5
Cremona	Cl11 (1X)	60-25	L/2+2
Trinco Interno	Ls01 (1X)	FC-92	H-86
Maçaneta	Lz03 (1X)	MMC-60	L+5
Roldana Mosquito	Lh01 (2X)	MMC-60	H+5
Escova de Vedação	6x6	FMC-80	L/2+2
Borracha de Vidro	S-8	FMC-80	H-86

JLOS DE REAPROVEITAMENTO

JANELA DE CORRER / 2 FOLHAS - FC-92

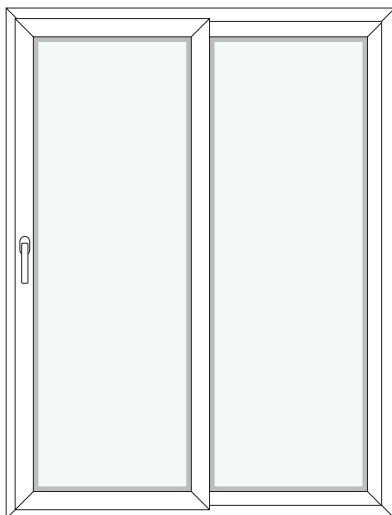


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-60-3T	"L" = 1505	2 2	6,02	8,518
FC-92	"H" = 1505	6 6	12,94	17,731
BG-25	"H" = 747 "L" = 1312 1410	6 6	11,75	2,621
MA-92	1412	3	4,24	1,775
TOTAL				30,645

MÉDIA EM M ² : 13,620	ACESSÓRIOS	FÓRMULA	
Roldana	LH26-A (6X)	MC-60-3T	L+5
Calço de vidro	Lb2 (16X)	MC-60-3T	H+5
Cremona	Cl11 (1X)	FC-92	L/2+2
Trinco Interno	LS01 (1X)	FC-92	H-86
Maçaneta	Lz03 (1X)		
Fecho Concha	LS08B (1X)		
Escova de Vedação	6x6		
Borracha de Vidro	S-8		

JLOS DE REAPROVEITAMENTO

PORTA DE CORRER / 2 FOLHAS - FC-130

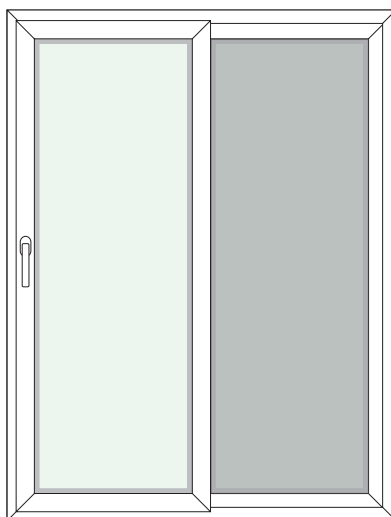


PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-130	"L" = 2105 "H" = 2105	2 2	8342	14,280
FC-130	"L" = 1047 "H" = 2010	4 4	12,23	17,938
BG-26	"L" = 947 "H" = 1910	4 4	11,43	2,457
MA-130	2005	2	4,01	1,969
TOTAL				36,645

MÉDIA EM M2	CORTE	FORMÚLA	
Roldana:	Yd808 (4X)	MC-130	L+5
Calço de vidro:	Lb2 (16X)	MC-130	H+5
Cremona	Cl11 (1X)	FC-130	L/2-2
Trinco Interno	LS08B (1X)	FC-130	H-90
Maçaneta	LZ04L (1X)		
Escova de vedação	6X6		
Borracha de vidro	S-8		

JLOS DE REAPROVEITAMENTO

PORTA DE CORRER / 2 FOLHAS - FC-130



PERFIL	CORTE	QTDD DE PÇS	ML	PESO
MC-130	"L" = 2105 "H" = 2105	2 2	8,42	14,280
FC-130	"L" = 1047 "H" = 2010	4 4	12,23	17,938
BG-26	"L" = 947 "H" = 1910	4 4	11,43	2,457
MA-130	"L" = 2005 "H" = 2010	2 2	4,01	4,134
MMC-130	"L" = 1047 "H" = 2105	2 2	8,42	7,948
	2010	2	6,11	4,793
TOTAL				51,552

MÉDIA EM M2	CORTE	FORMÚLA	
Roldana	Yd808 (4X)	MC-130	L+5
Calço de vidro	Lb2 (16X)	MC-130	H+5
Cremona	Cl11 (1X)	FC-130	L/2-2
Trinco Interno	LS08B (1X)	FC-130	H-90
Maçaneta	LZ04L (1X)	MMC-130	L+5
Roldana Mosquito	LH01R (2X)	MMC-130	H+5
Escova de vedação	6X6	FMC-130	L/2-26
Borracha de vidro	S-8	FMC-130	H-94



