

STYLE 76

Profile system Trocal 76 MD with 6 chambers

Profilsystem Trocal 76 mit 6 Kammer
 Sistema di profili Trocal 76 con 6 camere
 Sistemul de profile cu 6 camere Trocal 76



Profile System Manufacturer
 Profine
 Troisdorf
 Deutschland



Heat transfer coefficient up to
 Wärmedurchgangskoeffizient bis
 Transmittanza termica fino a
 Transmitanta termica pana la $U_f = 1,0 \text{ W}/(\text{m}^2\text{K})$



Resistance to wind load up to
 Widerstandsfähigkeit gegen Windlast bis
 Resistenza ai carichi di vento fino a
 Rezistentă la încărcarea din vant pana la Clasa C5/B5



Tightness against driving rain - unprotected (A) up to
 Schlagregendichtheit - Ungeschützt (A) bis
 Tenuta all'acqua metodo di prova A fino a
 Etanșeitatea la apă expunere directă pana la 9A



Air permeability up to
 Luftdurchlässigkeit bis
 Tenuta all'aria fino a
 Permeabilitatea aerului pana la Clasa 4



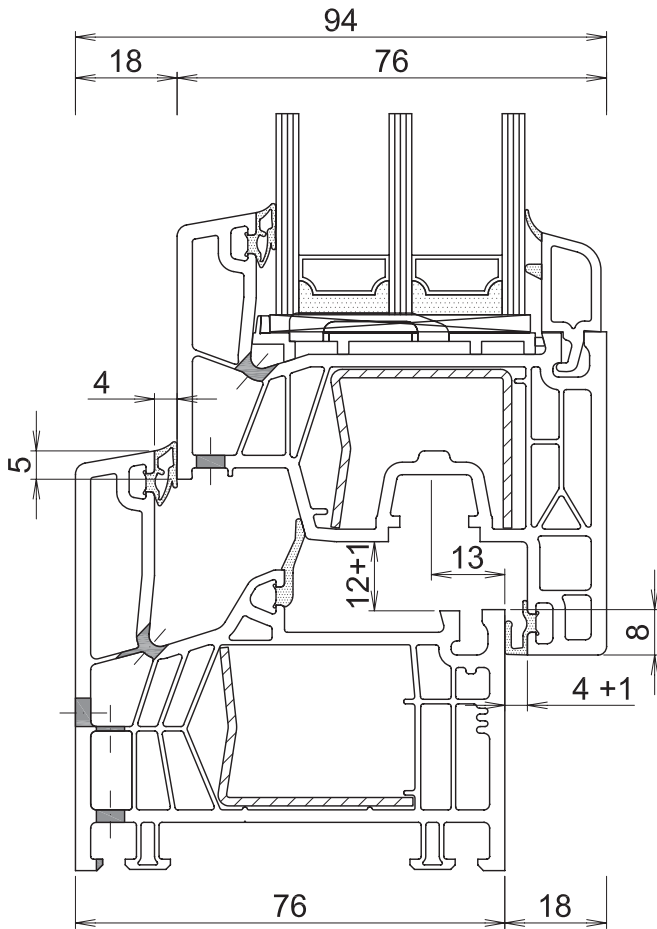
Sound insulation up to
 Schallschutz bis
 L'isolamento acustico fino a
 Izolarea acustică pana la 48 dB



Burglar-resistant up to
 Einbruchhemmung bis
 Resistenza antieffrazione fino a
 Rezistentă antifracție pana la RC 2 (WK 2)

HERCULES 70 BORA ROLLO FRONT ROLLO TOP GLASS GLASS HARDWARE BESCHLÄG
 PREMIDOOR 88 PREMIDOOR 76 KUBUS PASIV 82 STYLE 76 RONDO PERFORMER 74

System features / Systemmerkmale / Caratteristiche del sistema / Caracteristici Sistem



ENG

- Centre seal system with 76 mm installation depth, in a modern design.
- Weldable PCE or EPDM gasket in light grey or black.
- Intelligent chamber design for high thermal stability.
- Fast and effective ventilation either to the front or invisibly downwards.
- Wide range of extensions and ancillary profiles for simple and professional installations.
- 16–48 mm panes and panelling also possible.
- Simple and reliable installation safeguarded by support lobes and additional thicknesses in the screw channels.
- Additional sash rebate gasket for enhanced thermal insulation.
- Slender sight line with high thermal insulation.

GER

- Mitteldichtungssystem mit 76 mm Bautiefe, in modernem Design.
- Verschweißbare PCE oder EPDM Dichtung in lichtgrau oder schwarz.
- Hohe Thermostabilität durch intelligente Kammerkonstruktion.
- Schnelle und effektive Be- und Entlüftung - wahlweise nach vorn oder verdeckt nach unten.
- Einfach und fachgerechte Montage durch umfangreiches Zusatz- und Nebenprofilprogramm.
- Einsatz von Gläsern oder Füllung von 16 - 48 mm möglich.
- Stütznocken und Aufdickungen in den Schraubkanälen gewährleisten eine einfache und sichere Montage.
- Erhöhte Wärmedämmung durch zusätzliche Flügelfalzdichtung.
- Schmale Ansichtsbreite bei hoher Wärmedämmung.

ITL

1. Sistema a 6 camere con tre guarnizioni e profondità di 76 mm. Design moderno con anta a gradino o sagomata.
2. Grazie al disegno intelligente delle camere viene raggiunto il valore ottimale di isolamento termico di $U_f = 1,0 \text{ W (m}^2\text{K)}$
3. Guarnizioni PCE saldabili o tradizionali guarnizioni EPDM in grigio o nero.
4. Ventilazione veloce ed efficace – a scelta verso la parte anteriore o verso il basso.
5. Fermavetro arretrato con guarnizione a labbro coestrusa, per un miglior aspetto estetico.
6. Miglior isolamento termico grazie ad un ampio spettro di montaggio vetri da 24 a 48 mm.
7. Montaggio sicuro grazie ad un perfetto adattamento tecnico costruttivo con davanzali interni ed esterni e profili di collegamento.
8. Scarsa manutenzione grazie al posizionamento della ferramenta nella zona dietro alla guarnizione termica centrale.

ROM

- Izolarea termică optimă. Datorită camerelor izolatoare special concepute în forma „V” se ajunge la coeficientul de transfer termic pe profil $U_f = 1,0 \text{ W/m}^2\text{K}$;
- Curățarea ușoară este datorată suprafeței lucioase a profilului PVC și a garniturilor integrate în profil din PCE sau EPDM în culorile gri sau negru;
- Protecția perfectă la intemperii se datorează garniturilor coextrudate. Etanșarea garniturii de mijloc este îmbunătățită prin suprapunerea de 4,5 mm pe cerevea;
- Aerisirea este controlată, acest deziderat fiind realizat printr-un concept nou cu grile de aerisire integrate în toc;
- Designul elegant cu muchii drepte permite și combinația cu diferite plăcări de aluminiu, precum și posibilitatea folosirii cercevelor rotunjite;
- Izolarea fonică sporită și datorită pachetului de geam de până la 48 mm, ajungându-se la valori de izolare fonică de 48 dB.

Color program / Dekorübersicht / Programma Colori / Program culori

Dekore Pellicola Folie	Color shades Farbbezeichnung Colore Denumire culoare	Laminated		Suport material Trägermaterial Colore Massa Material Bază	Renolit code Renolit Code Codice Renolit Cod Renolit	Gasket Dichtung Guarnizione Garnitura
		ext	int			
Wood grain / Holzdekore / Effetto Legno / Imitatie Lemn	Sheffield Oak Light	x	x	braun	F456-3081	gray
	Sheffield Oak Grey	x	x	braun	F436-3086	gray
	Eiche Natur	x	x	braun	9.03118076-116800	gray
	Bergkiefer	x	x	braun	9.3069041-116700	gray
	Oregon	x	x	braun	9.1192001-116700	gray
	Streifen-Douglasie	x	x	braun	9.3152009-116700	gray
	Winchester XA	x	x	braun	9.0049240-114800	gray
	Golden Oak	x	x	braun	9.2178001-116700	black
	Soft Cherry	x	x	braun	9.3214009-119500	gray
	Siena PR	x	x	braun	9.0049233-114800	gray
	Siena PN	x	x	braun	9.0049237-114800	black
	Nussbaum V	x	x	braun	9.2178007-116700	black
	Eiche Dunkel FL-F1	x	x	braun	9.2052089-116700	black
	Mooreiche ST-F	x	x	braun	9.3167004-116700	black
	Macore	x	x	braun	9.3162002-116700	black
	Sapeli	x	x	braun	9.2065021-116700	black
	Black Cherry	x	x	braun	9.3202001-116700	black
	Desert Oak	x	x	braun	2.0057.004-130300	black
Mountain Oak	x	x	braun	2.0057.006-130300	black	
Single Colors / Uni -Farben / Uni-culore / Culori Uni	Crystal White Ash	x	x	white	47 852-117900	gray
	Cremeweiss	x	x	white	02.20.11.000001-116700	gray
	Lichtgrau 7251	x	x	white	725105-116700	gray
	Grau 7155	x	x	white	715505-116700	gray
	Basaltgrau 7012	x	x	white	701205-116700	gray
	Anthrazitgrau	x	x	white	701605-116700	black
	Anthrazitgrau 7016 Glatt	x	x	white	701605-808300	black
	Dunkelrot 3081	x	x	white	308105-116700	black
	Winerot 3005	x	x	white	300505-116700	black
	Moosgrun 6005	x	x	white	600505-116700	black
	Dunkelgrun 6125	x	x	white	612505-116700	black
	Schwarzbraun 8518	x	x	white	851805-116700	black
	Metbrush Aluminium	x	x	white	F436-1001	gray
	Metbrush Messing	x	x	white	F436-1007	gray

PERFORMER 74

RONDO

STYLE 76

PASIV 82

KUBUS

PREMIDOOR 76

PREMIDOOR 88

PREMIDORE 88

PREMIDORE 88

PREMIDORE 88

PREMIDORE 88

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PREMIDORE 88

PREMIDORE 88

Nachweis
Wärmedurchgangskoeffizient

Prüfbericht
Nr. 13-001890-PR13
(PB-K20-06-de-01)



Auftraggeber profine GmbH
International Profile Group
Mülheimer Straße 26
53840 Troisdorf
Deutschland

Grundlagen *)
EN 14351-1:2008+A1:2010
EN 12412-2:2003-07
*) und entsprechende nationale Fassungen
(z.B. DIN EN)

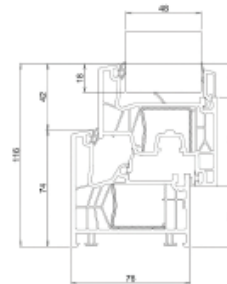
Produkt Kunststoffprofil, Profilkombination: Flügelrahmen –
Blendrahmen

Bezeichnung **KBE 76**
KÖMMERLING 76
TROCAL 76

Leistungsrelevante Produktdetails Material Kunststoff – PVC hart; Ansichtsbreite B in mm 116;
Blendrahmen; Profilquerschnitt, Breite in mm 74; Profilquerschnitt, Dicke in mm 76; Aussteifung; Material Metall - Stahl verzinkt; Flügelrahmen; Profilquerschnitt, Breite in mm 78; Profilquerschnitt, Dicke in mm 76; Aussteifung; Material Metall - Stahl verzinkt; Ersatzpaneel; Dicke in mm 48; Einstand in mm 18

Besonderheiten --

Darstellung



Verwendungshinweise

Die ermittelten Ergebnisse können vom Hersteller als Grundlage für den herstellereigenen zusammenfassenden ITT-Bericht verwendet werden. Die Festlegungen der geltenden Produktnorm sind zu beachten.

Ergebnis

Wärmedurchgangskoeffizient



$U_f = 1,0 \text{ W/(m}^2\text{K)}$

Gültigkeit

Die genannten Daten und Einzelergebnisse beziehen sich ausschließlich auf den geprüften/beschriebenen Probekörper. Diese Prüfung/Bewertung ermöglicht keine Aussage über weitere leistungs-/qualitätsbestimmende Eigenschaften des Produkts; insbesondere Witterungs- und Alterungseinflüsse wurden nicht berücksichtigt.

Veröffentlichungshinweise

Es gilt das "Merkblatt zur Benutzung von ift-Prüfdokumentationen". Das Deckblatt kann als Kurzfassung verwendet werden.

Inhalt

Der Nachweis umfasst insgesamt 6 Seiten und Anlage (1 Seite).

ift Rosenheim
28.08.2013



Konrad Huber, Dipl.-Ing. (FH)
Stv. Prüfstellenleiter
Bauphysik



Sebastian Unterholzner, Dipl.-Ing. (FH)
Prüfingenieur
Wärme & Klima

Ve-PB0-1190-de (01.10.2012)

 ift Rosenheim GmbH
Geschäftsführer:
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Anerkante P.C.-Stelle: BAY 18
 DAP-ZE-2288-00
DGA-IS-4285-00

 DAkkS
Deutsche
Akkreditationsstelle
D-PL-11349-01-60
D-ZM-11349-01-00

Nachweis
Wärmedurchgangskoeffizient

Prüfbericht
Nr. 13-001890-PR01
(PB-K20-06-de-01)



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International Profile Group
Mülheimer Straße 26
53840 Troisdorf
Deutschland

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(z.B. DIN EN)

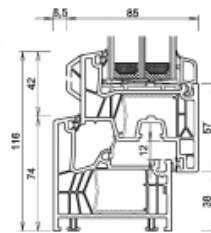
Produkt Kunststoffprofil, Profilkombination: Flügelrahmen –
Blendrahmen

Bezeichnung **KBE 76**
KÖMMERLING 76
TROCAL 76

Leistungsrelevante Produktdetails Material **Kunststoff – PVC hart**; Ansichtsbreite B in mm **116**;
Blendrahmen; Profilquerschnitt, Breite in mm **74**; Profilquerschnitt, Dicke in mm **76**; **Aussteifung**; Material **Metall - Stahl verzinkt**; Flügelrahmen; Profilquerschnitt, Breite in mm **78**; Profilquerschnitt, Dicke in mm **76**; **Aussteifung**; Material **Metall - Stahl verzinkt**; Ersatzpaneel; Dicke in mm **48**; Einstand in mm **18**

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Ergebnis

Wärmedurchgangskoeffizient



$$U_f = 1,1 \text{ W/(m}^2\text{K)}$$

ift Rosenheim
14.08.2013

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Wärme & Klima

Ve-#90.1190-de (01.10.2012)



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Notified Body Nr.: 0767
Anerkennungszahl: PIG-SteB: BAY 18
DAP-DE-2388-00
DGA-IS-4265-00



PERFORMER 74
RONDO
STYLE 76
PASIV 82
KUBUS
PREMIDOOOR 76
PREMIDOOOR 88
PREMILINE
BESCHLÄG
HARDWARE
GLASS
GLASS
ROLLO TOP
ROLLO FRONT
BORA
HERCULES 70

Nachweis

Widerstandsfähigkeit bei Windlast, Schlagregendichtheit, Luftdurchlässigkeit, Bedienkräfte, Mechanische Beanspruchung, Dauerfunktion, Stoßfestigkeit, Tragfähigkeit von Sicherheitsvorrichtungen

Gutachtliche Stellungnahme

Nr. 12-002529-PR65
(GAS-A01-020310-de-02)



Auftraggeber **profine GmbH International Profile Group**
Zweibrücker Straße 200
66954 Pirmasens
Deutschland

Fenster und Fenstertüren mit den Öffnungsarten:
Dreh, Drehkipp, Fest und zweiflügelig mit
offenbarem Mittelstück, Parallel-Schiebekipp

Bauteil

Systembezeichnung **KBE 76 / Kömmerling 76 / TROCAL 76**

Rahmenmaterial **PVC-U/weiß**

Mitteldichtung / Aluminium Deckschalen AluClip / tragende Vorsatzschale
AluClip Pro / Vorsatzflügel AddOn / Vorsatzflügel mit Aluminium Deckschalen
AluClip AddOn / Bodenschwelle

Besonderheiten

Probekörpertyp	1	2	3	4	5
Darstellung					
Eigenschaft	Klassifizierung				
EN 12210 Widerstandsfähigkeit bei Windlast	bis C5 / B5	C5 / B5	C1 / B2	bis C3 / B5	C2 / B2
EN 12208 Schlagregendichtheit	9A	9A	9A	9A	9A
EN 12201 Luftdurchlässigkeit	4	4	4	4	4
EN 13115 Bedienkräfte	1	1	1	1	1
EN 13115 Mechanische Beanspruchung	4	4	4	4	4
EN 12400 Dauerfunktion	2	2	2	2	2
EN 13420 Differenzklimaverhalten	keine Beeinträchtigung der Funktion				
EN 13049 Stoßfestigkeit	2 Die Stoßfestigkeit wurde an einem Probekörper durchgeführt mit den Flügelmaßen 1000 mm x 1000 mm				
 Tragfähigkeit von Sicherheitsvorrichtungen	Anforderung erfüllt				
Eignung von Kunststofffensterprofilen nach FE 13/1: 2011-04					Anforderung erfüllt
Laibungs- und Falzhindernisstest nach RAL-RG 607/3: 1995-02 Güte- und Prüfbestimmungen für Drehbeschläge und Drehkippbeschläge					Anforderung erfüllt

Grundlagen

EN 14351-1 : 2006-03+A1:2010, Fenster und Außentüren – Produktnorm
RAL-RG 607/3 : 1995-02
ift-Richtlinie FE-13/1 : 2011-04
Prüfnormen:
EN 1026 : 2000-06
EN 1027 : 2000-06
EN 12211 : 2000-06
EN 12048-1 : 2003-11
EN 14808 : 2004-03
EN 14809 : 2004-03
EN 1191 : 2000-02
EN 13049 : 2003-04
EN 13420 : 2011-04
GS Nr. 12-002529-PR65 (GAS-A01-020310-de-01) vom 12.03.2014

Verwendungshinweise

Diese Gutachtliche Stellungnahme dient zum Nachweis der nebenstehenden Eigenschaften für Fenster.

Diese Gutachtliche Stellungnahme umfasst nicht alle in der Produktnorm aufgeführten Leistungseigenschaften.

Gültigkeit

Die genannten Daten und Einzelergebnisse beziehen sich ausschließlich auf den geprüften/ beschriebenen Probekörper. Die Klassifizierung gilt so lange das Produkt unverändert ist und die o.g. Grundlagen sich nicht geändert haben. Das Ergebnis kann unter Beachtung entsprechender Festlegungen der Produktnorm in Eigenverantwortung des Herstellers übertragen werden. Diese Prüfung/Bewertung ermöglicht keine Aussage über weitere leistungs- und qualitätsbestimmende Eigenschaften der vorliegenden Konstruktion; insbesondere Witterungs- und Alterungseinflüsse wurden nicht berücksichtigt.

Veröffentlichungshinweise

Es gilt das ift-Merkblatt "Werbung mit ift-Prüfdokumentationen". Das Deckblatt kann als Kurzfassung verwendet werden.

Inhalt

Die Gutachtliche Stellungnahme umfasst insgesamt 13 Seiten.

- 1 Auftrag
- 2 Grundlage
- 3 Beurteilung
- 4 Ergebnis und Aussage

ift Rosenheim
29.09.2014

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Anerkannte Stelle
Notified Body 0757
PRÜF-Stelle: BA 13

DAkkS
Notified Body
D-PL-11048-01-00
D-PL-11048-01-00

DAkkS
Notified Body
D-PL-11048-01-00
D-PL-11048-01-00

Verleihungsurkunde Gütezeichen RAL-GZ 716



Die Gütegemeinschaft Kunststoff-Fensterprofilsysteme e.V. verleiht nach Erfüllung der Güte- und Prüfbestimmungen RAL-GZ 716, Teil 1 der Firma

profine GmbH International Profile Group
Mülheimer Str. 26, 53840 Troisdorf

für das Profilsystem

KBE 76 / Kömmerling 76 / TROCAL 76

das von RAL Deutsches Institut für Gütesicherung und Kennzeichnung e.V. anerkannte und durch Eintragung beim Deutschen Patent- und Markenamt als Kollektivmarke geschützte

RAL-Gütezeichen für
Kunststoff-Fensterprofilsysteme



Dieser Gütezeichenerteilung liegen eine Systembeschreibung, sowie Prüfnachweise von Probekörpern zugrunde. Eine Zusammenfassung der Nachweise findet sich im „RAL-Systempass“, der dadurch eine Kurzbeschreibung des Profilsystems darstellt. Die Aktualität von Systembeschreibung und Systemprüfungen wird über eine regelmäßige Güteüberwachung durch eine neutrale Prüfstelle kontrolliert.

erstmalige Erteilung
27.03.2014

ausgestellt am
27.03.2014


Gerald Feigenbutz
Geschäftsführer

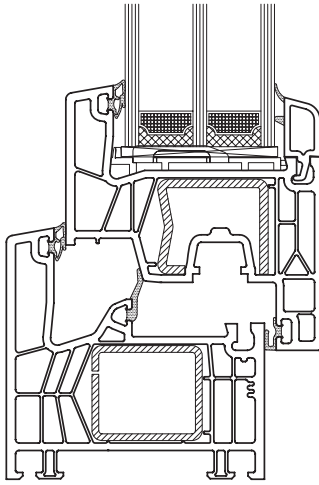

Peter Czajkowski
Obmann des Güteausschuss



Die Gültigkeit dieser Verleihungsurkunde kann auf www.gkfp.de verifiziert werden.