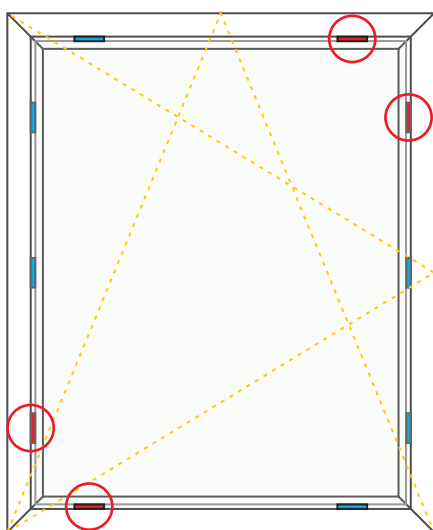
ESQUEMAS

calços de vidro

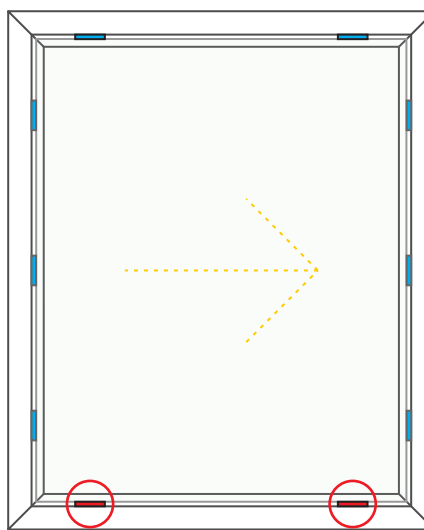
CALÇOS DE VIDRO

- CALÇOS AUXILIARES
- CALÇOS DE VIDRO PRINCIPAIS

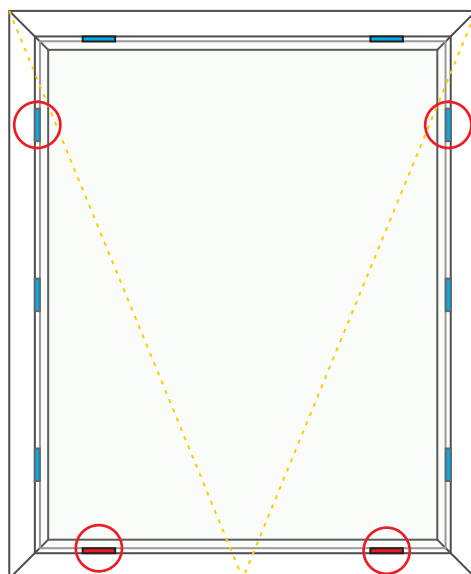
SISTEMA ABRIR / OSCILOBATENTE



SISTEMA CORRER



SISTEMA MAXIMAR / FIXO



○ = Calços Principais



PRIMEIRA LINHA

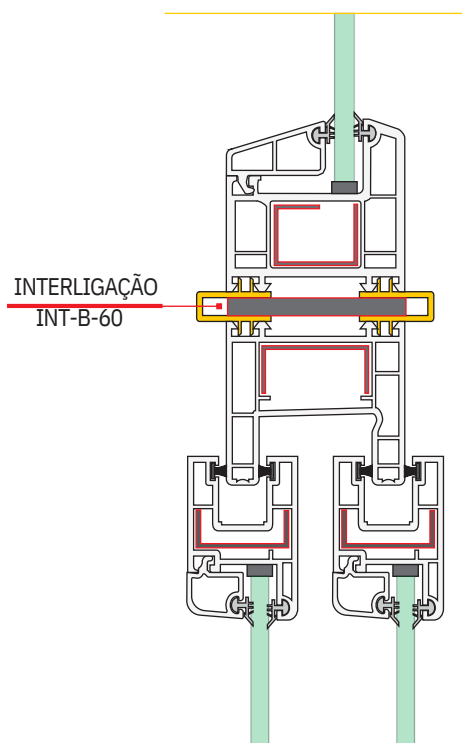
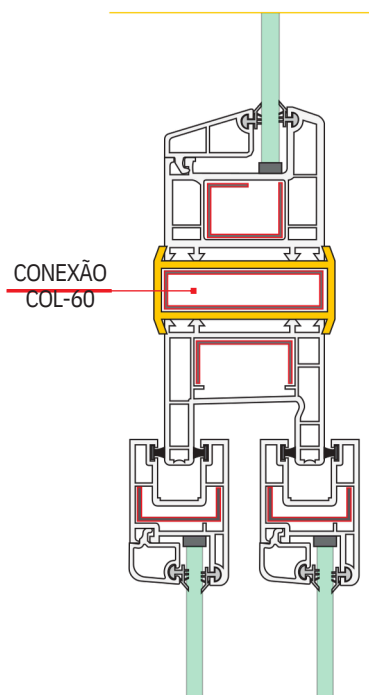
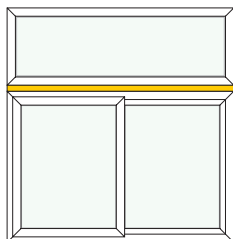
ESQUADRIAS EM ALTO PADRÃO

ESQUEMAS

conexões

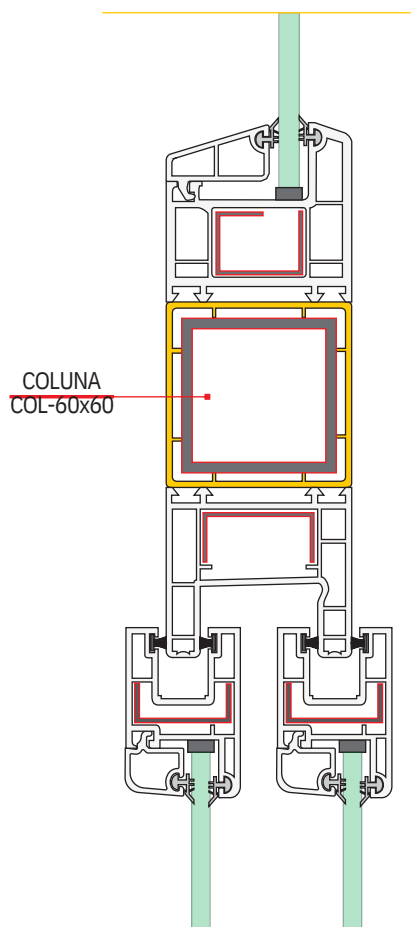
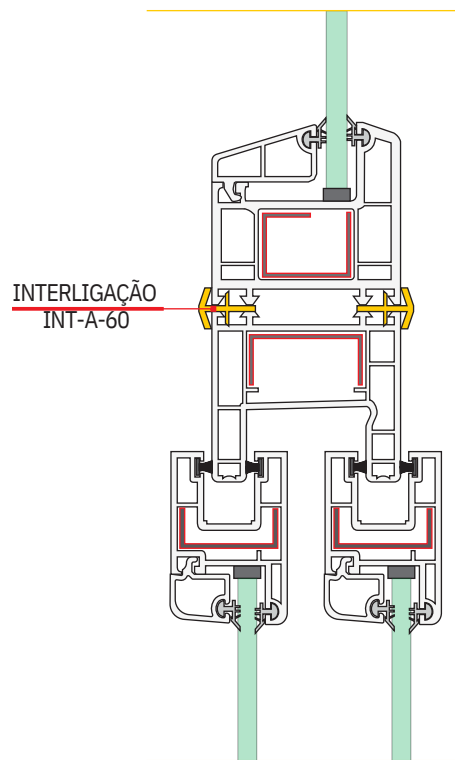
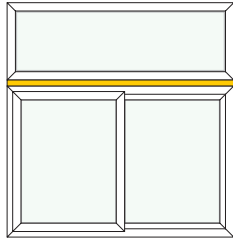
EXEMPLOS DE CONEXÕES

Bandeira / Peitoril - Marco 60mm x Marco 60mm



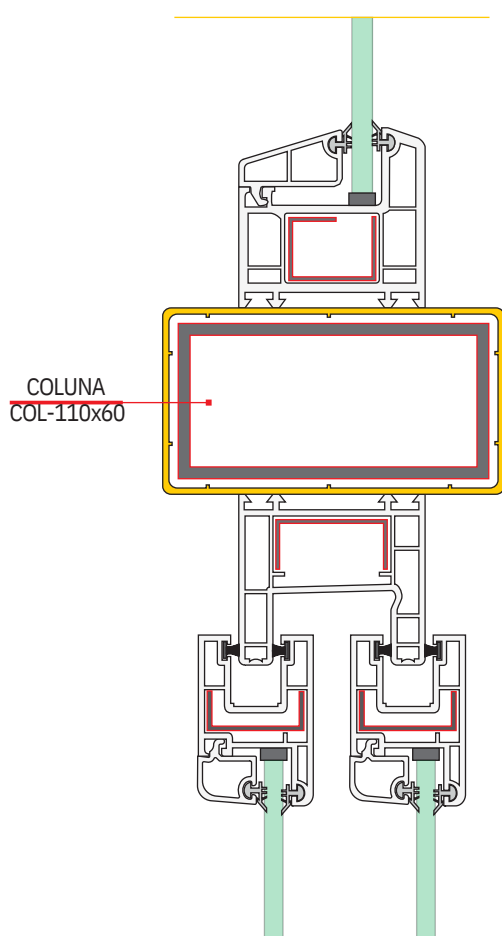
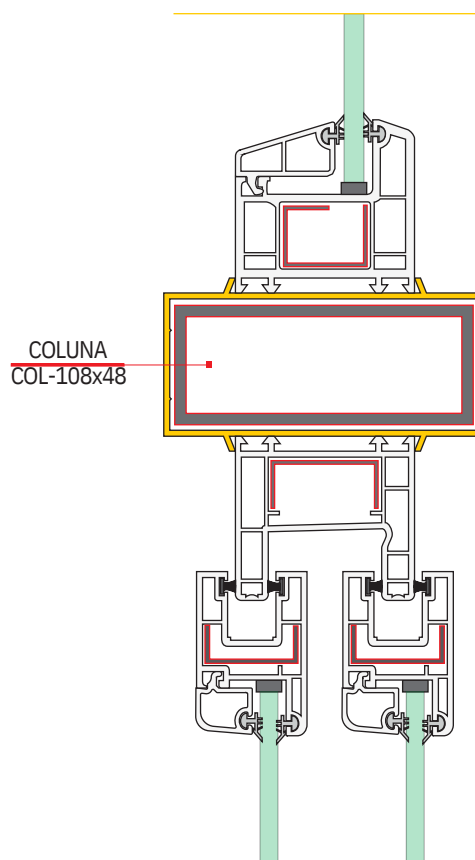
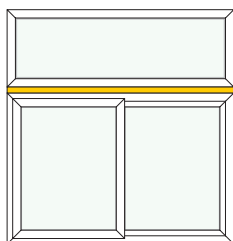
EXEMPLOS DE CONEXÕES

Bandeira / Peitoril - Marco 60mm x Marco 60mm



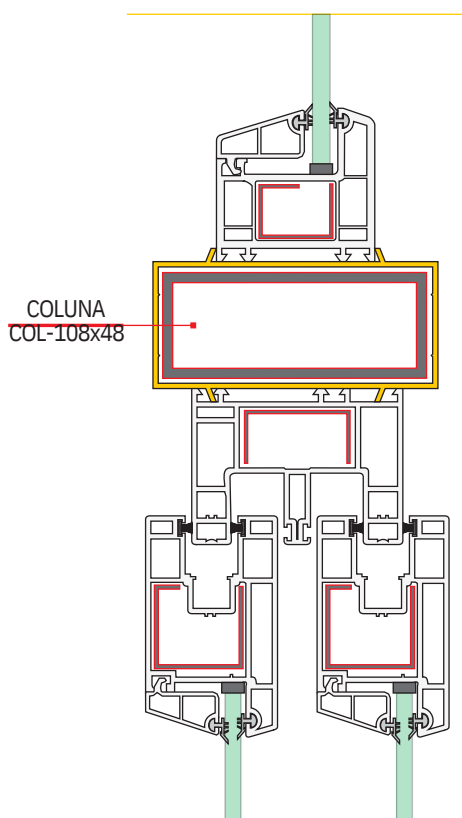
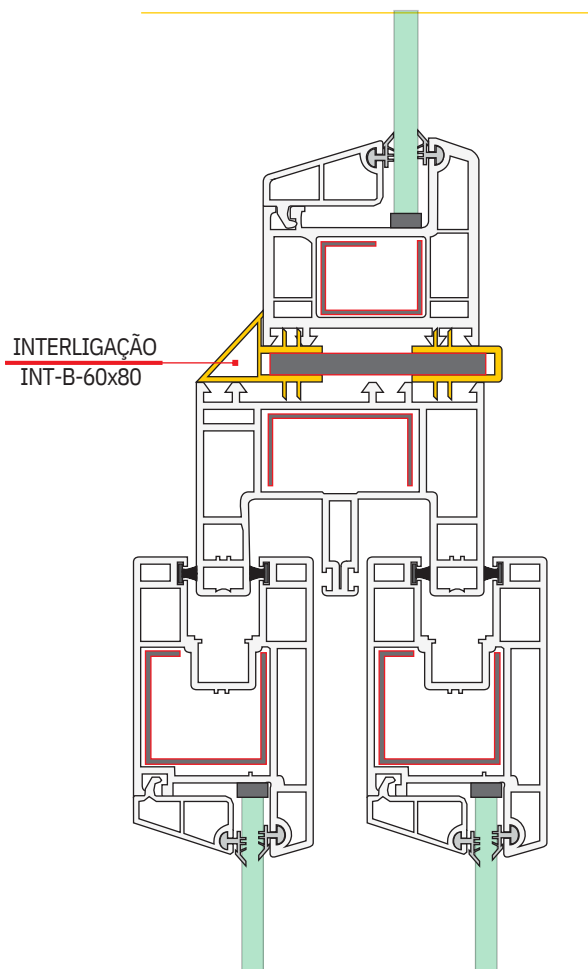
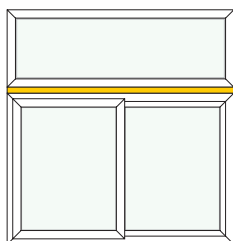
EXEMPLOS DE CONEXÕES

Bandeira / Peitoril - Marco 60mm x Marco 60mm



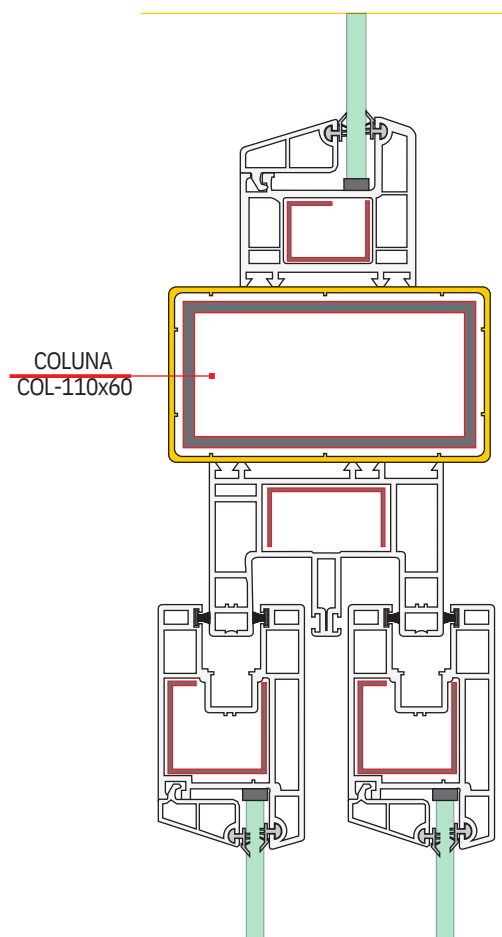
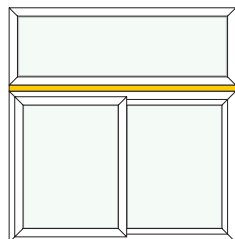
EXEMPLOS DE CONEXÕES