HERCULES 70 BORA ROLLO FRONT ROLLO TOP GLASS GLASS BESCHLÄG HARDWARE PREMILINE PREMIDOOR 88 PREMIDOOR 76 KUBUS PASIV 82 STYLE 76 RONDO PERFORMER 74

Sound insulation test reports / Übersicht Schallprüfzeugnisse / Certificati d'isolamento acustico /
 Certificate izolare fonica

Element description Elementbeschreibung Descrizione elemento Descriere element	Pane structure (mm) Scheibenaufbau (mm) Struttura vetro (mm) Structura geam (mm)	Obtained values $R_w.P=dB$ Erreichte Werte $R_w.P=dB$ Valori raggiunti $R_w.P=dB$ Valori obtinute $R_w.P=dB$
	4-16-4	33
	4-12-4-12-4	33
	6-16-4	37
	8-16-4	38
	6-16-4-14-4	39
	8 VSG SI-16-8	45
	8 VSG SI-16-8 VSG SI	47
	12 VSG SI-20-8 VSG SI	47
	14 VSG SI-24-10 VSG SI	47
	12 VSG SI-12-6-12-8 VSG SI	48
	4-18-4-18-4	34
	6-16-4-18-4	40
	10-14-6-12-6	42
	10/16-4	39
	8 VSG SI-16-10	45
	12 VSG SI-16-8 VSG SI	46
	6-12-4-12-4	39
	8-12-4-12-4	40
	10-12-4-12-6	42
	8 VSG SI-12-6-12-8 VSG SI	46
10-14-4-14-6	42	
8 VSG SI-14-4-14-6	44	

Symbol Legend / Symbol Legende / Legenda Simboli / Legenda simboluri



Window / Fenster /
Finestra / Fereastră



Window with mullion /
Finster mit Pfosten /
Finestra con montante /
Fereastră cu montant



Terrace door / Balkontüre
Porta balcone / Usa balcon



Door with sash rail /
Tür mit Flügelsprosse /
Porta con traversa /
Usa cu traversa



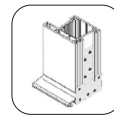
Residential Door / Haustüre
Portoncino / Usa intrare



Outswing door
Außenöffnende Türen
Porta con apertura verso l'esterno
Usa cu deschidere exterioara



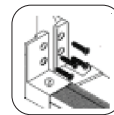
Renovation profile /
Renovierungs-Blendrahmen /
Telaio ristrutturazione / Toc de
renovare



Threshold /
Haustürschwelle /
Sotto soglia /
Prag aluminiu



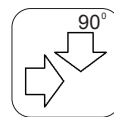
Window handle / Fenstergriff
Maniglia finestra / Maner fereastră



Threshold SLM /
Haustürschwelle LFM /
Soglia in luce telaio /
Prag montat in flat



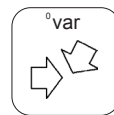
Double side door handle /
Fenstergriffe mit Arretierung
Maniglia passante / Maner dublu



Coupling profiles 90 /
Kopplungsprofile 90 /
Profili di accoppiamento 90 /
Profile de cuplare 90



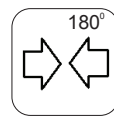
Door Handle / Drückergarnitur /
Maniglione / Maner usa



Variable bay pole /
Variable Eckkopplung /
Giunto angolare variabile /
Profile de cuplare unghi variabil



Flag door hinge / Haustürband /
Cerniera a bandiera / Balama usa



H coupler /
H Schieber /
Profilo di accoppiamento /
Profil cuplare



Door hinge RB / Haustürband RB /
Cerniera tubolare /
Balama tubulara usa



Outer frame extension /
Blendrahmen Verbreiterung /
Allargatore Telaio /
Profile extensie toc



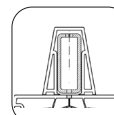
Double hung window /
Stulpfenster / *Finestra a due ante /*
Fereastră in doua canate



Bank connection profile /
Sohlbankprofile /
Profilo di appoggio inferiore /
Profile suprainaltare pervaz



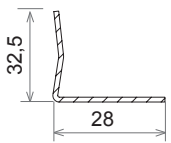
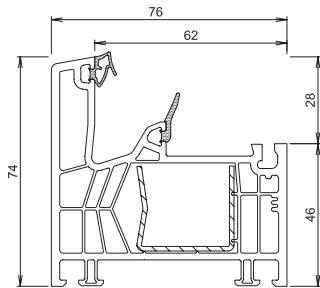
Extention profile /
Höhenausgleichsprofil /
Zoccolo porta / Bandou usa



Reinforcing plant-on profile /
Statik-Aufsatz /
Rinforzo /
Ranforsare aplicată

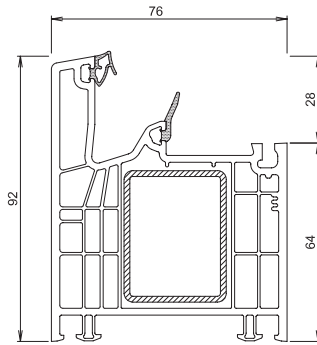
Frame profiles / Rahmenprofile / Profili Telaio / Profile Toc

Profile: 76171
Steel V303
32,5x28x35 - 1,5 mm

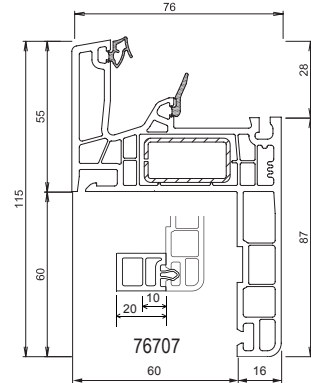


Alternative Steel V300
32,5x28 - 1,5 mm

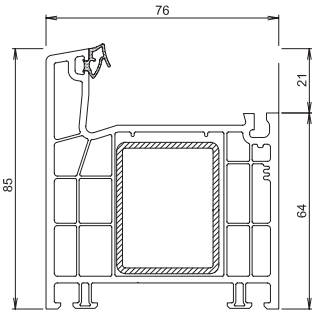
Profile: 76172
Steel V314
45x35 - 2 mm



Profile: 76181
Steel V299
33x17 - 1.5 mm



Profile: 76102
Steel V314
45x35 - 2 mm



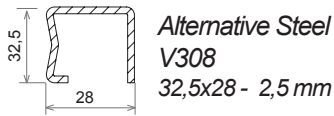
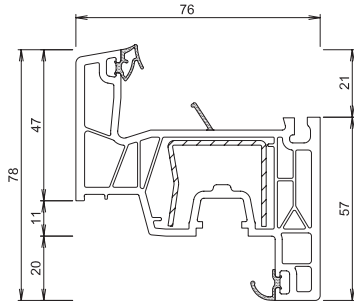
Software interface showing a toolbar with icons for file operations, zooming, and editing. A table lists profile details:

Profilo	Forma irregolare		
76102	Alb	Sistema AD - 76102 Telaio 85mm	
76171	Alb	76171-Telaio 74 mm	
76172	Alb	76172-Telaio 92 mm	
76174	Alb	76174-Telaio a Z 60mm	

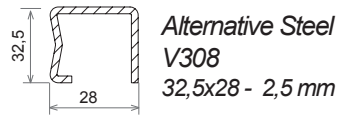
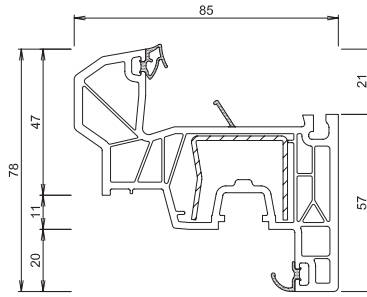
Below the table is a technical drawing of a profile section with dimensions: 76, 82, 74, 87, 64.

Sash profiles / Flügelprofile / Profili Anta / Profile Cercevea

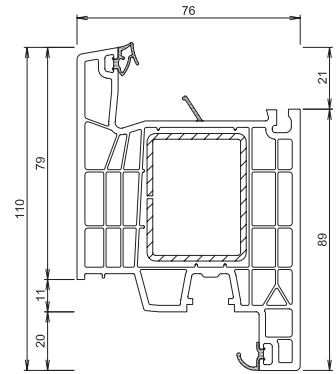
Profile: 76271
Steel V303
32,5x28 - 1,5 mm



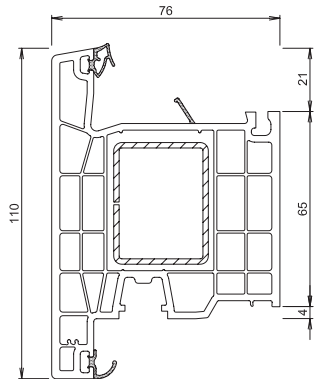
Profile: 76273
Steel V303
32,5x28 - 1,5 mm



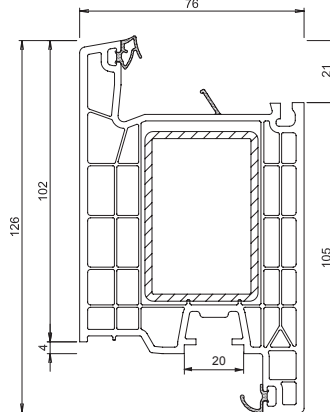
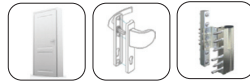
Profile: 76272
Steel V314
45x35 - 2 mm



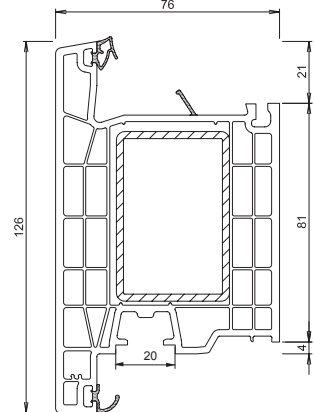
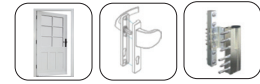
Profile: 76205
Steel V314
45x35 - 2 mm



Profile: 76206
Steel V260
40x60 - 2.5 mm



Profile: 76207
Steel V260
40x60 - 2.5 mm



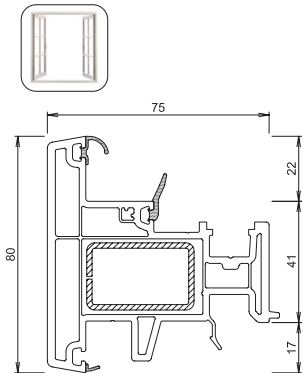
Software interface showing a toolbar with icons for file operations, zoom, and profile selection. The main area displays a list of profiles:

76204	Alb	76272-Anta porta 110mm
76206	Alb	Sistema AD - 76206 Anta Porta 126mm
76271	Alb	76271-Anta D finestra 78mm
76272	Alb	76272-Anta porta 110mm
76273	Alb	8096-Anta R. finestra 78mm

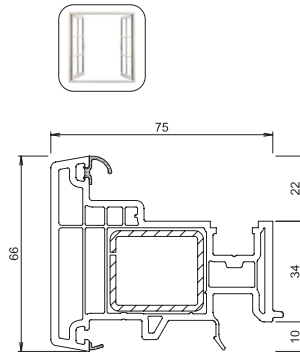
Below the list, there are settings for 'Colore' (Color) set to 'Bianco' and 'Stipite lato inferiore' (Lower sash). A technical drawing of a profile is shown on the right side of the interface.

Sash rails & Floating mullion profiles / Pfosten & Stulpprofile / Profili per traverso & Profili per battuta centrale / Profile montant si Profile Stulp

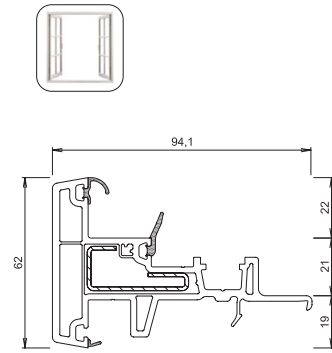
Profile: 76472
Steel V317
40x25 - 2 mm



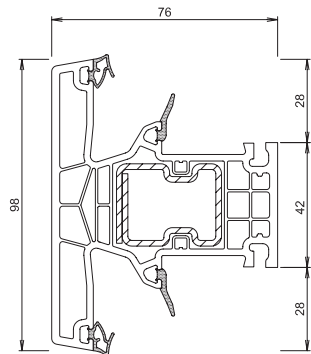
Profile: 76402
Steel V310
30x28 - 2 mm



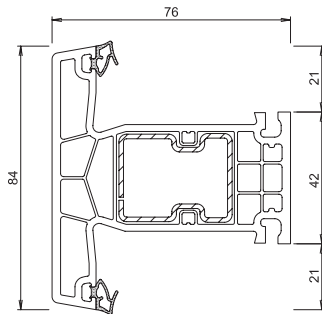
Profile: 76471
Steel V316
30x20 - 1,5 mm



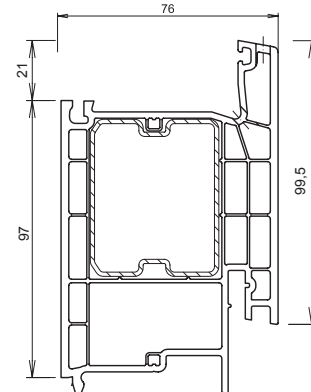
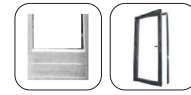
Profile: 76371
Steel V321
27x29 - 2 mm



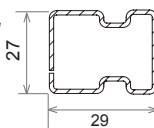
Profile: 76301
Steel V320
27x29 - 1,5 mm



Profile: 76299
Steel V323
44x54 - 1.5 mm



Alternative Steel V320
27x29 - 1,5 mm



Dimens: 500 mm

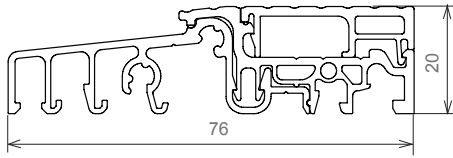
Profile	Material	Description
76371	Alb	76371-Profilo montante 98mm
76402	Alb	Sistema AD 76402-Profilo di riporto 66mm
76472	Alb	76472-Profilo di riporto 80mm

Particolari >>

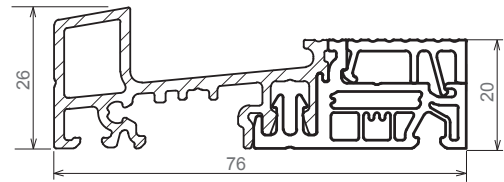
Colore: Bianco

Threshold & Weather bar / Schwelle & Wetter Schenkel / Soglia & Profilo Gocciolatoio /
Praguri & Lacrimare

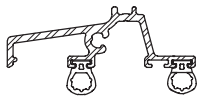
Profile: 6861501



Profile: A075



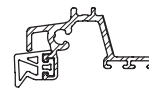
Profile: A062



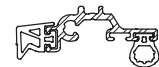
Profile: A061



Profile: A064



Profile: A063



Passo = 10 h = 0 (500) r =

76102	Sistema AD - 76102 Telaio 85mm	Alb	Toc
76171	76171-Telaio 74 mm	Alb	Toc
76172	76172-Telaio 92 mm	Alb	Toc
76174	76174-Telaio a Z 60mm	Alb	Toc
A075	A075 Soglia TT 20mm		Prag
A076	A076 Soglia TT 26mm		Prag
FaraPrag	Senza Soglia		Prag

76171: 1050, 76171: 2100, 1952, 2100, 900, 752, 900

76171

90°

var

106

99

G056 A063

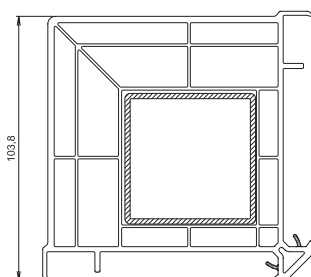
A075

Colore: Bianco

Coupling Profiles / Kopplungsprofile / Profili di accoppiamento / Profile cuplare

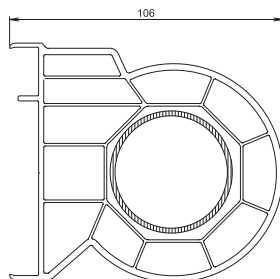
Profile: 8355

Steel 940808
50x50 - 2 mm

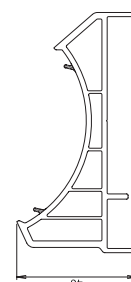


Profile: 8340

Steel 640
Ø 50 - 2 mm



Profile: 8341

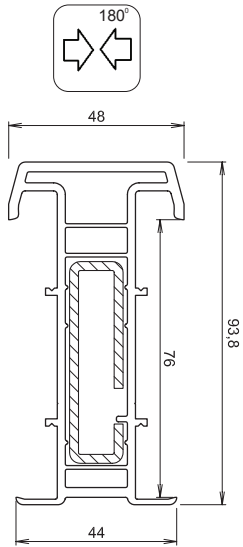


Profile: 76821

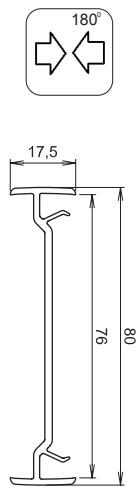


Profile: 76605

Steel V331
11x55 - 2.5 mm

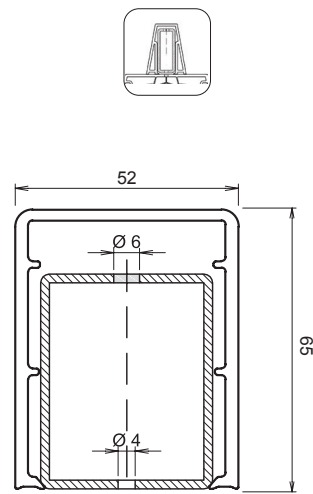


Profile: 76604



Profile: 93002

Steel V260
40x50 - 2 mm

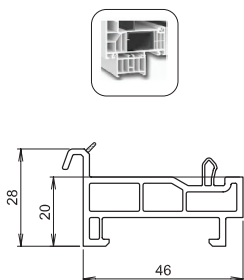


76605	Alb	76605-Profilo di accoppiamento rinforzato
76604	Alb	76604-Profilo di accoppiamento
8341/8340	Alb	Giunto angolare variabile
8355	Alb	8355-Profilo giunto 90grd T88 bianco

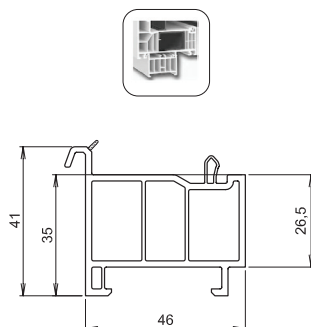
V330	Armatura H	0
V331	Armatura H	0

Bank connection profile / Bankanschluss profile / Profili di appoggio inferiore / Profile suprainaltare

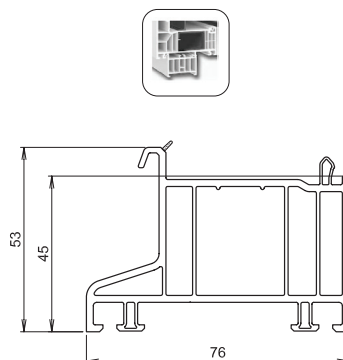
Profile: 76754



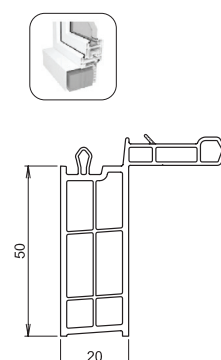
Profile: 76753



Profile: 76704

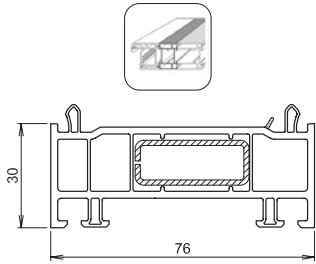


Profile: 76752

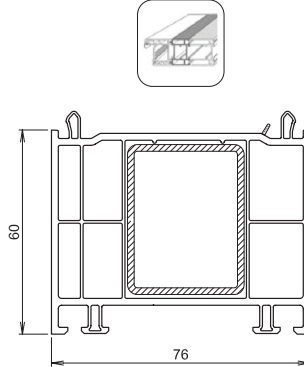


Extension profile / Verbreiterung profile / Allargatori / Extensii toc

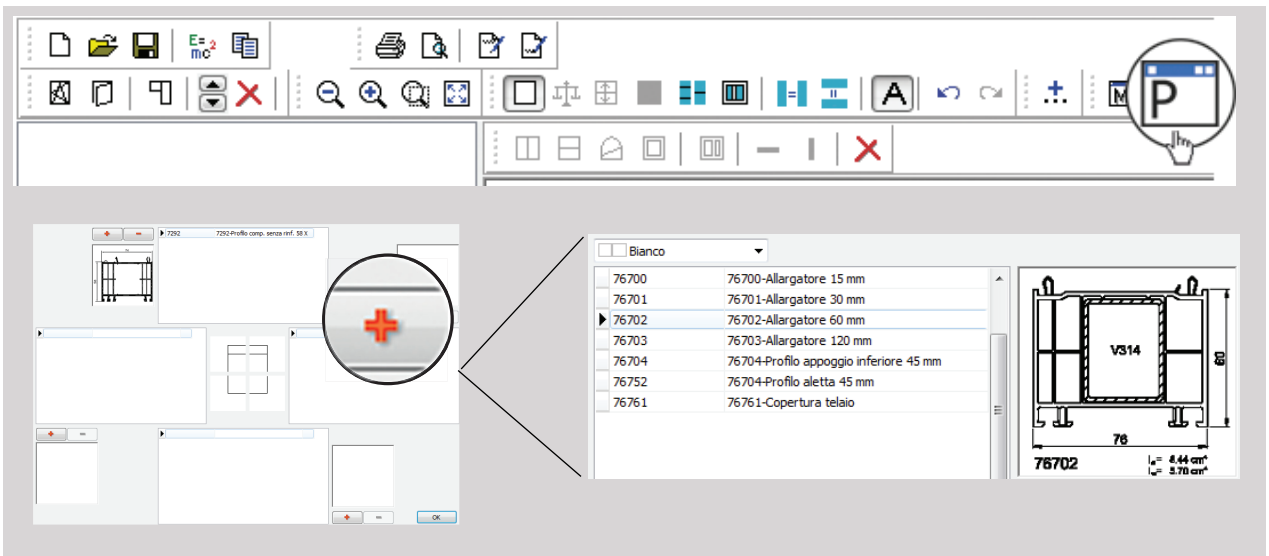
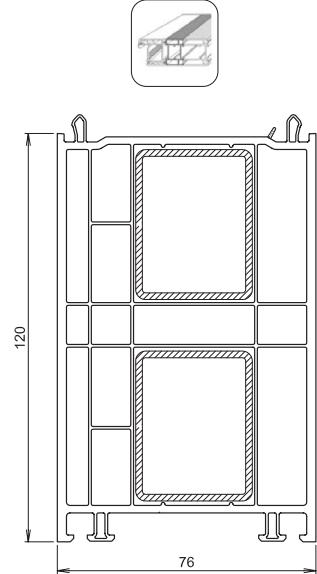
Profile: 76701
Steel V312
32x18 - 1.5 mm