Bandeira / Peitoril - Marco 80mm x Marco 60mm



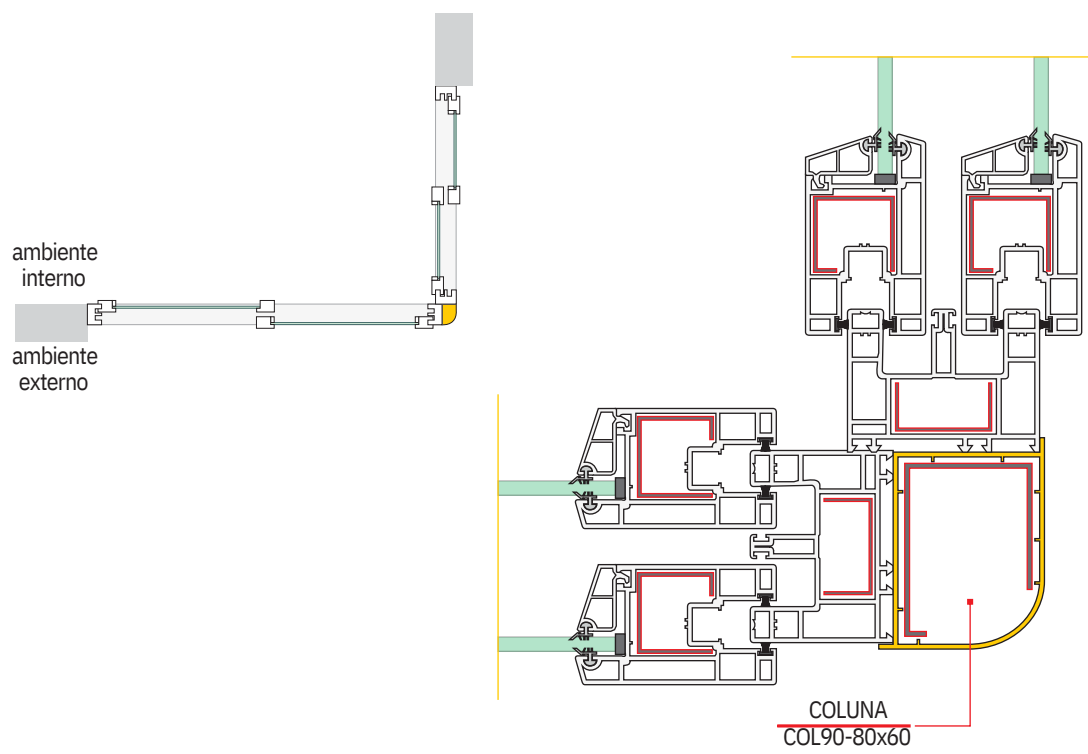
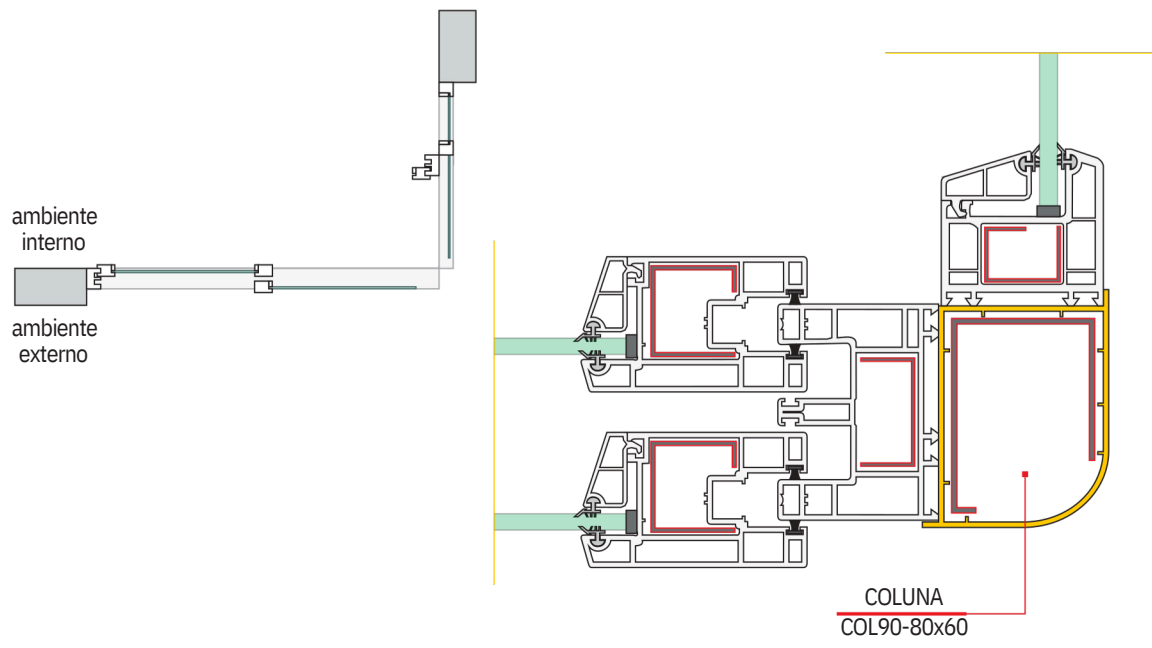
EXEMPLOS DE CONEXÕES

Bandeira / Peitoril - Marco 80mm x Marco 60mm



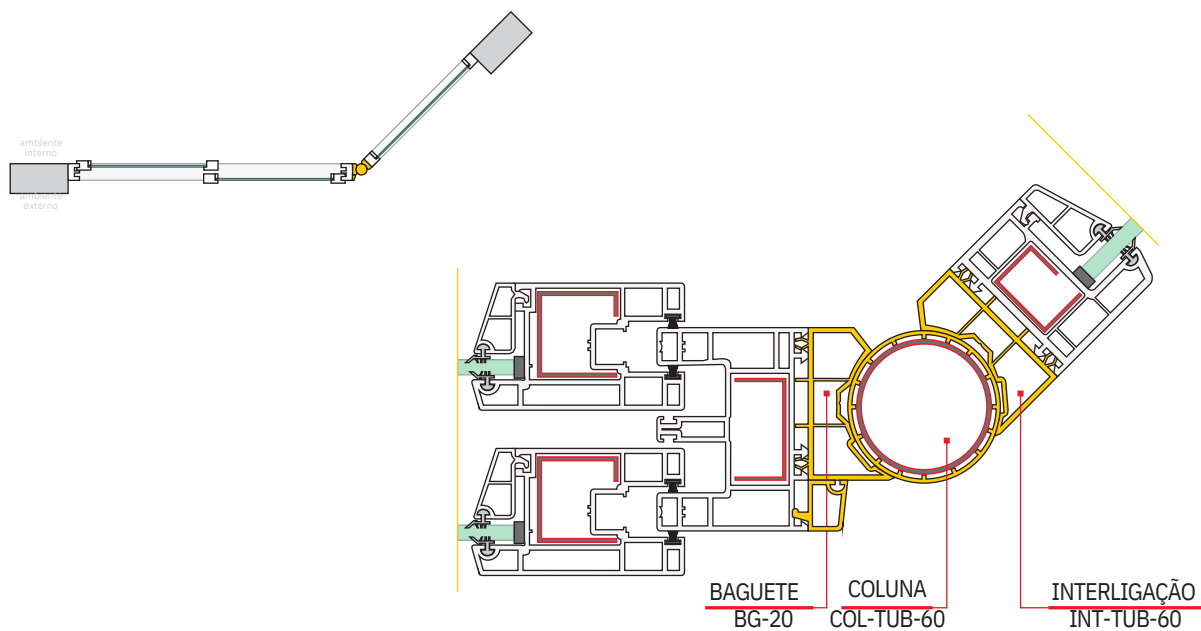
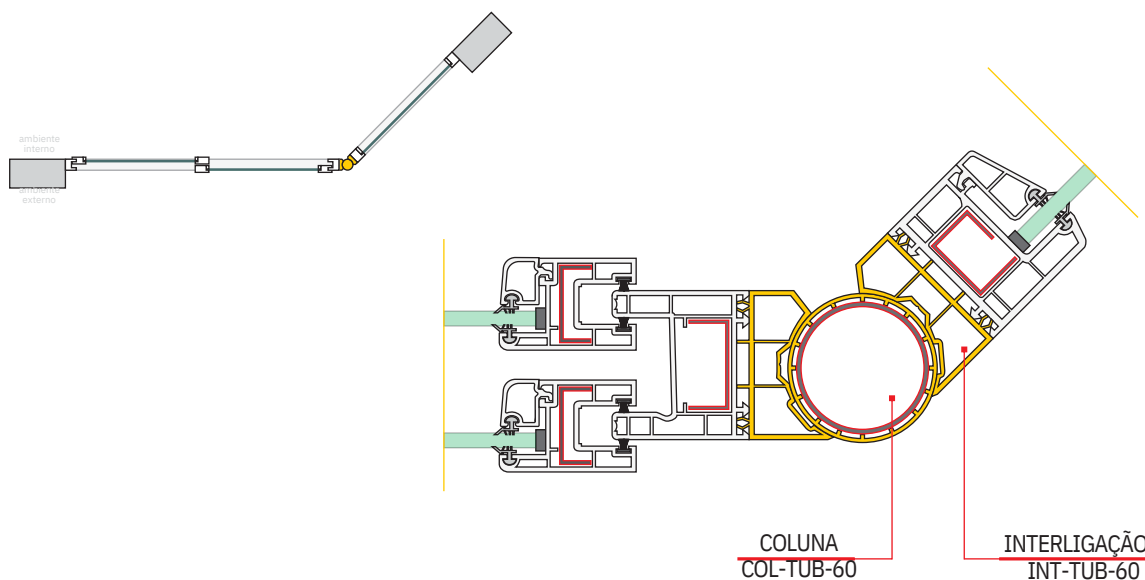
EXEMPLOS DE CONEXÕES

Conexão 90° - Marco 80mm x Marco 60mm



EXEMPLOS DE CONEXÕES

Conexão nº - Marco 60mm x Marco 60mm

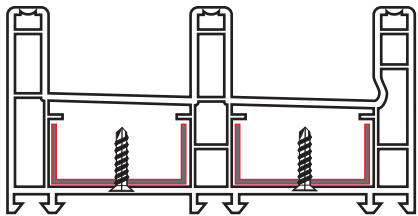




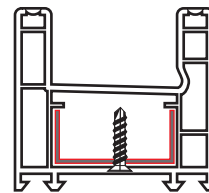
ALMAS DE AÇO

perfis principais

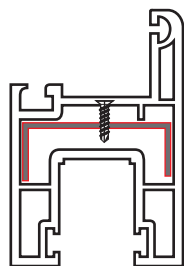
ALMAS DE AÇO



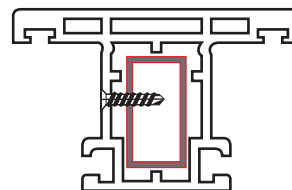
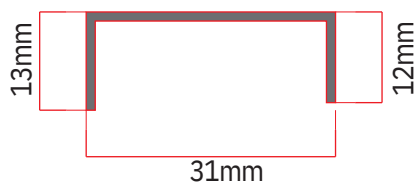
perfil: MC-60-3T
espessura: 1,25mm
peso / m: 0,608kg/m
 $L_x = 0,1630 \text{ cm}^4$
 $L_y = 1,4259 \text{ cm}^4$



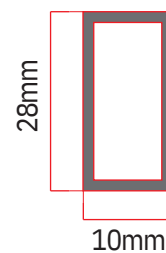
perfil: MC-60-2T
espessura: 1,25mm
peso / m: 0,608kg/m
 $L_x = 0,1630 \text{ cm}^4$
 $L_y = 1,4259 \text{ cm}^4$



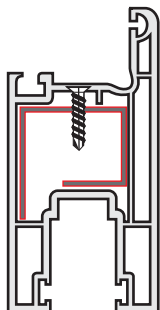
perfil: FC-55
espessura: 1,25mm
peso / m: 0,540kg/m
 $L_x = 0,0940 \text{ cm}^4$
 $L_y = 0,9328 \text{ cm}^4$



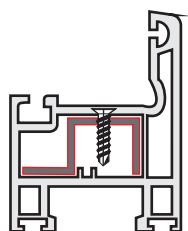
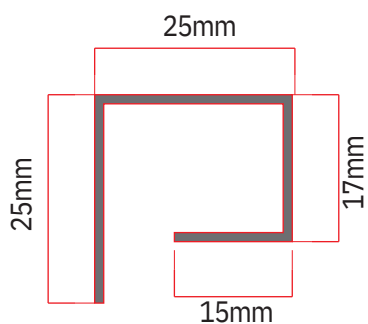
perfil: TC-55
espessura: 1,25mm
peso / m: 0,562kg/m
 $L_x = 0,2758 \text{ cm}^4$
 $L_y = 0,0434 \text{ cm}^4$



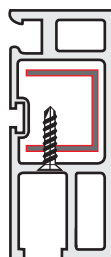
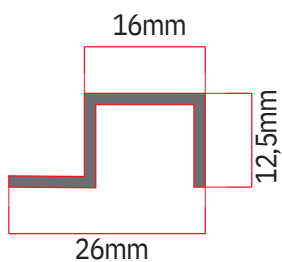
ALMAS DE AÇO



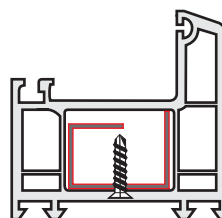
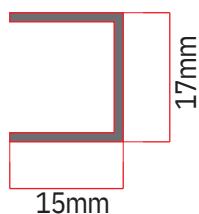
perfil: FC-75
espessura: 1,55mm
peso / m: 0,960kg/m
 $L_x = 0,6267 \text{ cm}^4$
 $L_y = 1,1240 \text{ cm}^4$



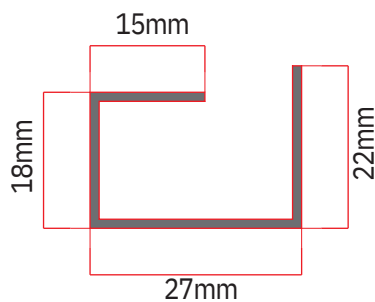
perfil: FG-85
espessura: 1,20mm
peso / m: 0,388kg/m
 $L_x = 0,0950 \text{ cm}^4$
 $L_y = 0,3945 \text{ cm}^4$



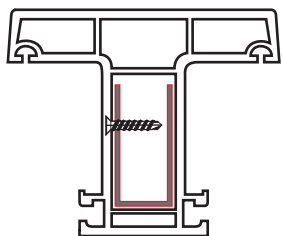
perfil: FCT-60
espessura: 1,25mm
peso / m: 0,733kg/m
 $L_x = 0,1283 \text{ cm}^4$
 $L_y = 0,2648 \text{ cm}^4$



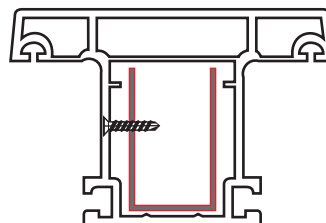
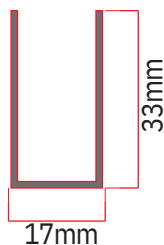
perfil: MA-60
espessura: 1,25mm
peso / m: 0,764kg/m
 $L_x = 0,5151 \text{ cm}^4$
 $L_y = 1,0587 \text{ cm}^4$



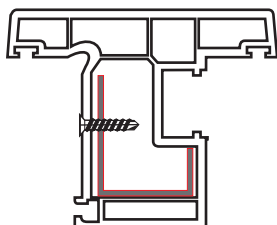
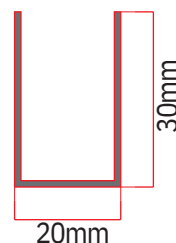
ALMAS DE AÇO