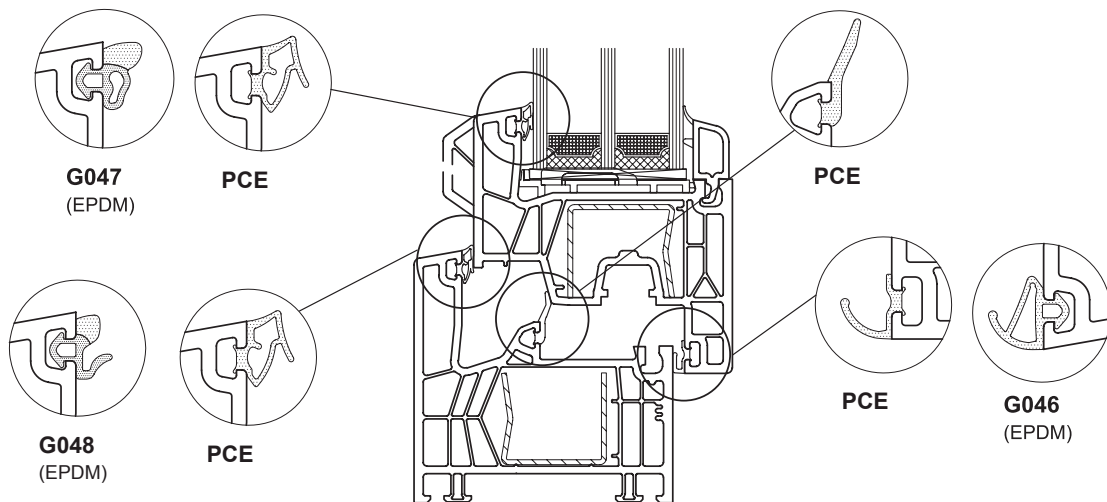
Profile: 76702
Steel V314
35x45 - 2 mm



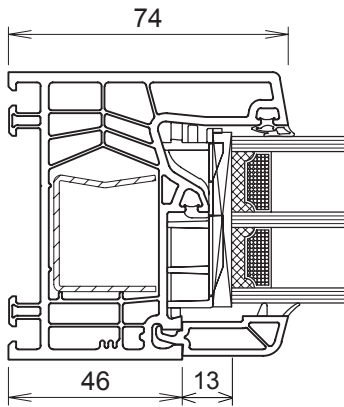
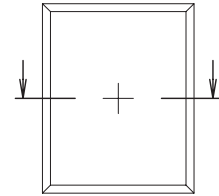
Profile: 76703
Steel V314
35x45 - 2 mm



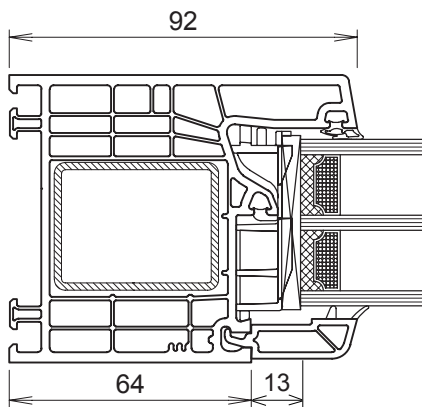
Gasket / Dichtung / Guarnizione / Garnitură



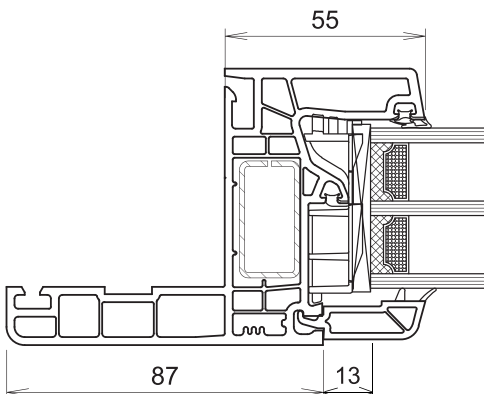
Fixed light / Festfeld / Fisso / Fix



Frame	76171	
Steel	V303	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
	32,5x28	
	or	
	t=2 mm	
Steel	V300	$I_x=0,7 \text{ cm}^4$ $I_y=1,0 \text{ cm}^4$
	32,5x28	
	t=1,5 mm	

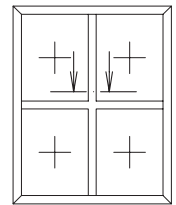
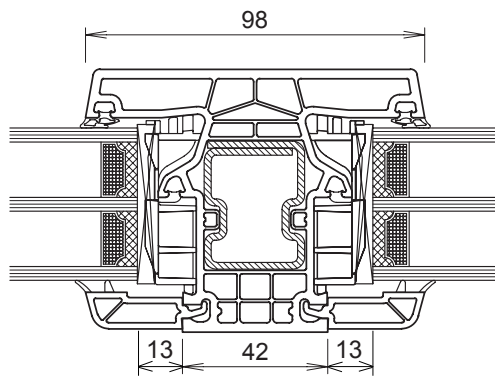


Frame	76172	
Steel	V314	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	



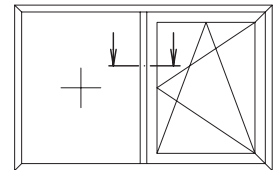
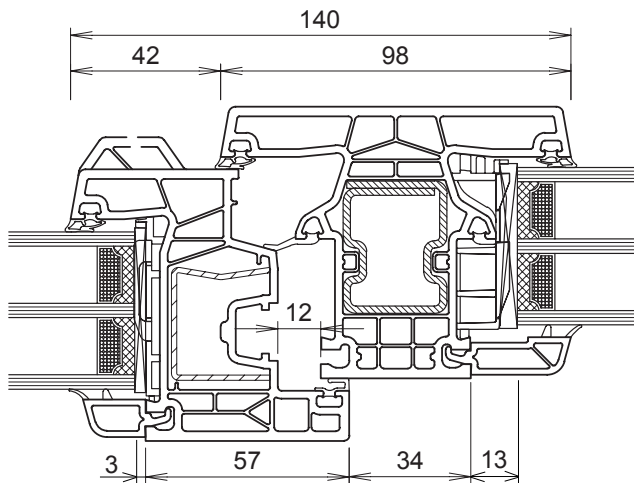
Frame	76174	
Steel	V299	$I_x=0,6 \text{ cm}^4$ $I_y=1,8 \text{ cm}^4$
	33x17	
	t=1.5 mm	

Fixed light with transom / Festfeld Pfosten / *Fisso con montate* / Fix cu montant



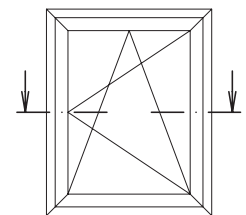
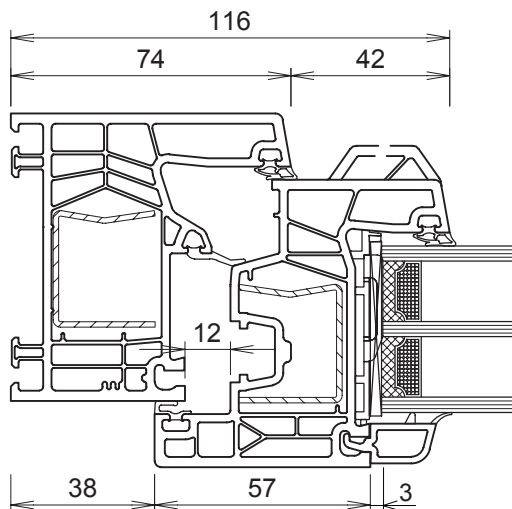
Transom	76371	$I_x=3,1 \text{ cm}^4$ $I_y=5,5 \text{ cm}^4$
Steel	V321 37x29 t=2 mm	
Steel	V320 37x29 t=1,5 mm	$I_x=2,4 \text{ cm}^4$ $I_y=3,5 \text{ cm}^4$

Fixed light - Transom - Sash / Festfeld - Pfosten - Flügel /
Fisso - Montante - Anta / Fix - Montant - Cercevea

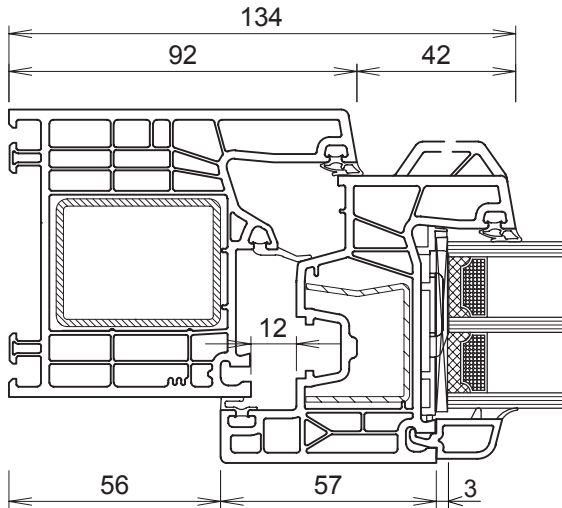


Transom	76371	$I_x=3,1 \text{ cm}^4$ $I_y=5,5 \text{ cm}^4$
Steel	V321 37x29 t=2 mm	
Sash or Sash	76271	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
Steel	V303 32,5x28 t=2 mm	
Steel	V308 32,5x28 t=2,5 mm	$I_x=1,9 \text{ cm}^4$ $I_y=3,4 \text{ cm}^4$

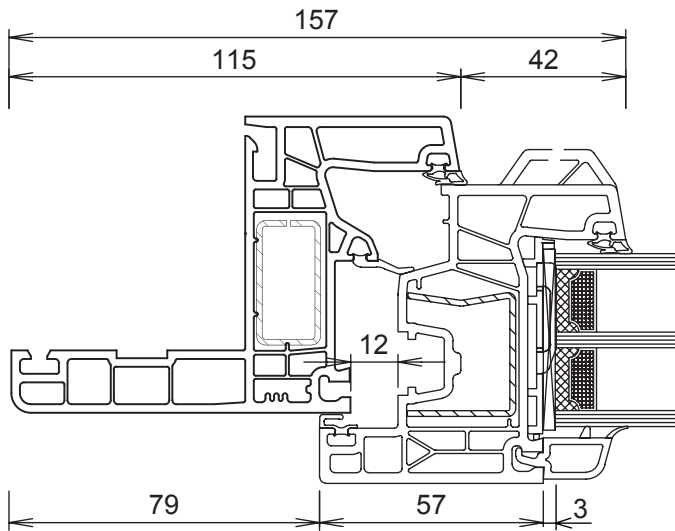
Frame - Sash / Blendrahmen - Flügel /
Telaio - Anta / Toc - Cercevea



Frame	76171	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
Steel	V303 32,5x28 t=2 mm	
Sash or Sash	76271	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
Steel	V303 32,5x28 t=2 mm	
Steel	V308 32,5x28 t=2,5 mm	$I_x=1,9 \text{ cm}^4$ $I_y=3,4 \text{ cm}^4$

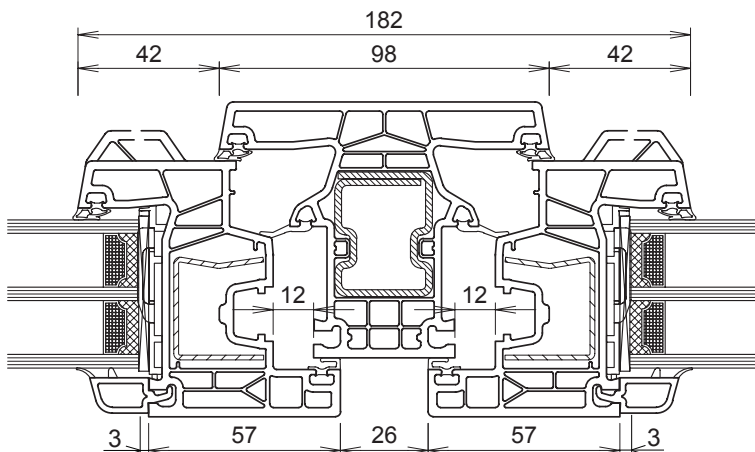
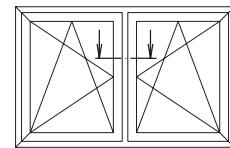


Frame	76172	
Steel	V314	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	
Sash	76271	
or		
Sash	76273	
Steel	V303	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
	32,5x28	
	t=2 mm	
or		
Steel	V308	$I_x=1,9 \text{ cm}^4$ $I_y=3,4 \text{ cm}^4$
	32,5x28	
	t=2,5 mm	

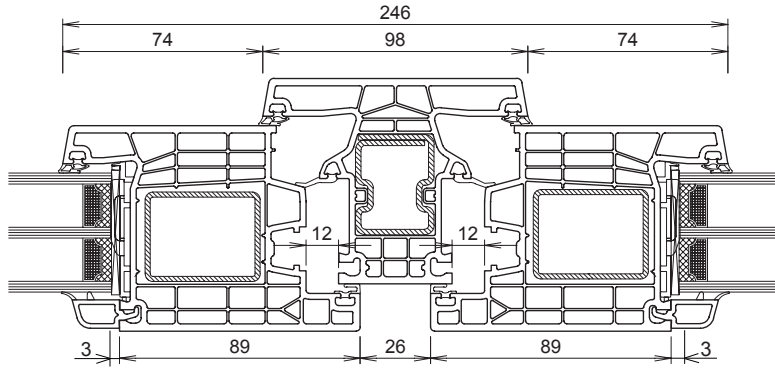


Frame	76174	
Steel	V299	$I_x=0,6 \text{ cm}^4$ $I_y=1,8 \text{ cm}^4$
	33x17	
	t=1,5 mm	
Sash	76271	
or		
Sash	76273	
Steel	V303	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
	32,5x28	
	t=2 mm	
or		
Steel	V308	$I_x=1,9 \text{ cm}^4$ $I_y=3,4 \text{ cm}^4$
	32,5x28	
	t=2,5 mm	

Sash - Transom - Sash / Flügel Pfosten Flügel /
Anta - Montante Anta / Cercevea - Montant - Cercevea

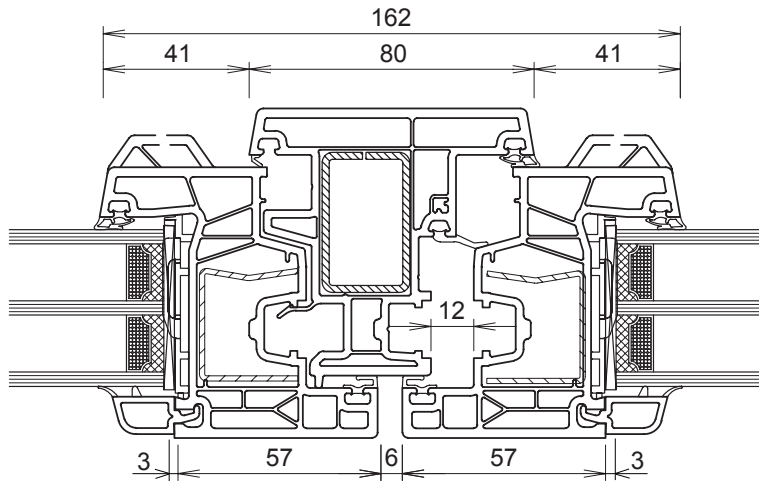
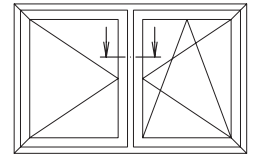


Sash	76271	
or		
Sash	76273	
Steel	V303	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
	32,5x28	
	t=2 mm	
Transom	76371	
Steel	V321	$I_x=3,1 \text{ cm}^4$ $I_y=5,5 \text{ cm}^4$
	37x29	
	t=2 mm	
Sash	76271	
or		
Sash	76273	
Steel	V303	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
	32,5x28	
	t=2 mm	

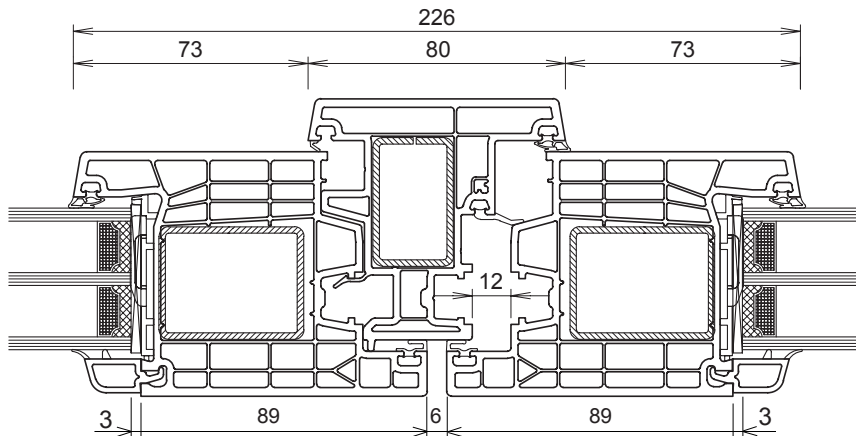


Sash	76272	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Steel	V314 45x35 t=2 mm	
Transom	76371	$I_x=3,1 \text{ cm}^4$ $I_y=5,5 \text{ cm}^4$
Steel	V321 37x29 t=2 mm	
Sash	76272	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Steel	V314 45x35 t=2 mm	

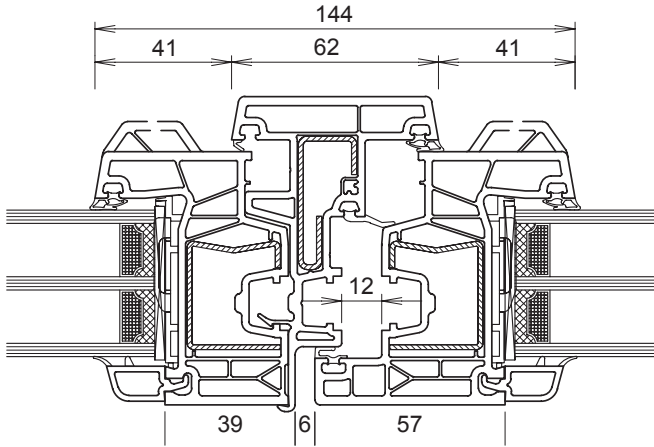
**Sash - Floating Mullion - Sash / Flügel - Stulp - Flügel /
Anta - Profilo Riporto - Anta / Cercevea - Ștulp - Cercevea**



Sash or Sash	76271 76273	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
Steel	V303 32,5x28 t=2 mm	
Floating Mullion	76472	$I_x=2,3 \text{ cm}^4$ $I_y=4,8 \text{ cm}^4$
Steel	V317 40x25 t=2 mm	
Sash or Sash	76271 76273	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
Steel	V303 32,5x28 t=2 mm	

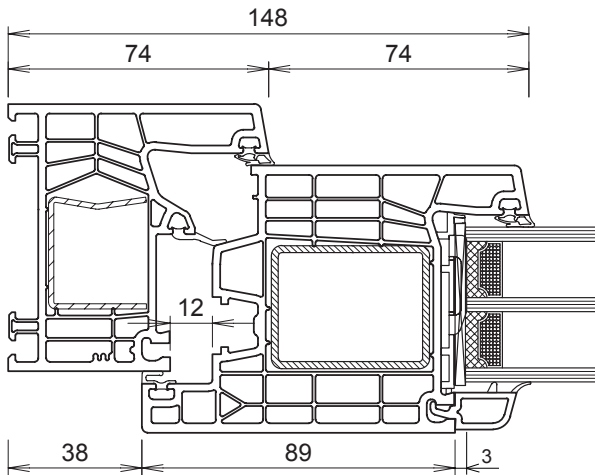
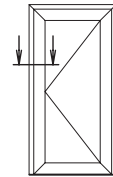