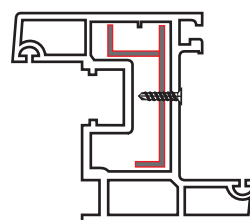
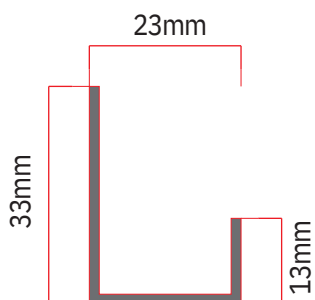
perfil: TA-60
espessura: 1,25mm
peso / m: 0,777kg/m
 $L_x = 0,5444 \text{ cm}^4$
 $L_y = 1,1234 \text{ cm}^4$



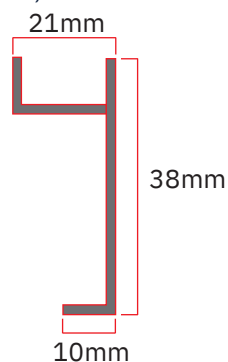
perfil: TC-130
espessura: 1,50mm
peso / m: 1,170kg/m
 $L_x = 1,0789 \text{ cm}^4$
 $L_y = 0,8331 \text{ cm}^4$



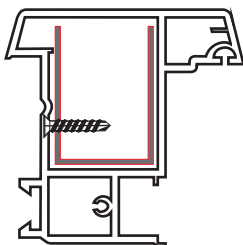
perfil: FAF-60
espessura: 1,50mm
peso / m: 0,807kg/m
 $L_x = 0,4442 \text{ cm}^4$
 $L_y = 1,3157 \text{ cm}^4$



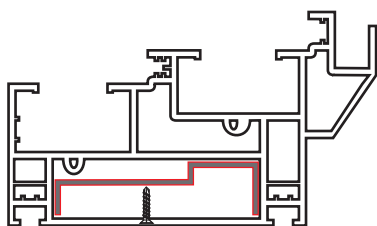
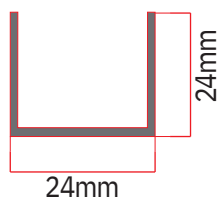
perfil: FAD-60
espessura: 1,50mm
peso / m: 0,670kg/m
 $L_x = 0,4495$
 $L_y = 1,7705$



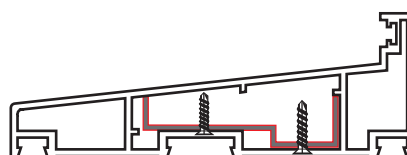
ALMAS DE AÇO



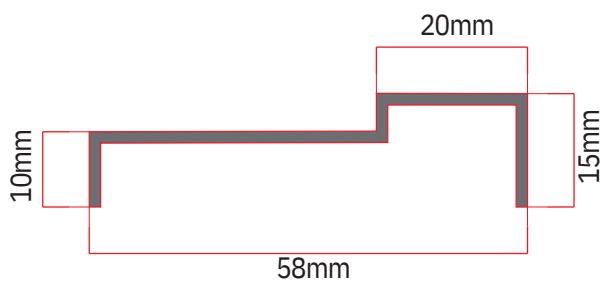
perfil: TF-60
espessura: 1,50mm
peso / m: 1,228kg/m
 $L_x = 0,6235 \text{ cm}^4$
 $L_y = 1,0283 \text{ cm}^4$



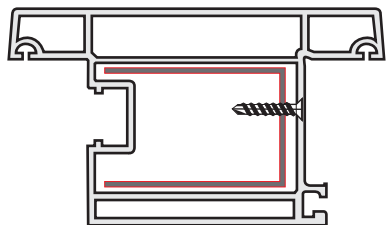
perfil: MG-85 / MGB-85
espessura: 1,50mm
peso / m: 0,776kg/m
 $L_x = 0,1403 \text{ cm}^4$
 $L_y = 5,1021 \text{ cm}^4$



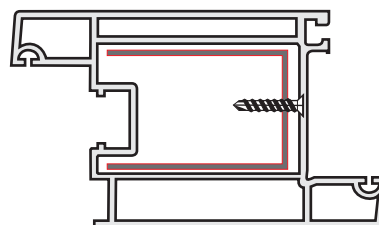
perfil: MG-85 / MGB-85
espessura: 1,50mm
peso / m: 0,776kg/m
 $L_x = 0,1403 \text{ cm}^4$
 $L_y = 5,1021 \text{ cm}^4$



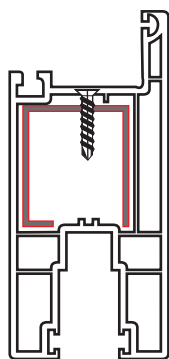
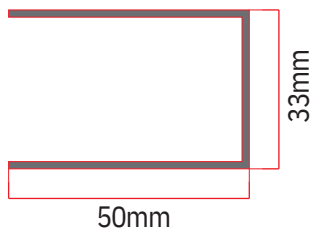
ALMAS DE AÇO



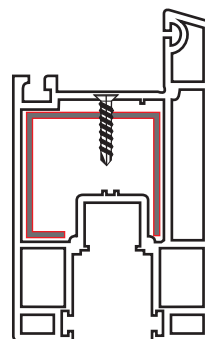
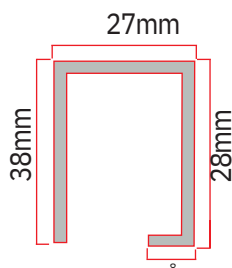
perfil: FAD-60plus
espessura: 1,15mm
peso / m: 1,755kg/m
Lx= 1,155 cm⁴
Ly= 1,755 cm⁴



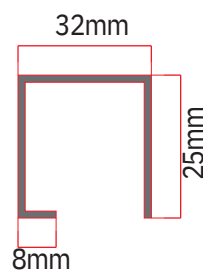
perfil: FAF-60plus
espessura: 1,15mm
peso / m: 1,755kg/m
Lx= 3,1950 cm⁴
Ly= 4,0077 cm⁴



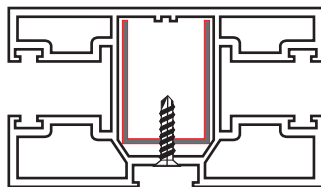
perfil: FC-100
espessura: 1,55mm
peso / m: 1,111kg/m
Lx= 1,4688 cm⁴
Ly= 1,8339 cm⁴



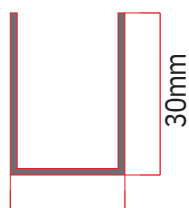
perfil: FC-88-130
espessura: 1,55mm
peso / m: 1,190kg/m
Lx= 1,0095 cm⁴
Ly= 2,2523 cm⁴



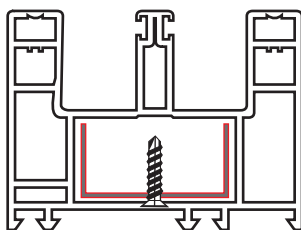
ALMAS DE AÇO



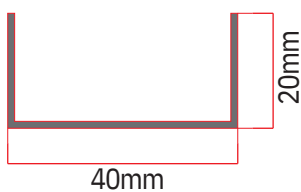
perfil: PE-GUIADUPLA
espessura: 1,25mm
peso / m: 0,749kg/m
Lx= 0,9127 cm⁴
Ly= 0,7159 cm⁴