Sash	76272	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Steel	V314 45x35 t=2 mm	
Floating Mullion	76472	$I_x=2,3 \text{ cm}^4$ $I_y=4,8 \text{ cm}^4$
Steel	V317 40x25 t=2 mm	
Sash	76272	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Steel	V314 45x35 t=2 mm	

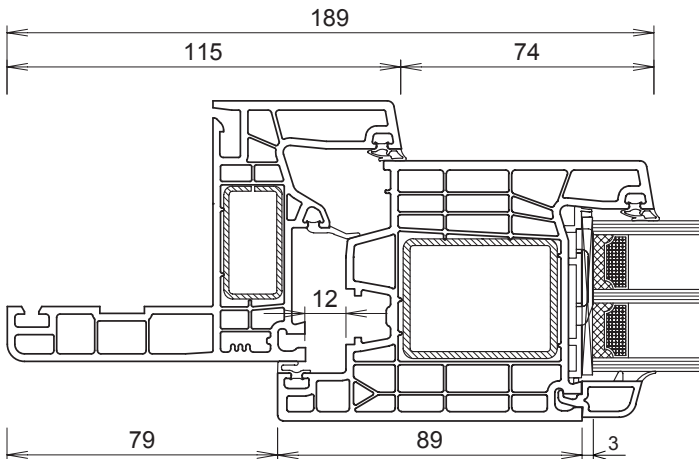


Sash	76271	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
or Sash	76273	
Steel	V303 32,5x28 t=2 mm	
Floating Mullion	76471	$I_x=2,3 \text{ cm}^4$ $I_y=4,8 \text{ cm}^4$
Steel	V316 30x20 t=1,5 mm	
Sash	76271	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
or Sash	76273	
Steel	V303 32,5x28 t=2 mm	

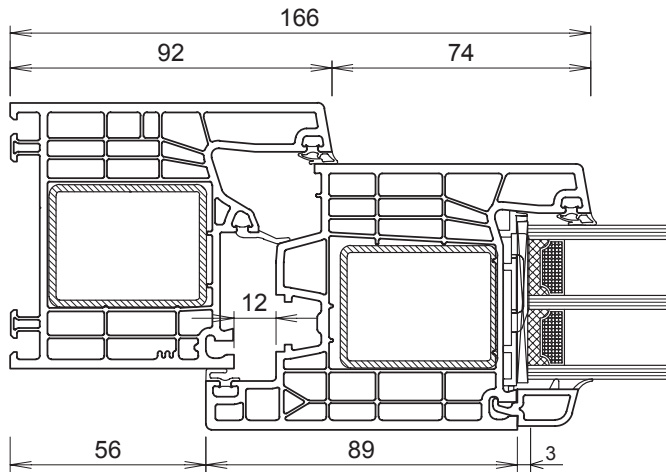
**Frame - Sash / Blendrahmen Flügel /
Telaio - Anta / Toc - Cercevea**



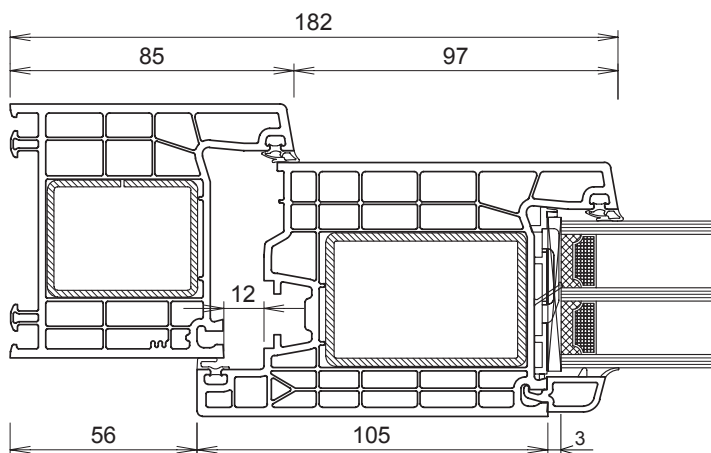
Frame	76171	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
Steel	V303 32,5x28 t=2 mm	
Sash	76272	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Steel	V314 45x35 t=2 mm	



Frame	76174	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Steel	V299	
Sash	76272	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Steel	V314 45x35 t=2 mm	

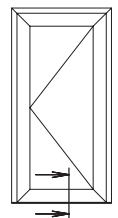
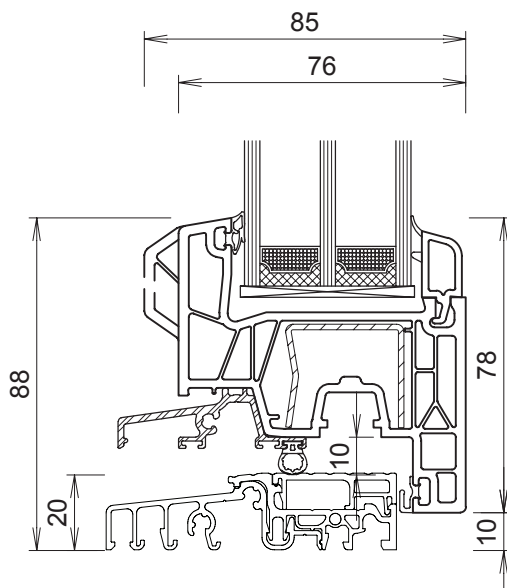


Frame	76172	
Steel	V314	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	
Sash	76272	
Steel	V314	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	

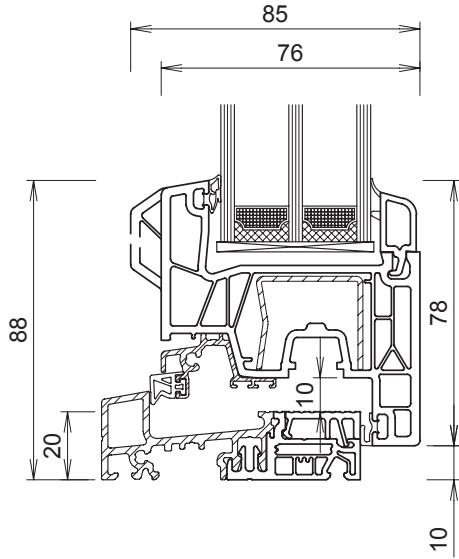


Frame	76102	
Steel	V314	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	
Sash	76206	$I_x=22,8 \text{ cm}^4$ $I_y=12,1 \text{ cm}^4$
Steel	V260	
	40x60	
	t=2.5 mm	

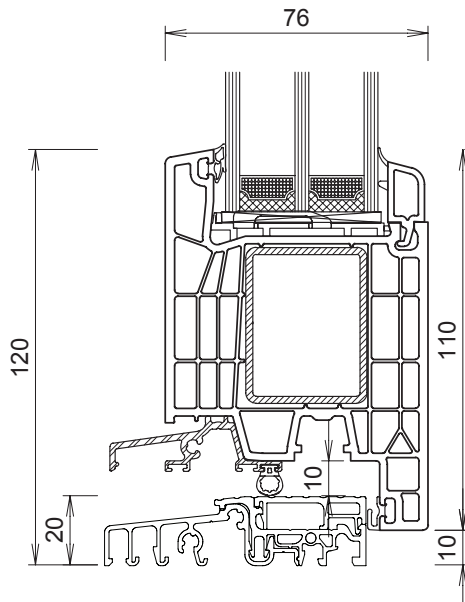
**Threshold - Sash / Schwellenprofil - Flügel /
Soglia - Anta / Prag - Cercevea**



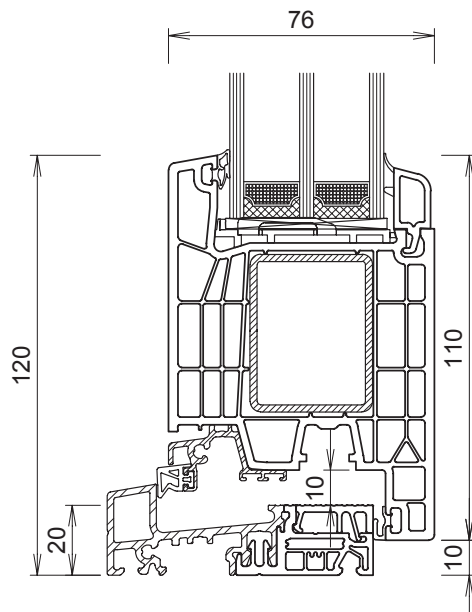
Threshold	6861501	
Weather bar	A062	
Sash	76271	
Sash	76273	
Steel	V303	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
	32,5x28	
	t=2 mm	
or		
Steel	V308	$I_x=1,9 \text{ cm}^4$ $I_y=3,4 \text{ cm}^4$
	32,5x28	
	t=2,5 mm	



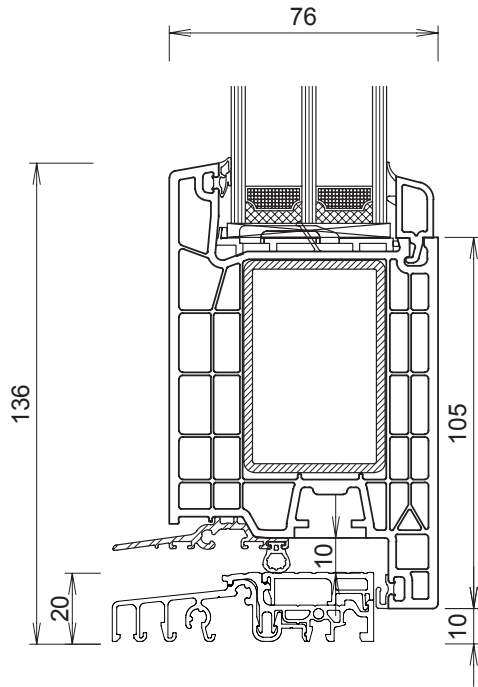
Treshold	A075	
Weather bar	A064	
Sash	76271	
or		
Sash	76273	
Steel	V303	$I_x=1,0 \text{ cm}^4$ $I_y=2,2 \text{ cm}^4$
	32,5x28	
or		
Steel	V308	$I_x=1,9 \text{ cm}^4$ $I_y=3,4 \text{ cm}^4$
	32,5x28	
	t=2 mm	
	t=2,5 mm	



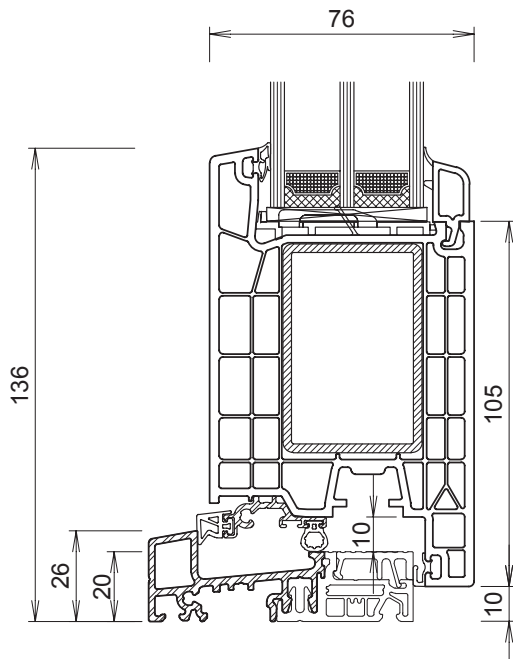
Treshold	6861501	
Weather bar	A062	
Sash	76272	
Steel	V314	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	



Treshold	A075	
Weather bar	A064	
Sash	76272	
Steel	V314	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	

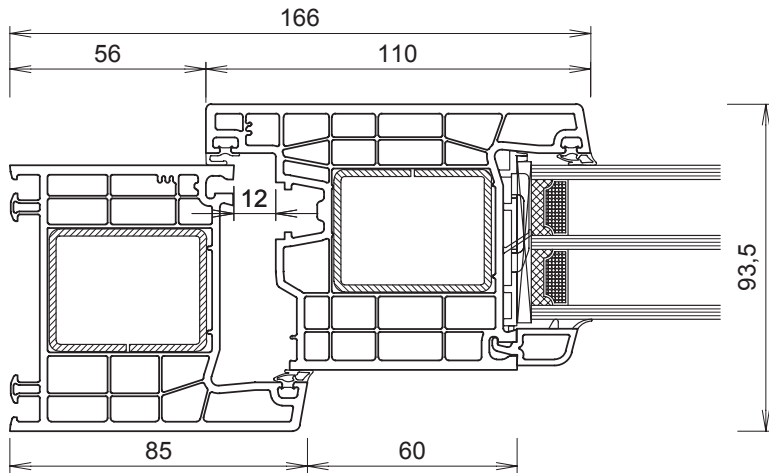
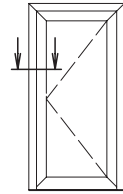


Threshold	6861501	$I_x=22,8 \text{ cm}^4$ $I_y=12,1 \text{ cm}^4$
Weather bar	A061	
Sash	76206	
Steel	V260 40x60 t=2.5 mm	

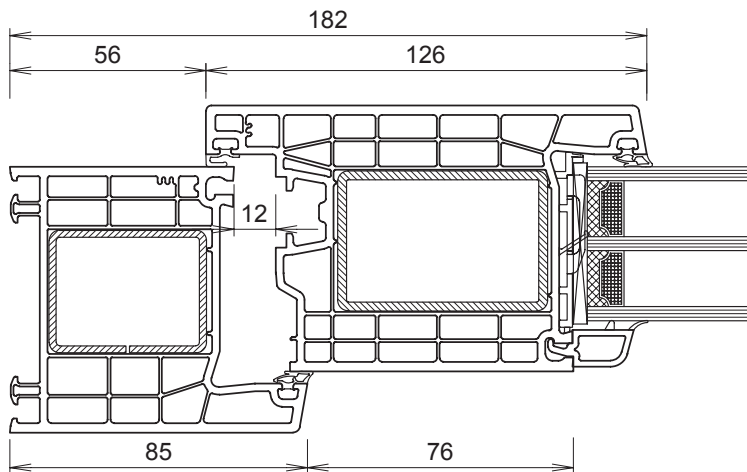


Threshold	A075	$I_x=22,8 \text{ cm}^4$ $I_y=12,1 \text{ cm}^4$
Weather bar	A063	
Sash	76206	
Steel	V260 40x60 t=2.5 mm	

Frame - Sash outside opening / Blendrahmen - Flügel außen öffnend /
Telaio - Anta apertura esterna / Toc - Cercevea deschidere exterioară

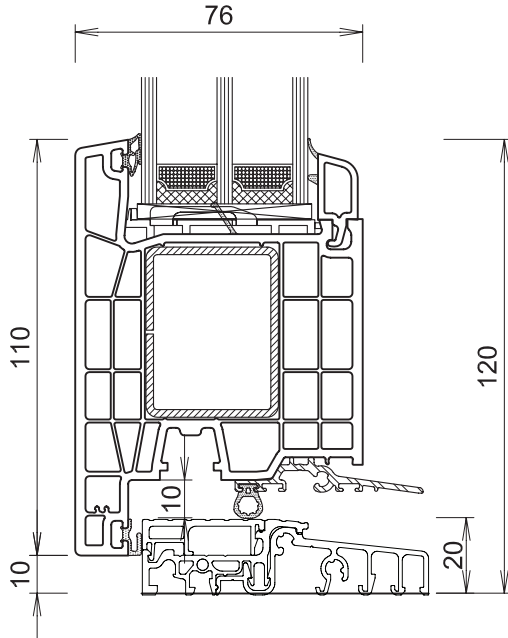
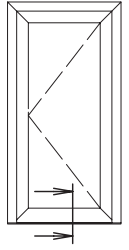


Frame	76102	
Steel	V314	$I_x=8,4 \text{ cm}^4$
	45x35	$I_y=5,7 \text{ cm}^4$
	t=2 mm	
Sash	76205	$I_x=8,4 \text{ cm}^4$
Steel	V314	$I_y=5,7 \text{ cm}^4$
	45x35	
	t=2 mm	

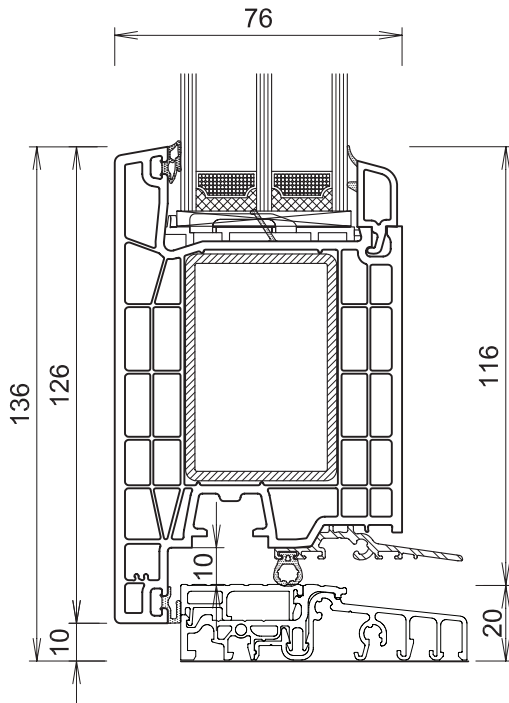


Frame	76102	
Steel	V314	$I_x=8,4 \text{ cm}^4$
	45x35	$I_y=5,7 \text{ cm}^4$
	t=2 mm	
Sash	76207	$I_x=22,8 \text{ cm}^4$
Steel	V260	$I_y=12,1 \text{ cm}^4$
	40x60	
	t=2.5 mm	

Threshold - Sash outside opening / Schwellenprofil - Flügel außen öffnend /
Soglia - Anta apertura esterna / Prag - Cercevea deschidere exterioara



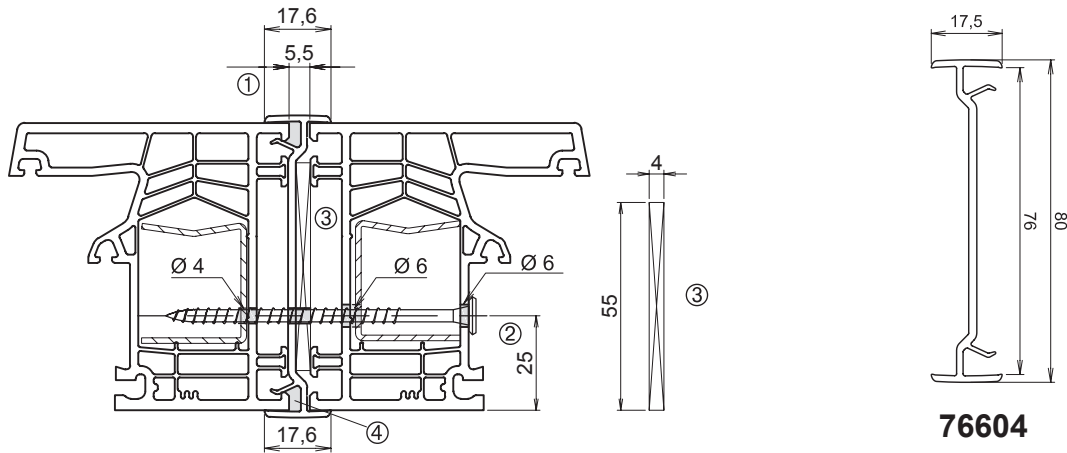
Threshold	6861501	$I_x=8,4 \text{ cm}^4$ $I_y=5,7 \text{ cm}^4$
Weather bar	A061	
Aluprofil	A065	
Sash	76205	
Steel	V314 45x35 t=2 mm	



Threshold	6861501	$I_x=22,8 \text{ cm}^4$ $I_y=12,1 \text{ cm}^4$
Weather bar	A061	
Aluprofil	A065	
Sash	76207	
Steel	V260 40x60 t=2.5 mm	

Coupling profiles / Kopplungsprofile / Profili di accoppiamento / Profile de cuplare

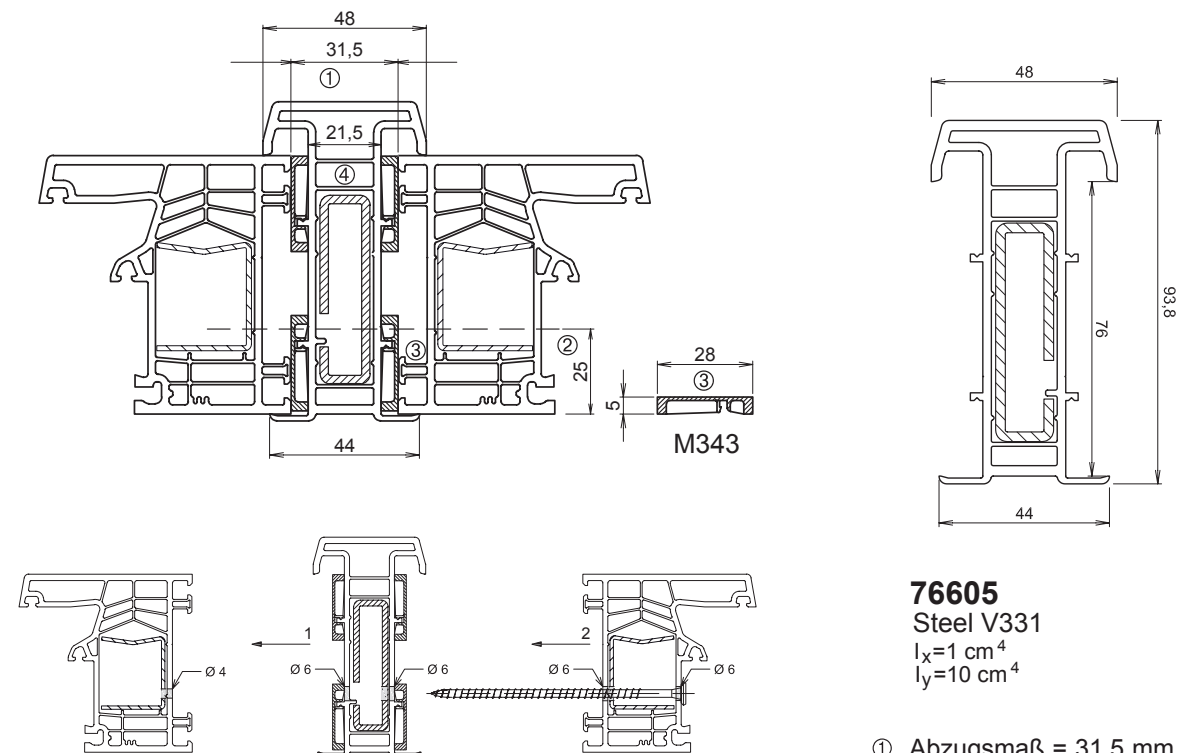
H coupler / H Schieber / Profilo di accoppiamento / Profil cuplare



76604

- ① **Deduction** / Abzugsmaß / *Cuota da detrare* / Cota rost inbinare
- ② **Screw axis** / Schraubachse / *Asse della vite* / Axa surubului
- ③ **Spacer block** / Distanzklotz / *Tassello distaziatore* / Distantier
- ④ **Sealing** / Abdichtung der Kapillarfugen / *Sigilatura* / Sigilare

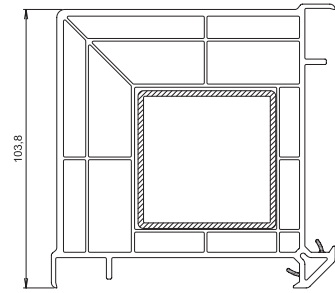
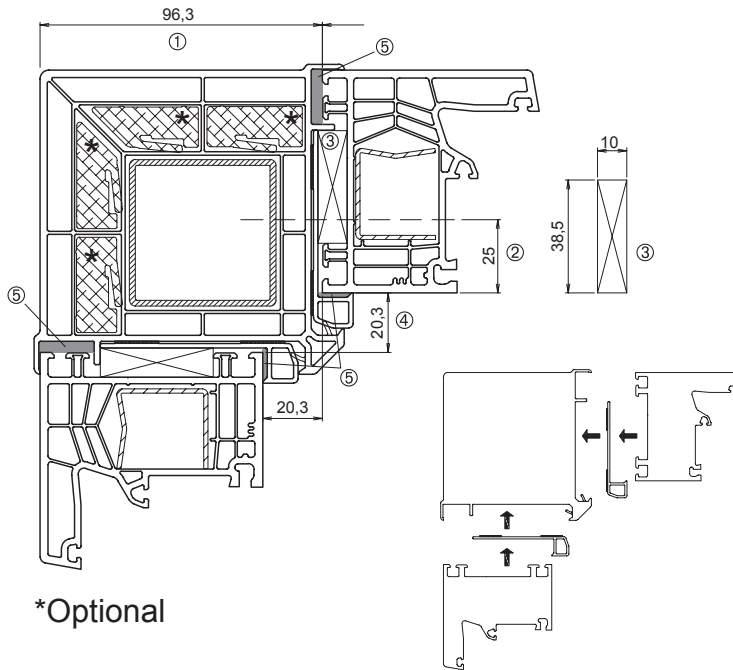
H coupler / H Schieber / Profilo di accoppiamento / Profil cuplare ranforsat



76605
Steel V331
 $I_x=1 \text{ cm}^4$
 $I_y=10 \text{ cm}^4$

- ① Abzugsmaß = 31,5 mm
- ② Schraubachse
- ③ Distanzklotz M343
- ④ Kopplung 76605

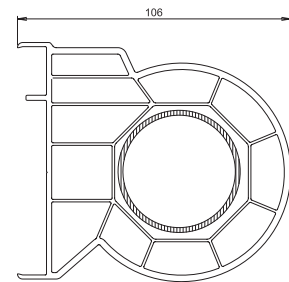
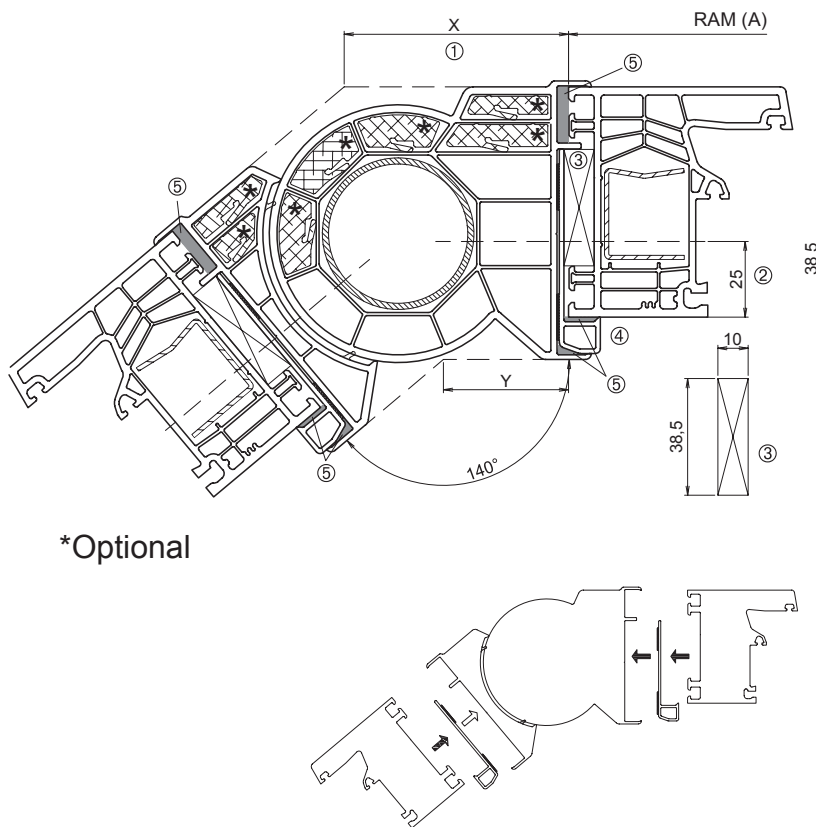
Corner coupling 90° / Eckkopplung 90° / Giunto angolare 90° / Profil cuplare 90°



8355
Steel 940808
 $I_x=14,4 \text{ cm}^4$
 $I_y=14,4 \text{ cm}^4$

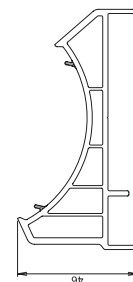
*Optional

Bay pole / Eckkopplung variabel / Giunto angolare variabile / Profil cuplare unghi variabil



8340
Steel 640
 $I_x=8,7 \text{ cm}^4$
 $I_y=8,7 \text{ cm}^4$

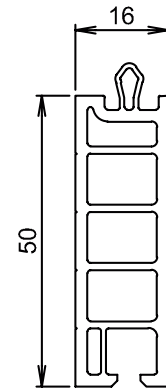
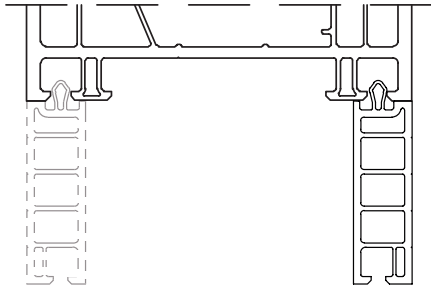
*Optional



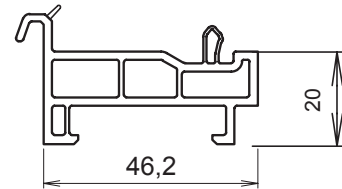
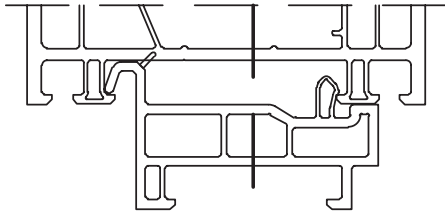
8341

- ① **Deduction** / Abzugsmaß / *Cuota da detrare* / Cota de sczut
- ② **Screw axis** / Schraubachse / *Asse della vite* / Axa surubului
- ③ **Spacer block** / Distanzklotz / *Tassello distanziatore* / Distantier
- ④ **Adapter** / Kopplungsadapter / *Adattore* / Adaptor
- ⑤ **Sealing** / Abdichtung der Kapillarfugen / *Sigilatura* / Sigilare

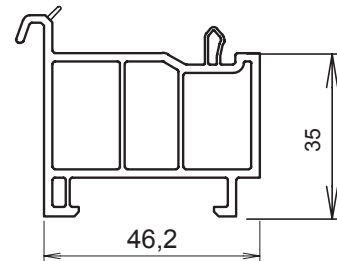
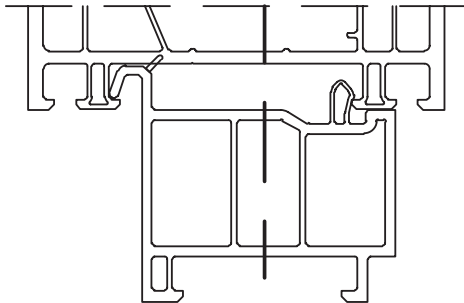
Bank connection profile / Sohlbankprofile /
Profilo di appoggio inferiore / Profile suprainaltare pervaz



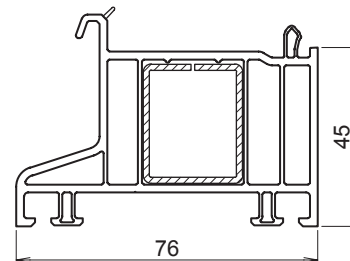
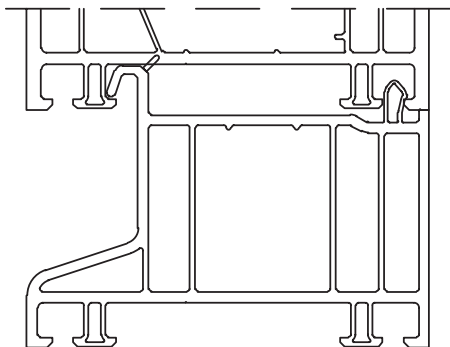
76707



7654

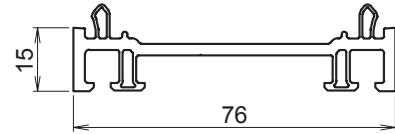
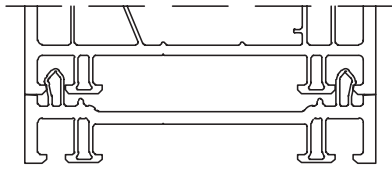


7653

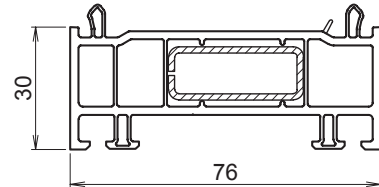
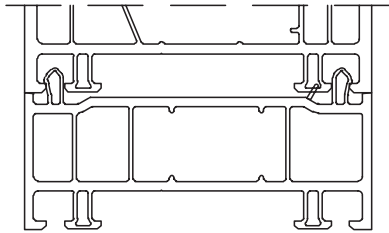


76704
Steel V114*
*Optional

Outer frame extension / Blendrahmen Verbreiterung /
Allargatore Telaio / Profile extensie toc

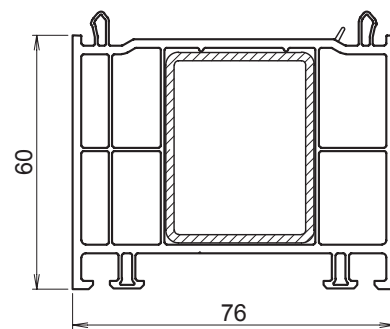
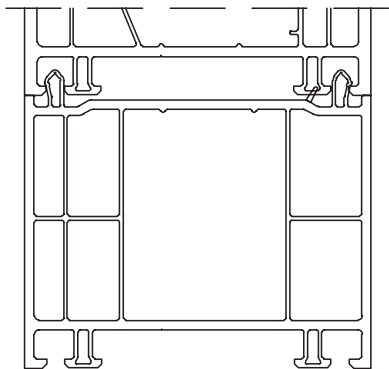


76700



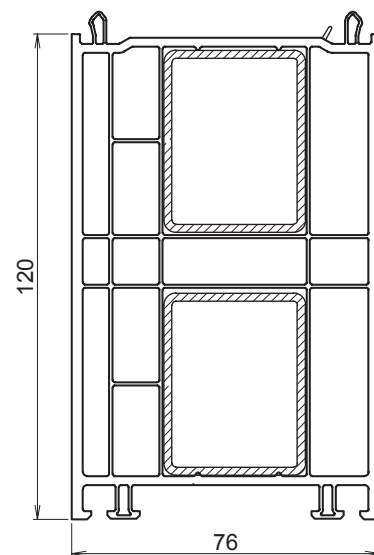
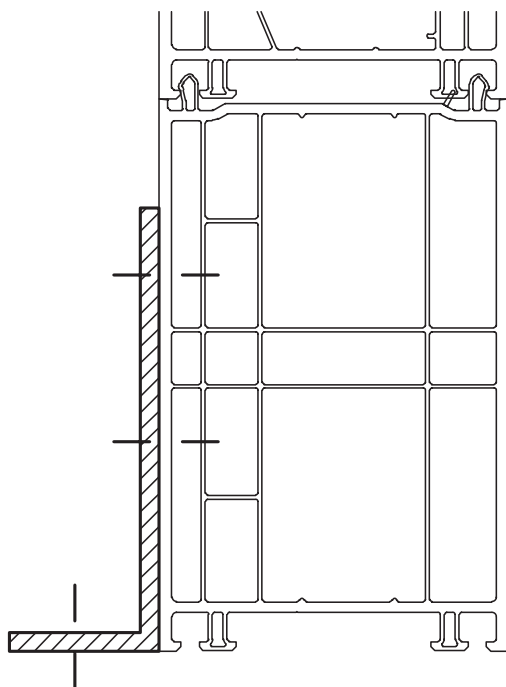
76701

Steel V312*
*Optional



76702

Steel V314*
*Optional

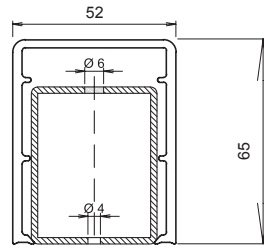
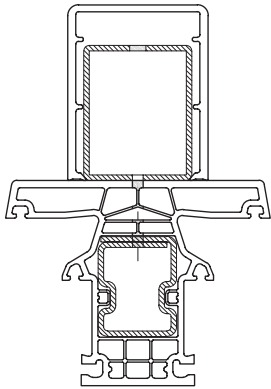


76703

Steel V314*
*Optional

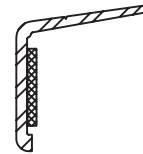
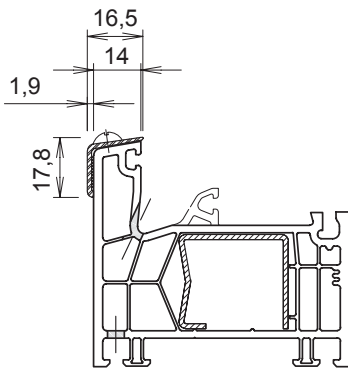
Auxilliary profiles / Zusatzprofile / Profili aggiuntivi / Profile auxiliare

Reinforcing plant-on profile / Statik-Aufsatz / Rinforzo / Ranforsare aplicată



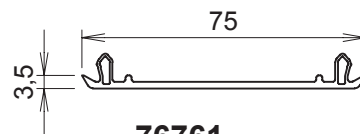
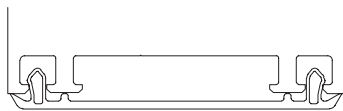
93002
Steel V260
40x60 - 2.5 mm
 $I_y=12,1 \text{ cm}^4$

Aluminium foot-step angle / Alu-Trittwinkel / Protezione pedata in alluminio / Protecție aluminu toc



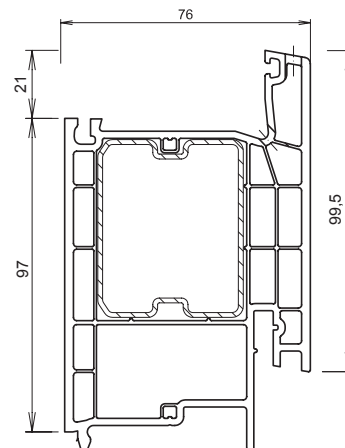
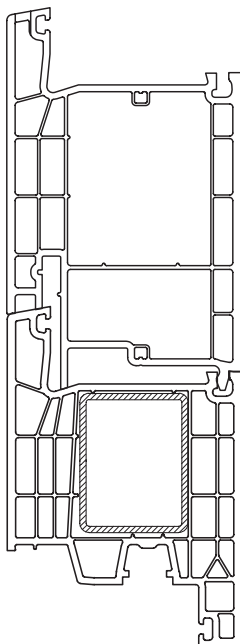
A066.T

Frame leg covering / Rahmenfussabdeckungl / Profilo copertura / Capac rama



76761

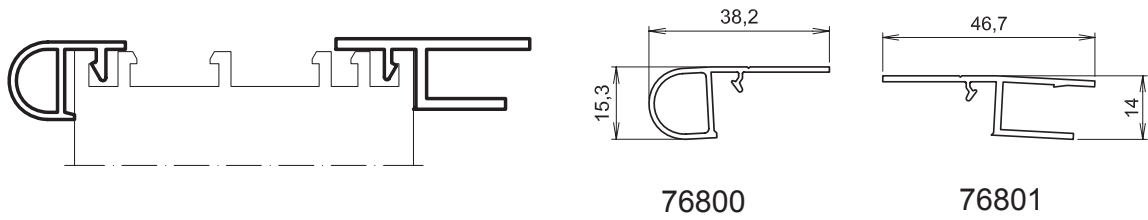
Extention profile / Höhenausgleichsprofil / Profilo zoccolo porta / Profil bandou usa



76299
Steel V323
44x54 - 1.5 mm

Roller shutter profiles / Rollläden Zusatzprofile / Profili aggiuntivi per avvolgibile / Profile rulouri

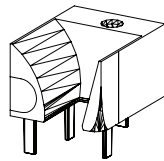
Roller shutter guide profile / Rollladen Ablaufprofil / Profilo guida tapparelle / Profil ghidaj cover lamele rulou



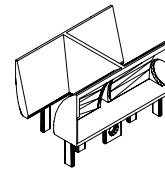
76800

76801

Roller shutter feeding form / Rollladeneinlaufrichter / Convogliatore avvolgibile / Ghidaj șină rulou

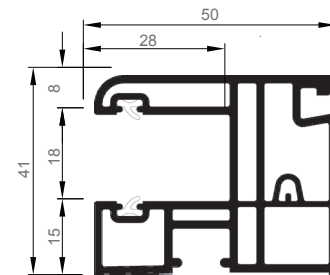
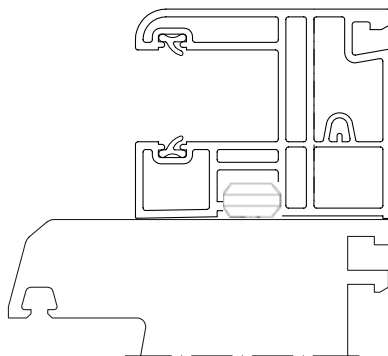