20mm



perfil: MC-130
espessura: 1,25mm
peso / m: 1,200kg/m
Lx= 0,3799 cm⁴
Ly= 2,4269 cm⁴



40mm



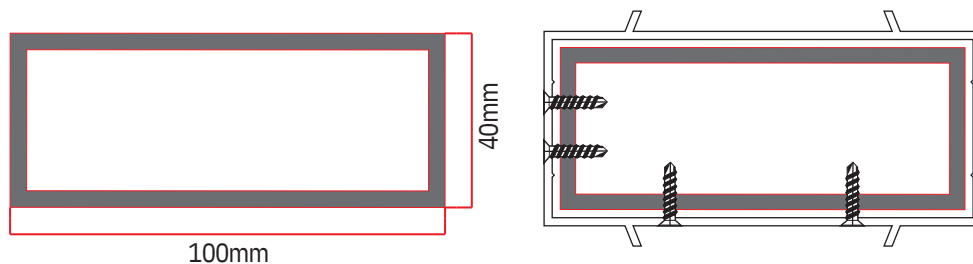


ALMAS DE AÇO

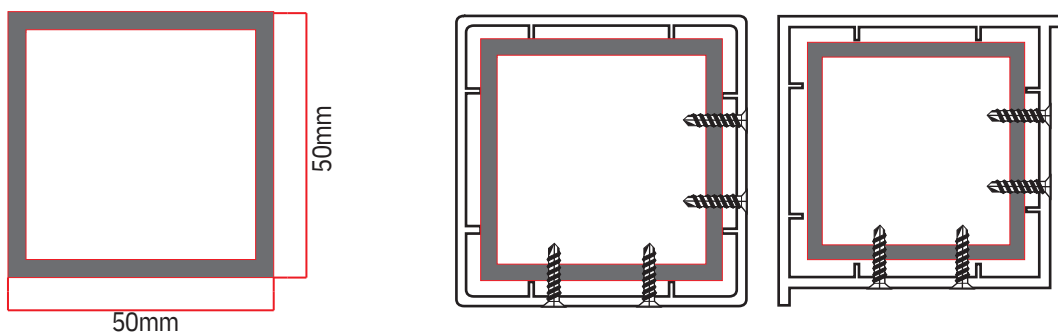
colunas e conexões

ALMAS DE AÇO

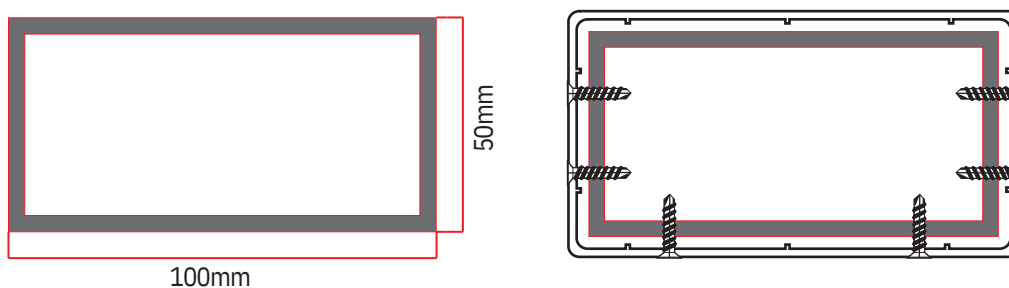
perfil: COL-108x48
espessura: 2,00mm
peso / m: 6,550kg/m
 $L_x = 16,0085 \text{ cm}^4$
 $L_y = 67,9125 \text{ cm}^4$



perfil: COL-60x60 / COL90-60x60
espessura: 2,00mm
peso / m: 4,680kg/m
 $L_x = 14,7712 \text{ cm}^4$
 $L_y = 14,7712 \text{ cm}^4$

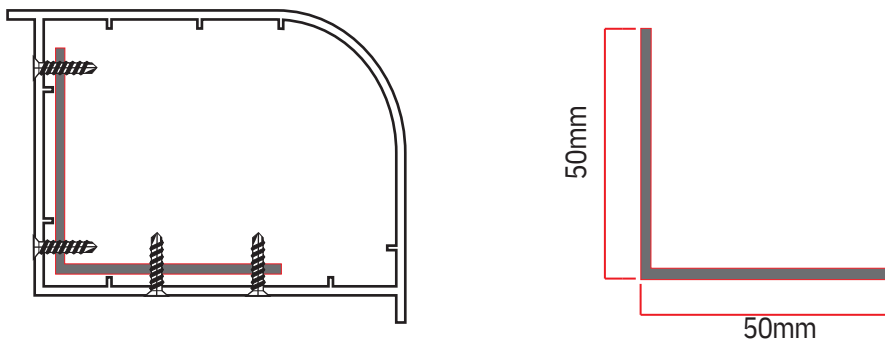


perfil: COL-110-60
espessura: 2,00mm
peso / m: 7,020kg/m
 $L_x = 26,2978 \text{ cm}^4$
 $L_y = 77,5178 \text{ cm}^4$

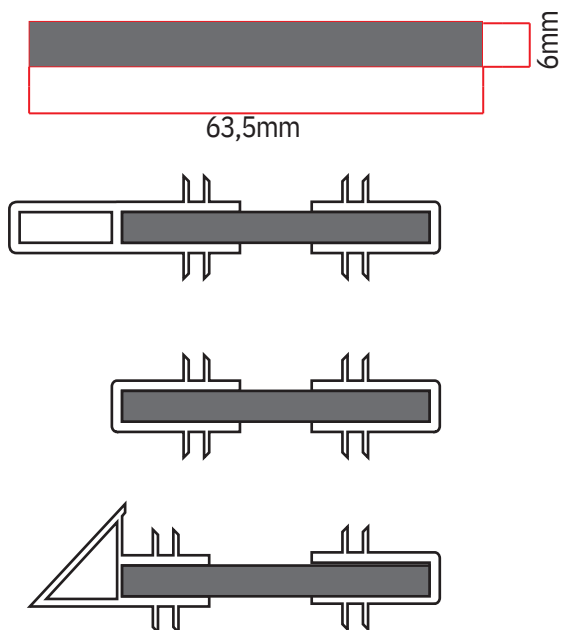


ALMAS DE AÇO

perfil: INT-90-60X80
espessura: 1,55mm
peso / m: 2,90kg/m
 $L_x = 0,0316 \text{ cm}^4$
 $L_y = 1,0522 \text{ cm}^4$

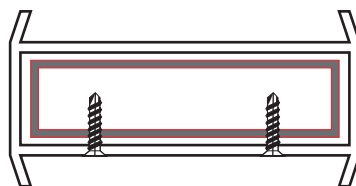


perfil: INT-A-60 / INT-A-80 / INT-A-60-80
espessura: 6mm
peso / m: 3,353kg/m
 $L_x = 0,1143 \text{ cm}^4$
 $L_y = 12,8023 \text{ cm}^4$

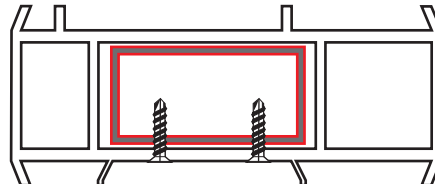
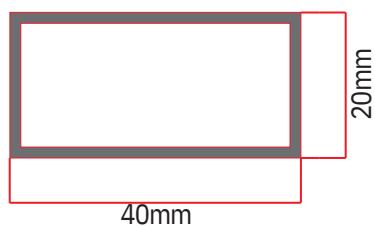