3434



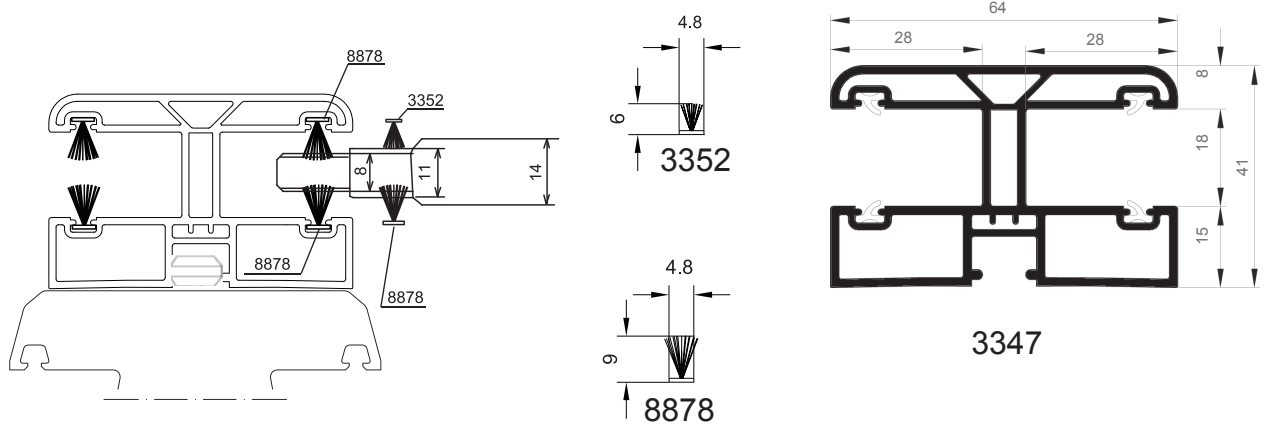
3429

Roller shutter guide / Rollladenführung / Guida per avvolgibile / Șină rulou



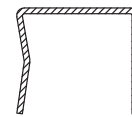
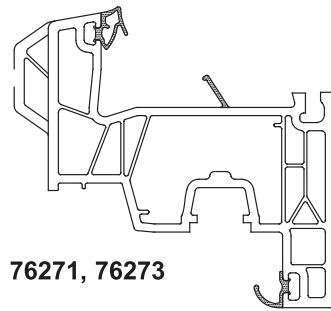
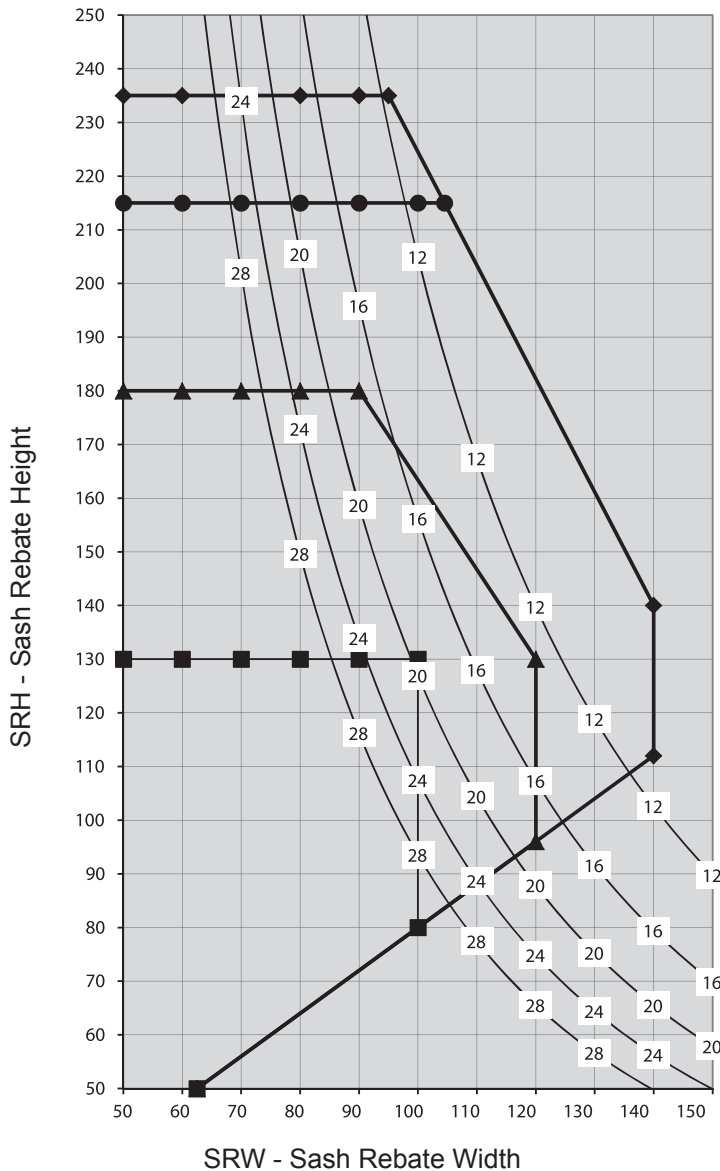
3348

Roller shutter guide / Rollladenführung / Guida per avvolgibile / Șină rulou



3347

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră



V303
1,5 mm
 $I_W = 2,2 \text{ cm}^4$
 $I_G = 1,0 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles
- White Profiles without steel
- 12— Glass thickness 12 mm
- 16— Glass thickness 16 mm
- 20— Glass thickness 20 mm
- 24— Glass thickness 24 mm
- 28— Glass thickness 28 mm

Ex: IG unit 4-12-4-12-4 has
4+4+4=12 mm Glass thickness

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

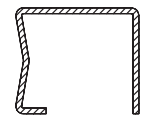
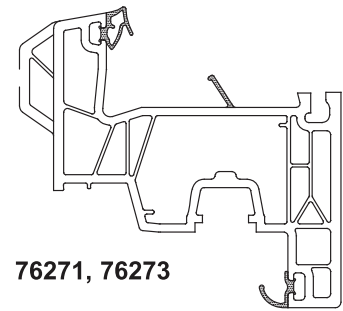
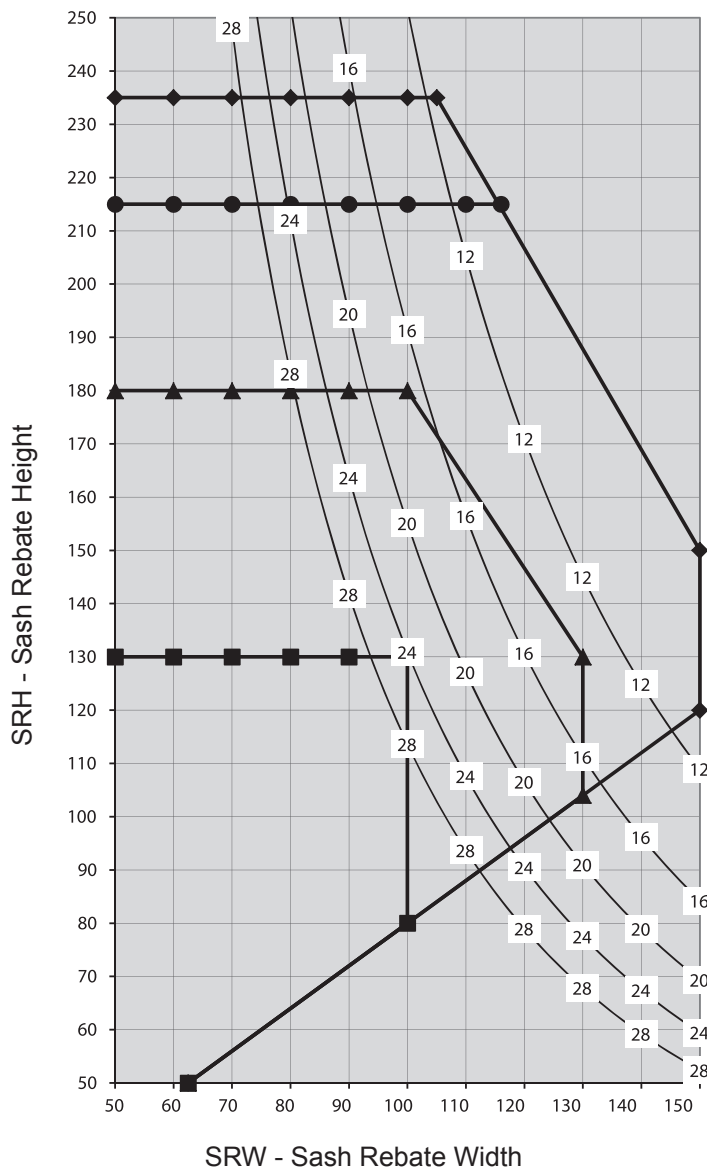


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensioni maxime cercevea fereastră



- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles
- White Profiles without steel
- 12— Glass thickness 12 mm
- 16— Glass thickness 16 mm
- 20— Glass thickness 20 mm
- 24— Glass thickness 24 mm
- 28— Glass thickness 28 mm

Ex: IG unit 4-12-4-12-4 has
4+4+4=12 mm Glass thickness

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

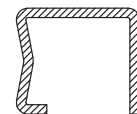
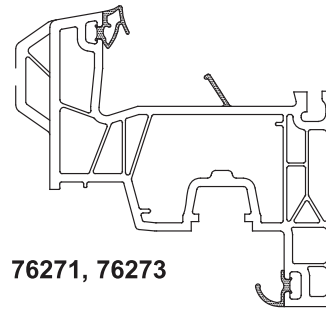
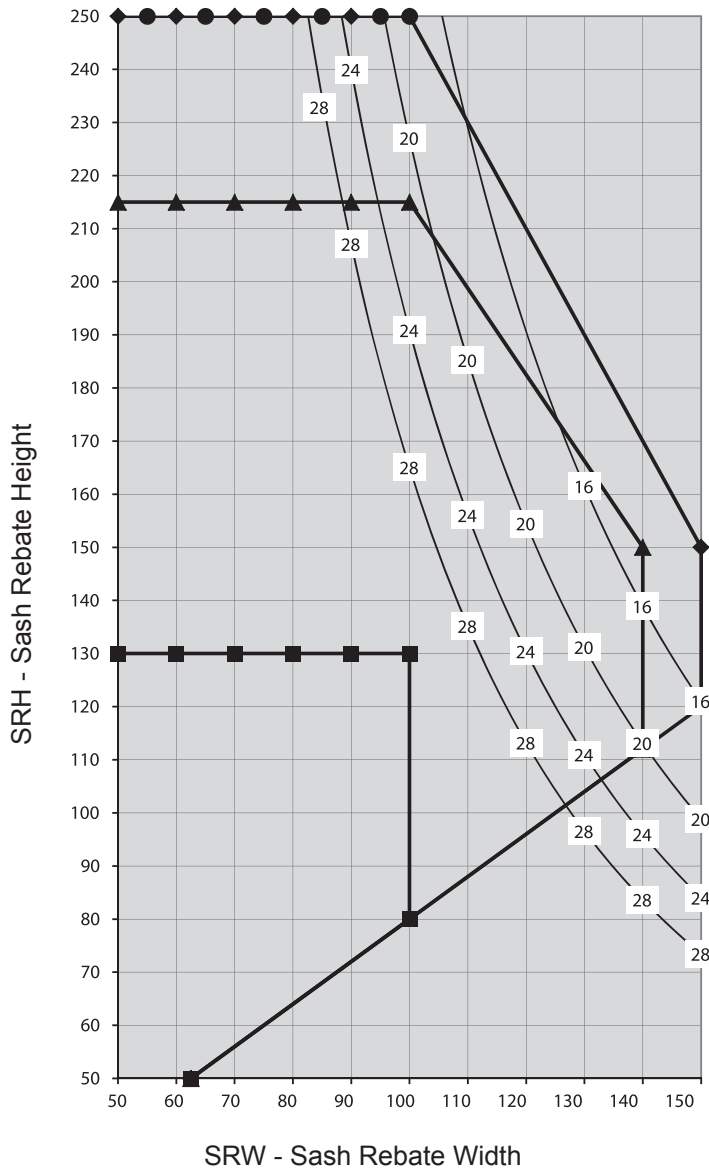


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

**Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră**



$I_W = 3,4 \text{ cm}^4$
 $I_G = 1,9 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles
- White Profiles without steel
- 12— Glass thickness 12 mm
- 16— Glass thickness 16 mm
- 20— Glass thickness 20 mm
- 24— Glass thickness 24 mm
- 28— Glass thickness 28 mm

Ex: IG unit 4-12-4-12-4 has
4+4+4=12 mm Glass thickness

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

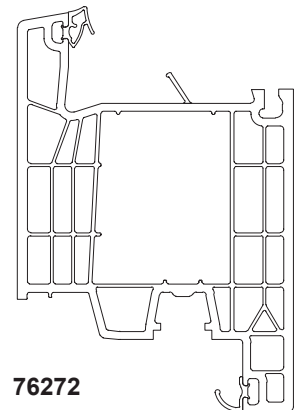
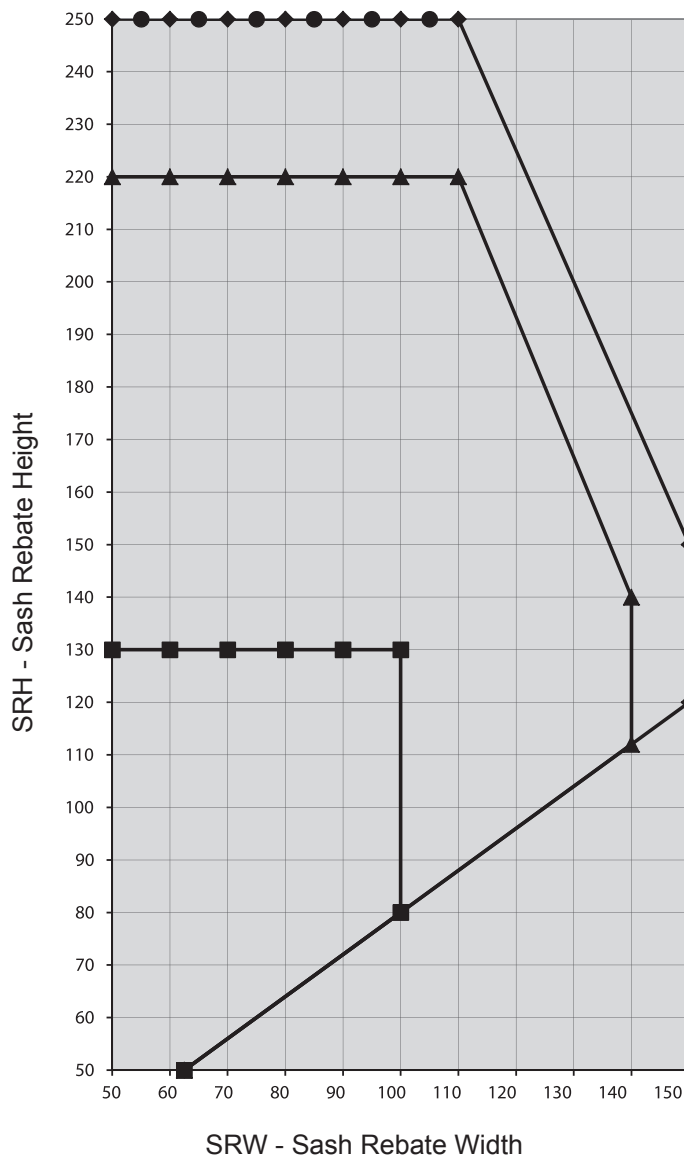


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa

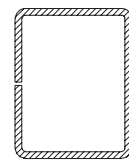


Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră



76272



V314
2 mm

$I_w = 5,7 \text{ cm}^4$
 $I_G = 8,4 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles
- White Profiles without steel only for 8 mm glass thickness

Ex: IG unit 4-12-4-12-4 has
4+4+4=12 mm Glass thickness

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

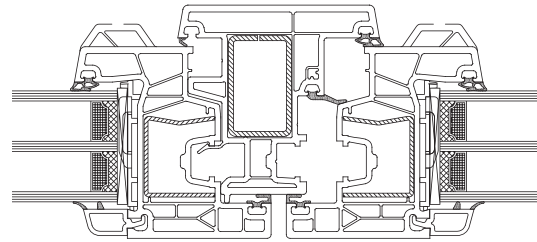
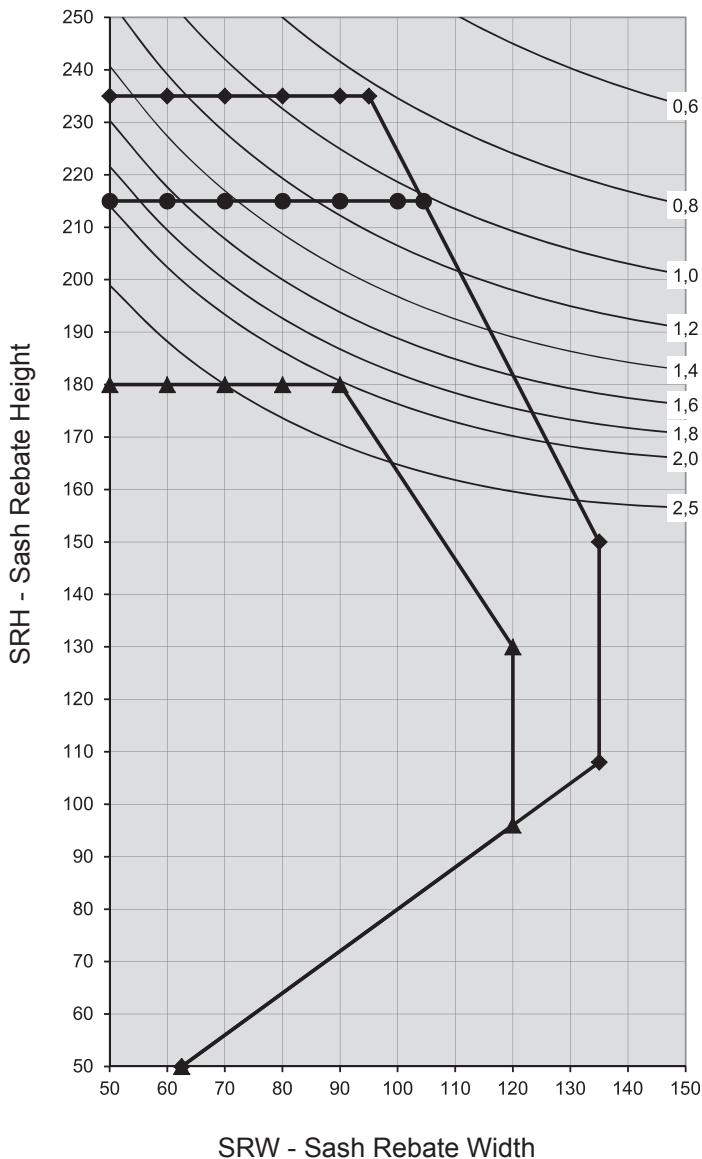


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensiuni Maximala Cercevea Cu Ştulp



76271, 76273	76472	76271, 76273
V303	V317	V303
$I_W = 2,2 \text{ cm}^4$	$I_W = 4,8 \text{ cm}^4$	$I_W = 2,2 \text{ cm}^4$
$I_G = 1,0 \text{ cm}^4$	$I_G = 2,3 \text{ cm}^4$	$I_G = 1,0 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height

Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width

Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

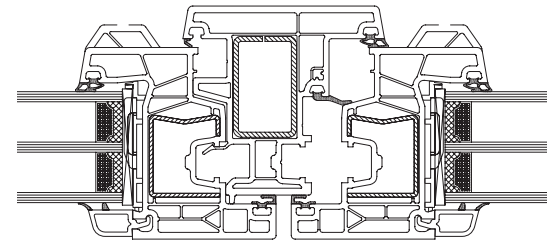
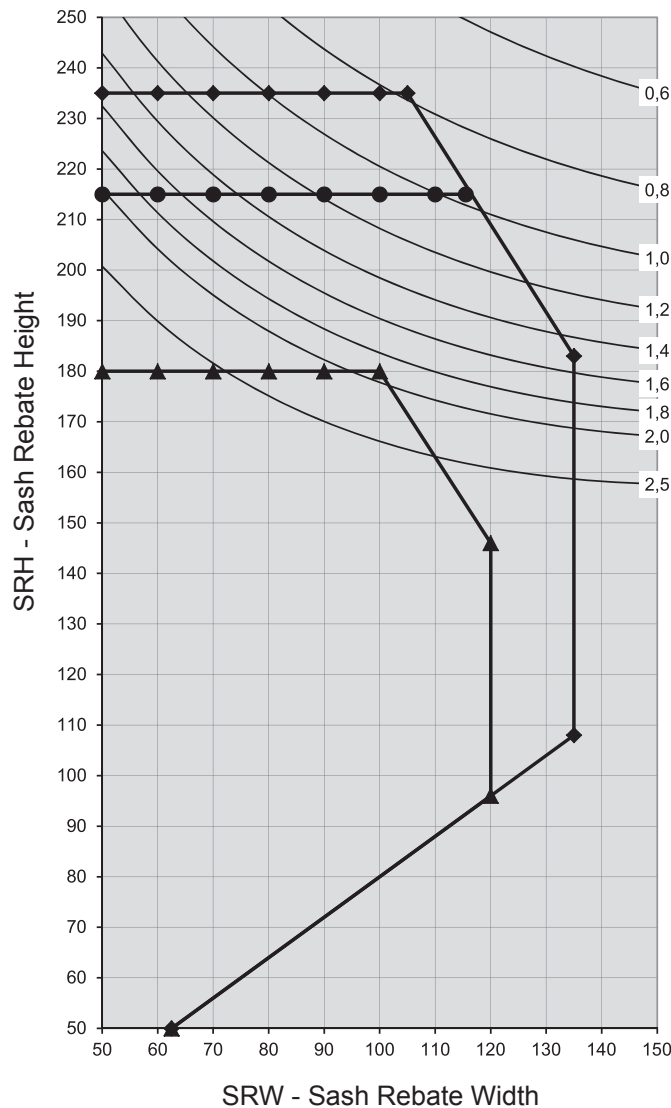


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensiuni Maximala Cercevea Cu Ştulp



Flügelprofil 76271, 76273	Stulpprofil 76472	Flügelprofil 76271, 76273
V306	V317	V306
$I_w = 2,3 \text{ cm}^4$ $I_G = 1,3 \text{ cm}^4$	$I_w = 4,8 \text{ cm}^4$ $I_G = 2,3 \text{ cm}^4$	$I_w = 2,3 \text{ cm}^4$ $I_G = 1,3 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

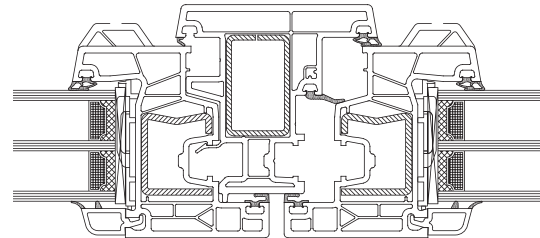
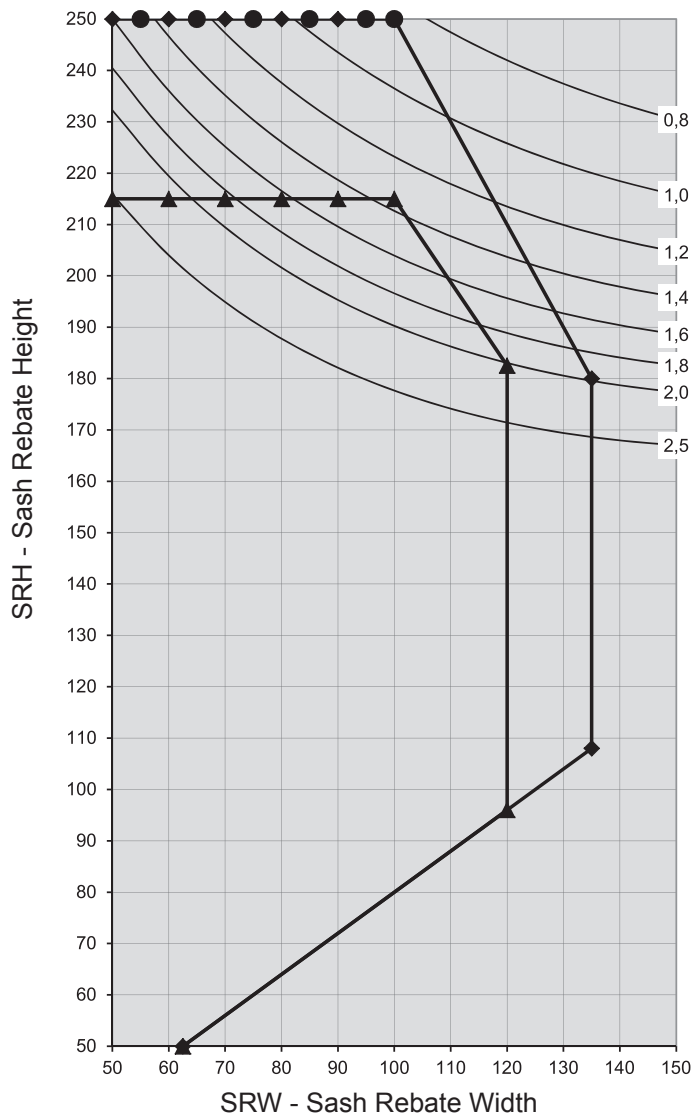


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensiuni Maxime Cercevea Cu Ştulp



76271, 76273	76472	76271, 76273
V308	V317	V308
$I_W = 3,4 \text{ cm}^4$	$I_W = 4,8 \text{ cm}^4$	$I_W = 3,4 \text{ cm}^4$
$I_G = 1,9 \text{ cm}^4$	$I_G = 2,3 \text{ cm}^4$	$I_G = 1,9 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

Wind load [kN/m²]

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

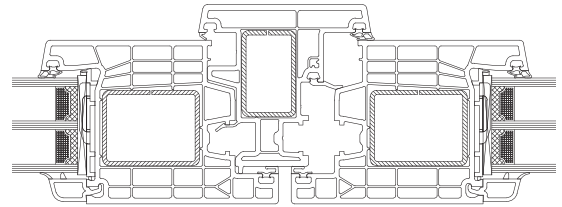
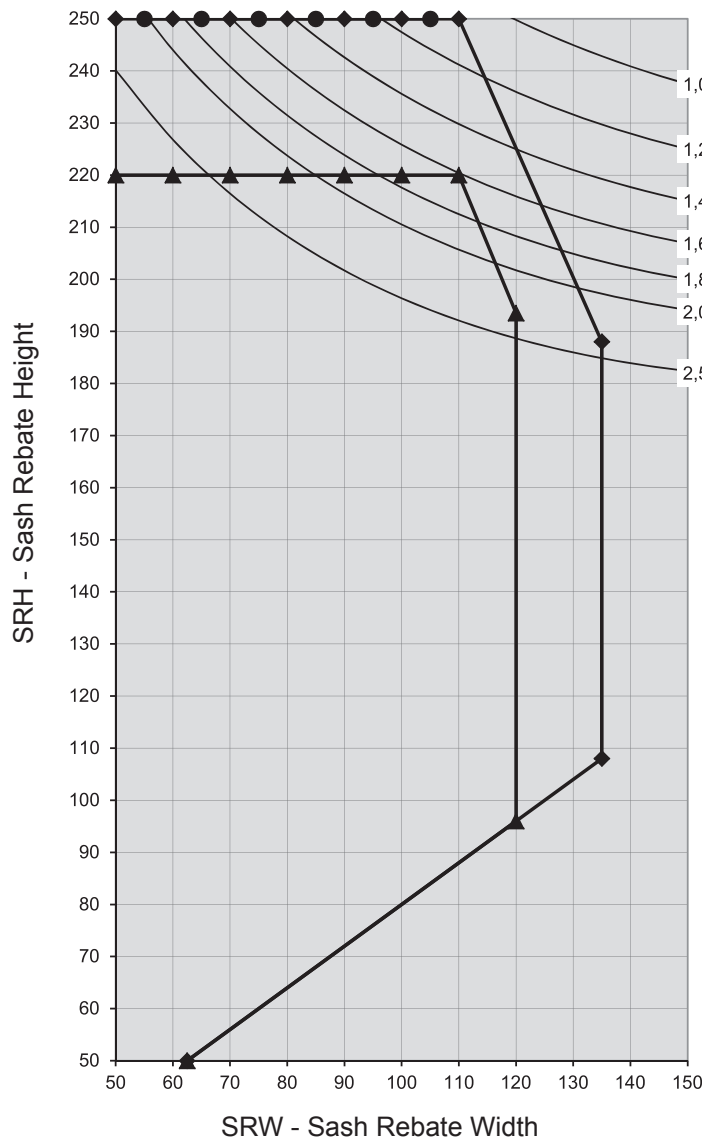


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensiuni Maximala Cercevea Cu Ştulp



76272	76472	76272
V314	V317	V314
$I_W = 5,7 \text{ cm}^4$	$I_W = 4,8 \text{ cm}^4$	$I_W = 5,7 \text{ cm}^4$
$I_G = 8,4 \text{ cm}^4$	$I_G = 2,3 \text{ cm}^4$	$I_G = 8,4 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canat!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

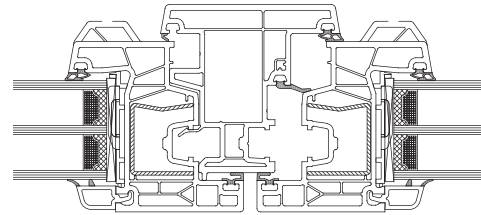
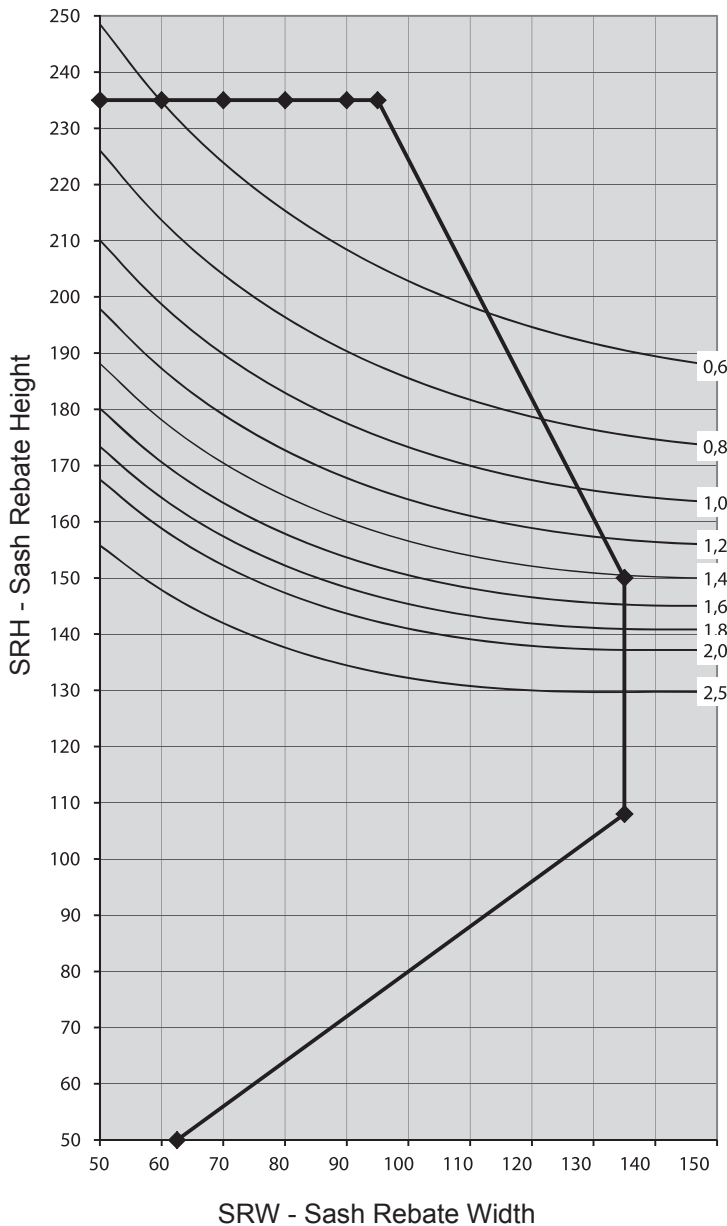


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensiuni Maximala Cercevea Cu Ștulp



76271, 76273	76472	76271, 76273
V303		V303
$I_w = 2,2 \text{ cm}^4$		$I_w = 2,2 \text{ cm}^4$
$I_e = 1,0 \text{ cm}^4$		$I_e = 1,0 \text{ cm}^4$

◆ * Only in white
Nur weiss
Solo in bianco
Doar in varianta alb

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

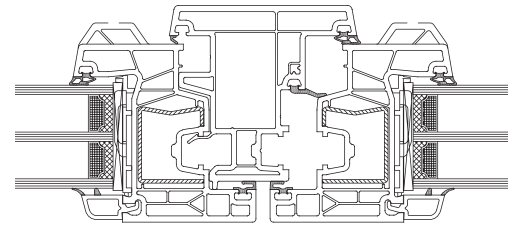
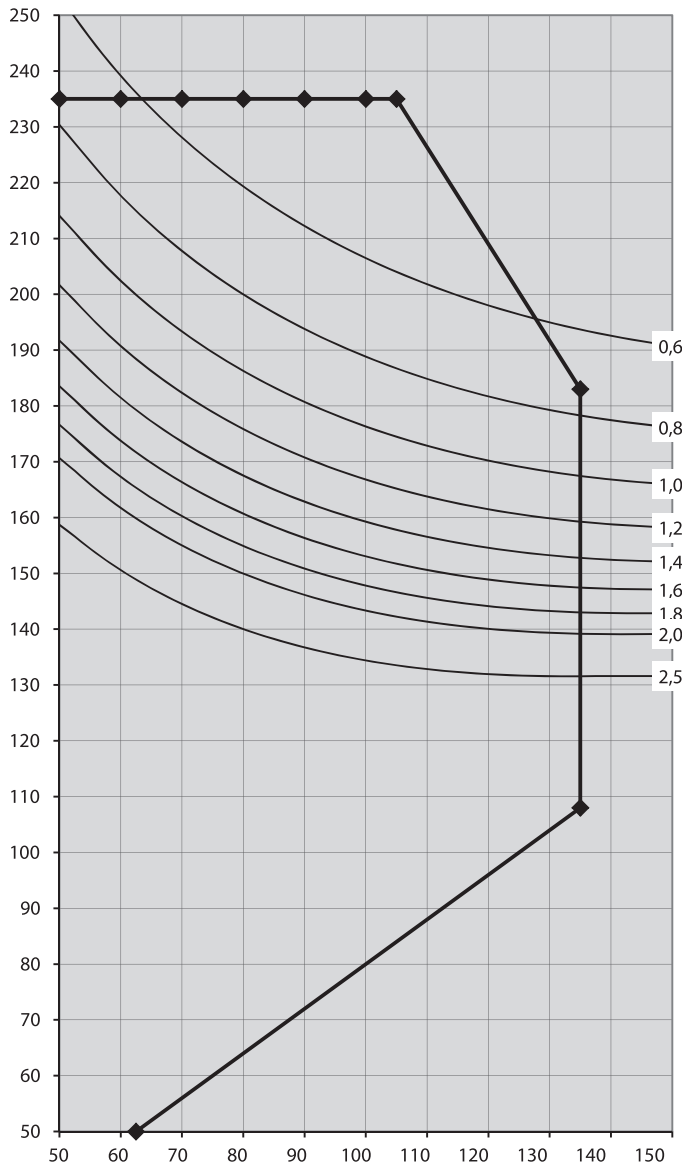


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensiuni Maximala Cercevea Cu Ştulp



Flügelprofil 76271, 76273	Stulpprofil 76472	Flügelprofil 76271, 76273
V306		V306
$I_w = 2,3 \text{ cm}^4$		$I_w = 2,3 \text{ cm}^4$
$I_g = 1,3 \text{ cm}^4$		$I_g = 1,3 \text{ cm}^4$

◆ *** Only in white**
Nur weiss
Solo in bianco
Doar in varianta alb

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height

Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width

Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

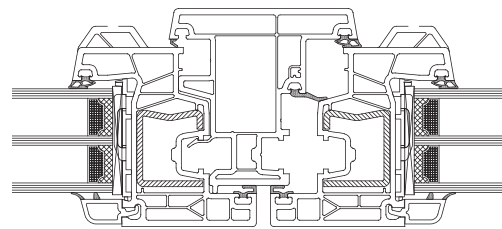
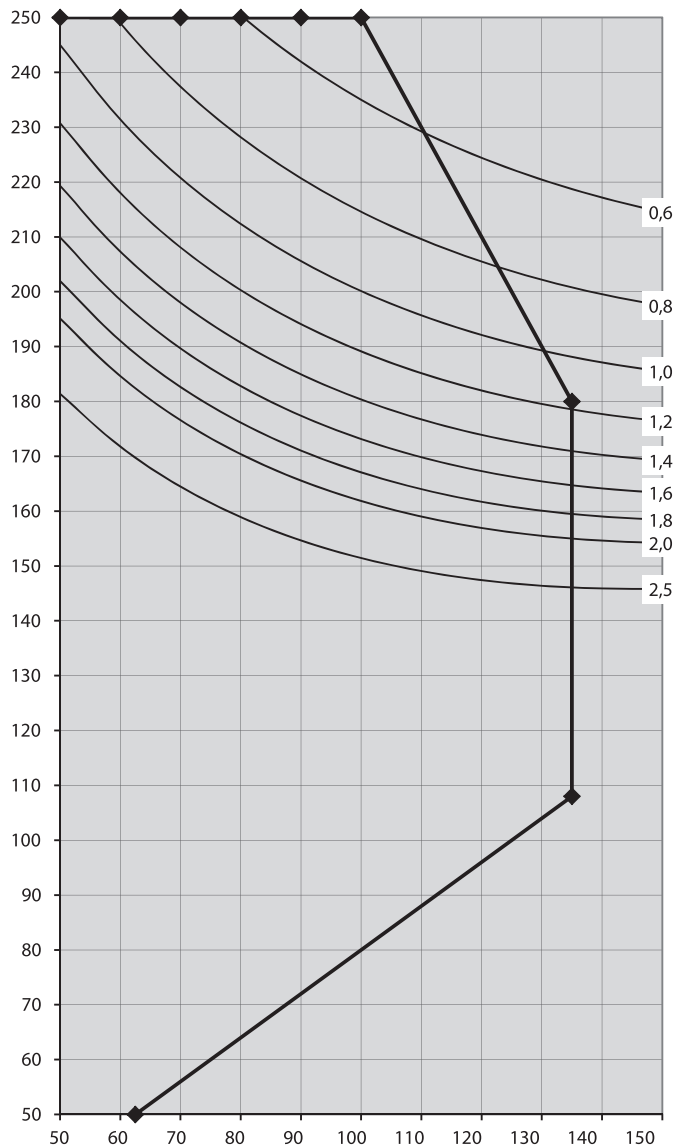


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensiuni Maximala Cercevea Cu Ştulp



76271, 76273	76472	76271, 76273
V308		V308
$I_w = 3,4 \text{ cm}^4$		$I_w = 3,4 \text{ cm}^4$
$I_g = 1,9 \text{ cm}^4$		$I_g = 1,9 \text{ cm}^4$

◆ * **Only in white**
Nur weiss
Solo in bianco
Doar in varianta alb

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

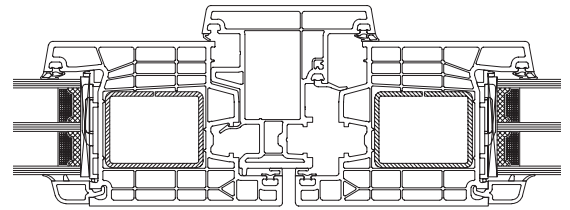
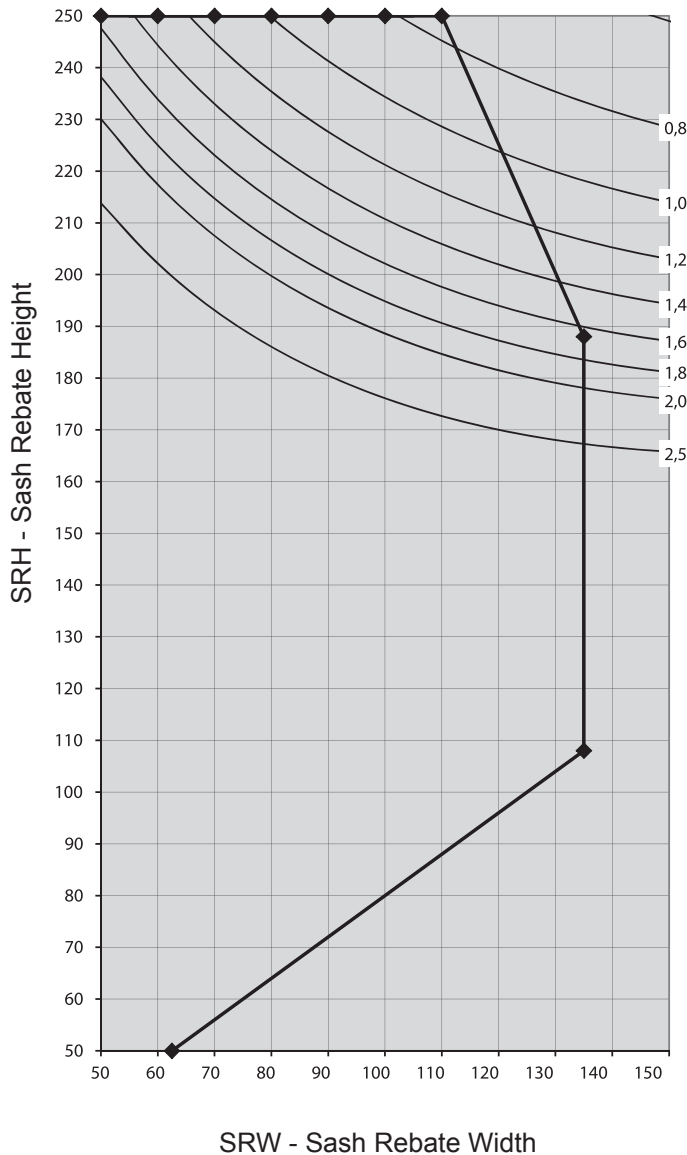


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Double Sash Window / Stulp Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra a Due Ante / Dimensioni Maximali Cercevea Cu Ştulp



76272	76472	76272
V314		V314
$I_W = 5,7 \text{ cm}^4$		$I_W = 5,7 \text{ cm}^4$
$I_G = 8,4 \text{ cm}^4$		$I_G = 8,4 \text{ cm}^4$

◆ * **Only in white**
Nur weiss
Solo in bianco
Doar in varianta alb

Wind load [kN/m²]