ALMAS DE AÇO

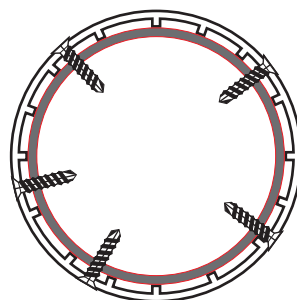
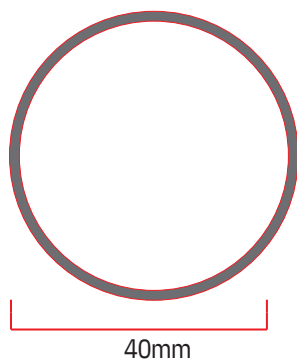
perfil: COL-60
espessura: 1,55mm
peso / m: 2,464kg/m
 $L_x = 0,2220 \text{ cm}^4$
 $L_y = 5,1278 \text{ cm}^4$



perfil: COL-80
espessura: 1,55mm
peso / m: 2,112kg/m
 $L_x = 1,1824 \text{ cm}^4$
 $L_y = 3,5907 \text{ cm}^4$



perfil: COL-TUB-60
espessura: 2,00mm
peso / m: 2,370kg/m
 $L_x = 4,3215 \text{ cm}^4$
 $L_y = 4,3215 \text{ cm}^4$





PRIMEIRA LINHA

ESQUADRIAS EM ALTO PADRÃO

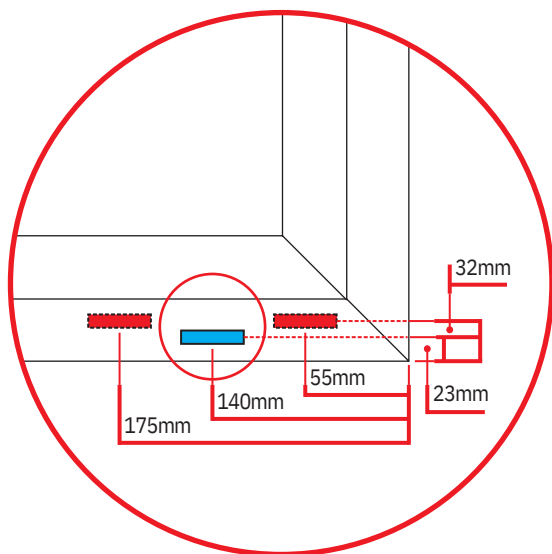
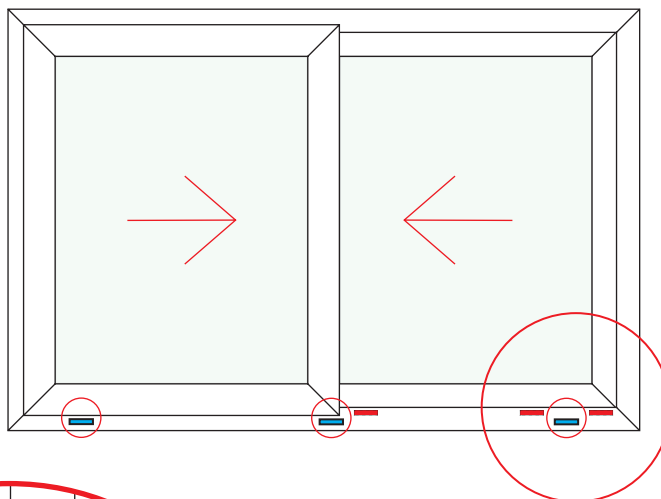
ESQUEMAS

Drenos

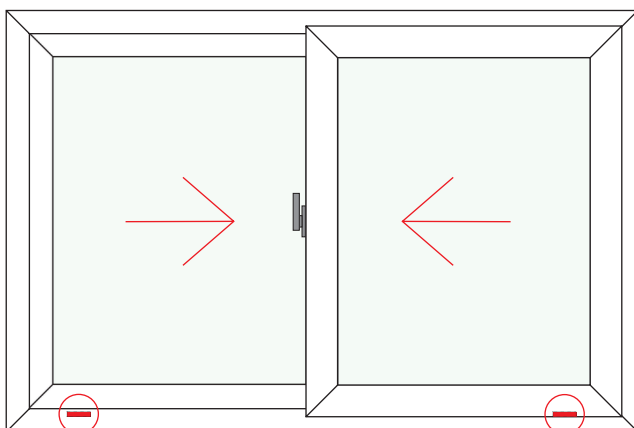
DRENOS

- DRENOS EXTERNOS
- DRENOS INTERNOS

Vista Externa



Vista Interna





PRIMEIRA LINHA

ESQUADRIAS EM ALTO PADRÃO

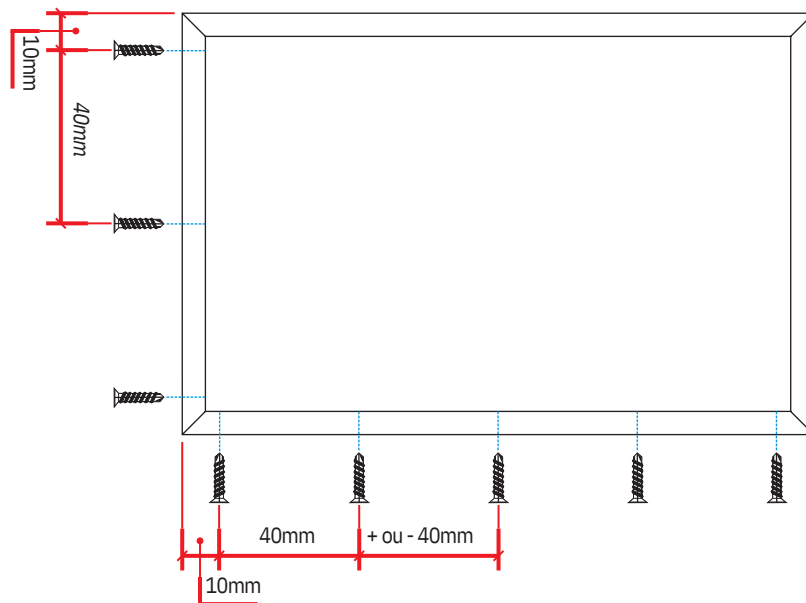
ESQUEMAS

Usinagens

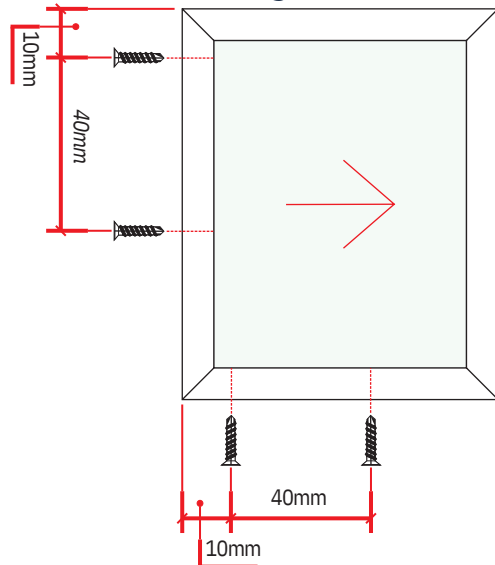
Usinagens

- Usinagem dos Marcos
- Usinagem de Folhas

Usinagem de Marco



Usinagem de folha





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