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

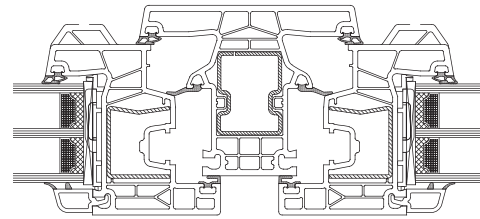
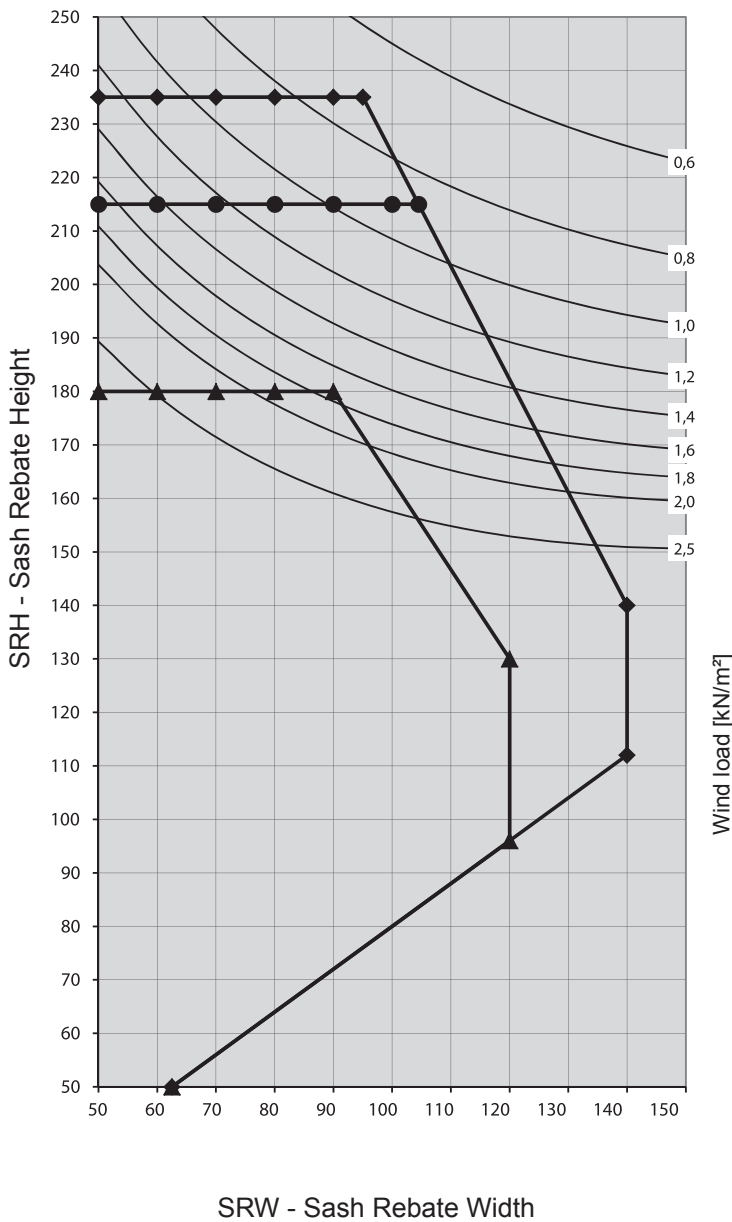


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfofen Fenster Flugelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximala Fereastra cu Montant



76271, 76273	76371	76271, 76273
V303	V320	V303
$I_w = 2,2 \text{ cm}^4$	$I_w = 3,5 \text{ cm}^4$	$I_w = 2,2 \text{ cm}^4$
$I_G = 1,0 \text{ cm}^4$	$I_G = 2,4 \text{ cm}^4$	$I_G = 1,0 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canat!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

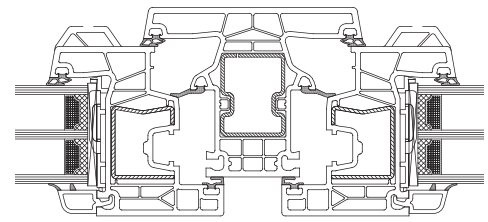
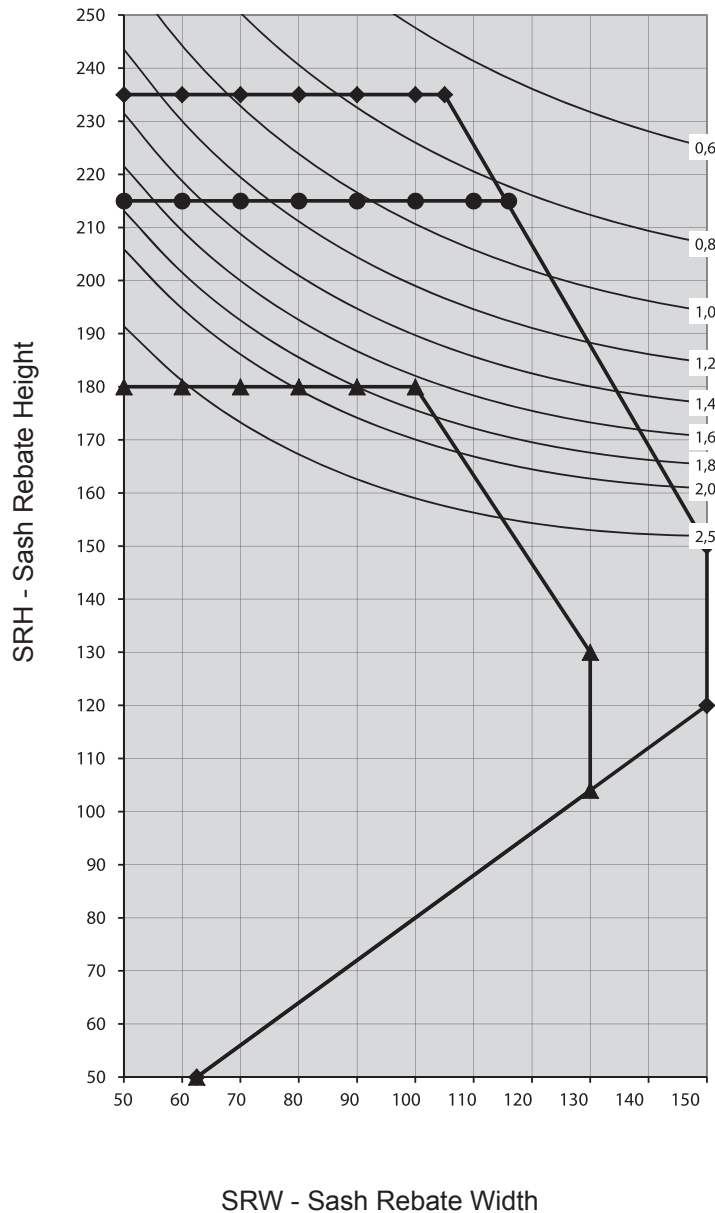


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfosten Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximali Fereastră cu Montant



Flügelprofil 76271, 76273	Pfostenprofil 76371	Flügelprofil 76271, 76273
V306	V320	V306
$I_w = 2,3 \text{ cm}^4$ $I_g = 1,3 \text{ cm}^4$	$I_w = 3,5 \text{ cm}^4$ $I_g = 2,4 \text{ cm}^4$	$I_w = 2,3 \text{ cm}^4$ $I_g = 1,3 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

Wind load [kN/m²]

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügelprofile zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

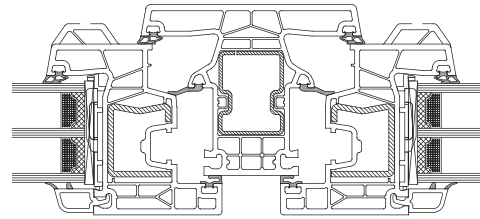
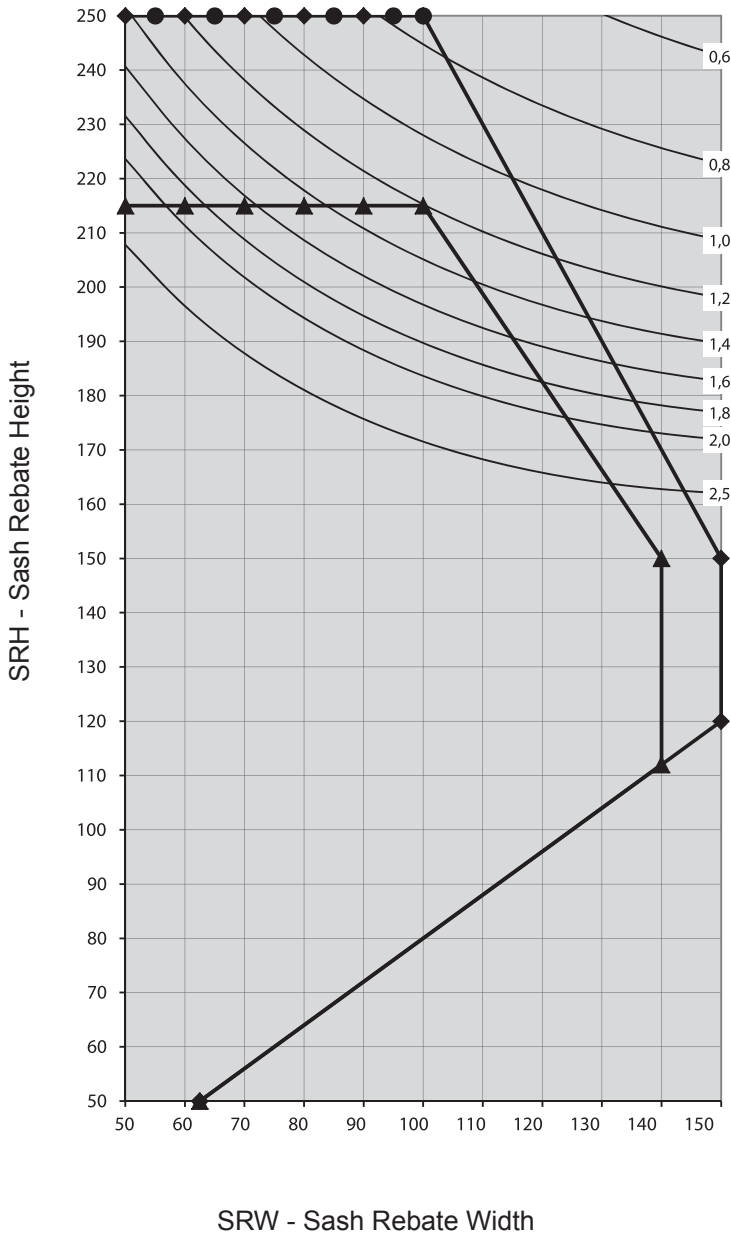


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Moulion / Pfofen Fenster Fluegelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximala Fereastra cu Montant



76271, 76273	76371	76271, 76273
V308	V320	V308
$I_w = 3,4 \text{ cm}^4$	$I_w = 3,5 \text{ cm}^4$	$I_w = 3,4 \text{ cm}^4$
$I_G = 1,9 \text{ cm}^4$	$I_G = 2,4 \text{ cm}^4$	$I_G = 1,9 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canat!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

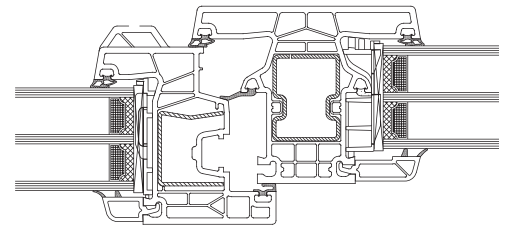
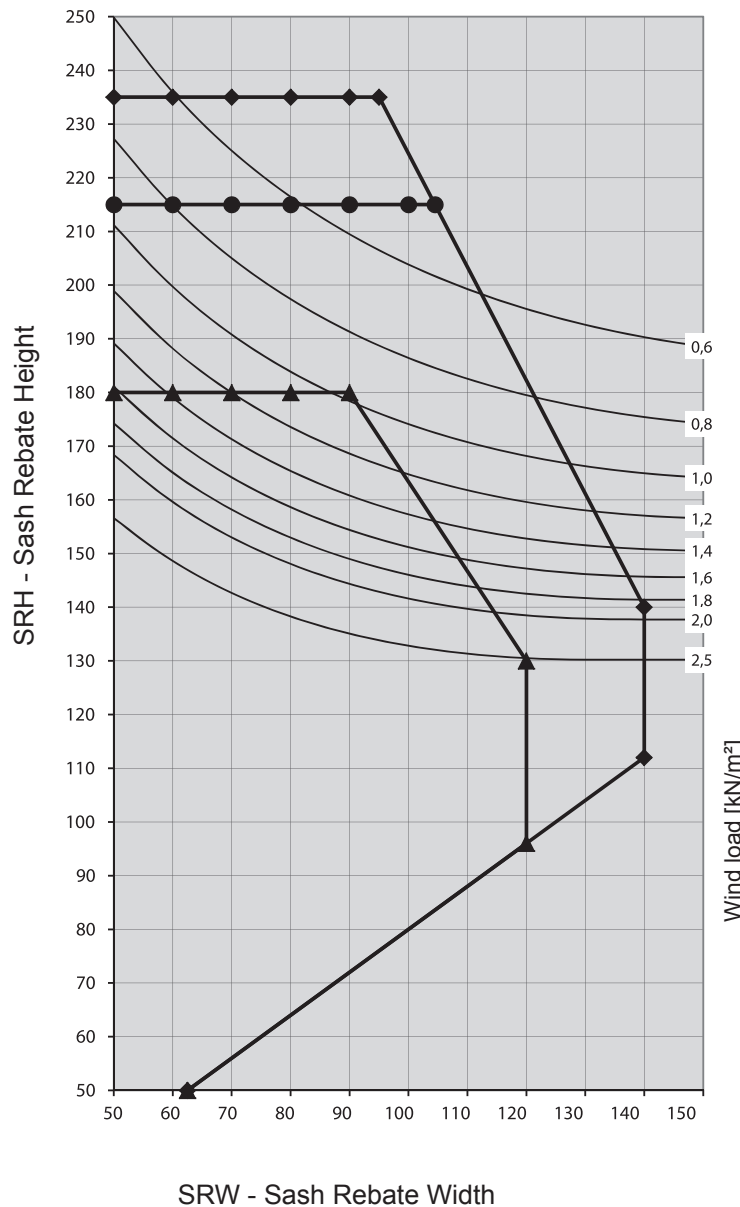


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Moulion / Pfofen Fenster Flügelfrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalre Fereastră cu Montant



76271, 76273 76371
V303 **V320**
 $I_w = 2,2 \text{ cm}^4$ $I_w = 3,5 \text{ cm}^4$
 $I_g = 1,0 \text{ cm}^4$ $I_g = 2,4 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastră intr-un singur canal!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelfbreite darf die Flügelfhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

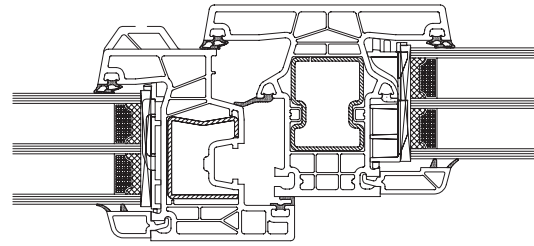
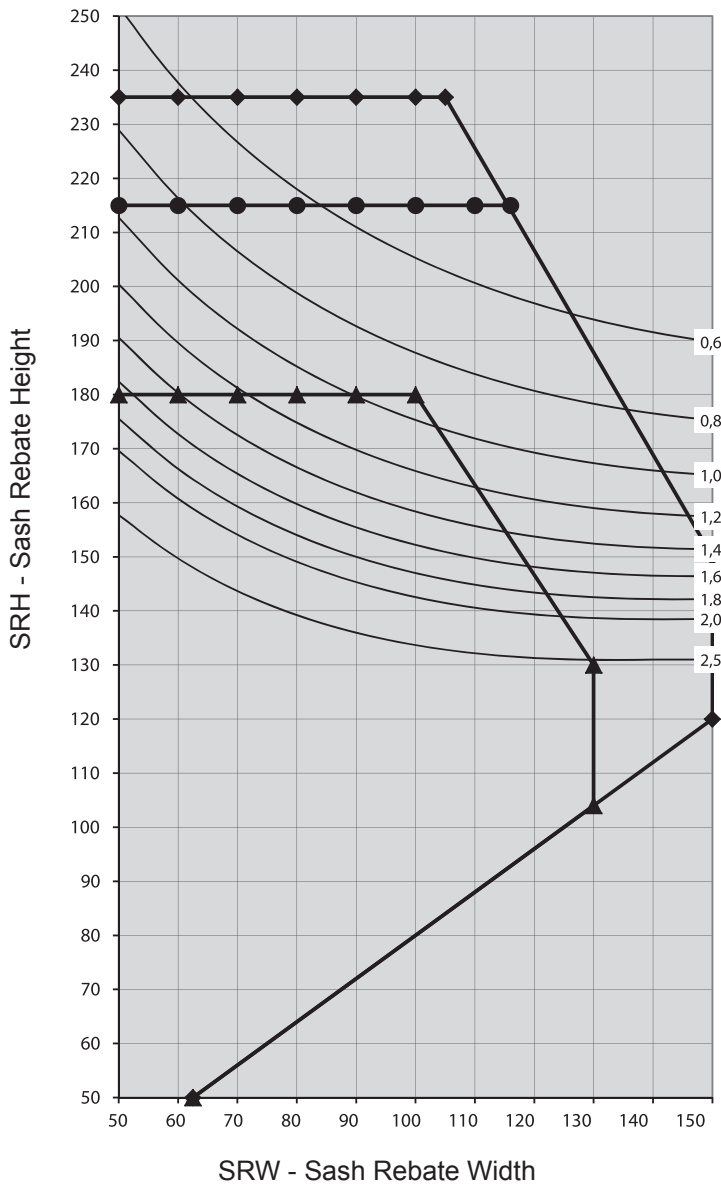


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfosten Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalne Fereastra cu Montant



Flügelprofil 76271, 76273 Pfostenprofil 76371

V306

$I_W = 2,3 \text{ cm}^4$
 $I_G = 1,3 \text{ cm}^4$

V320

$I_W = 3,5 \text{ cm}^4$
 $I_G = 2,4 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastra intr-un singur canal!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

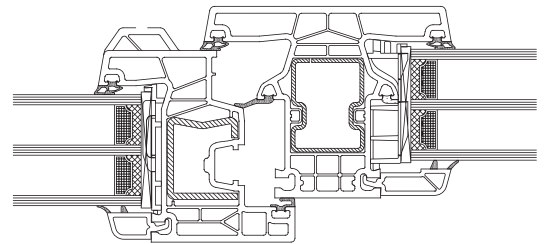
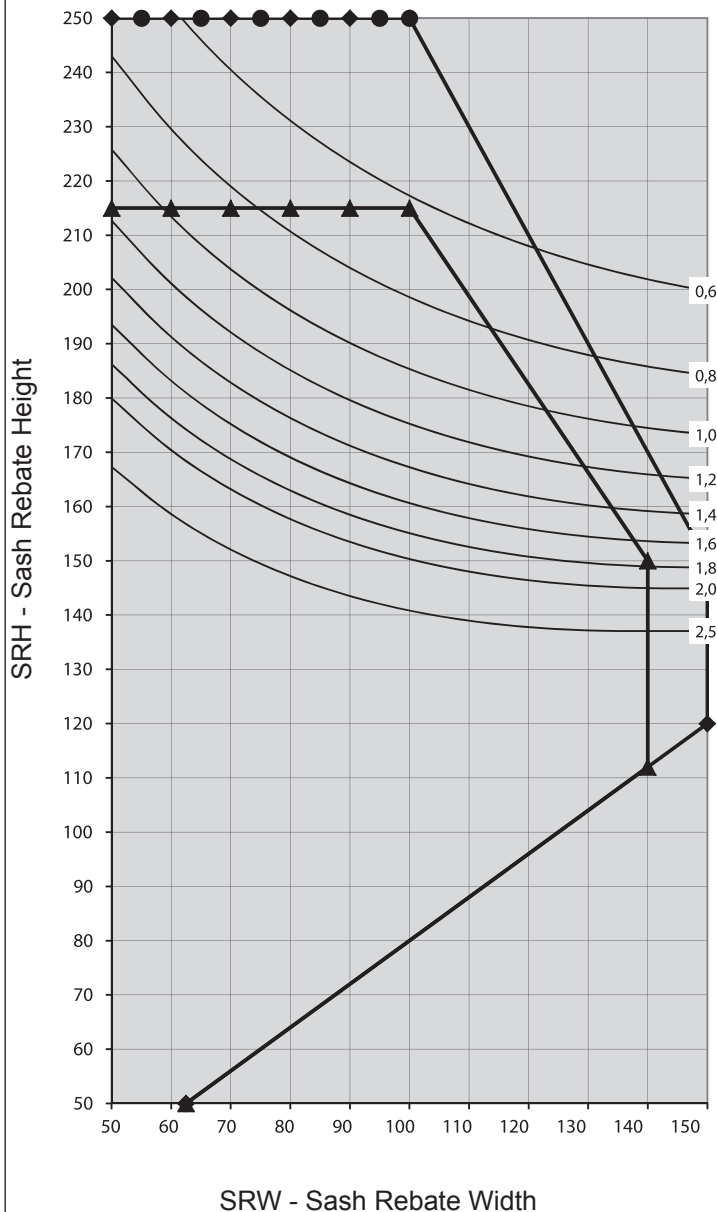


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Moulion / Pfosten Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalne Fereastra cu Montant



76271, 76273 76271, 76273

V308

$I_w = 3,4 \text{ cm}^4$
 $I_G = 1,9 \text{ cm}^4$

V320

$I_w = 3,5 \text{ cm}^4$
 $I_G = 2,4 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

Wind load [kN/m²]

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastra intr-un singur canal!

SRH - Sash rebate height

Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width

Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%



Aluminium cover allowed

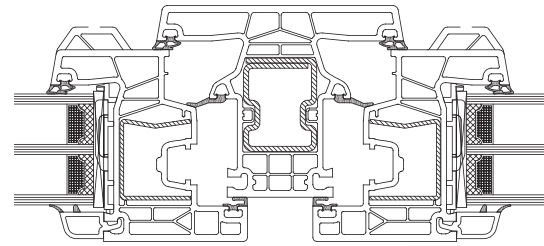
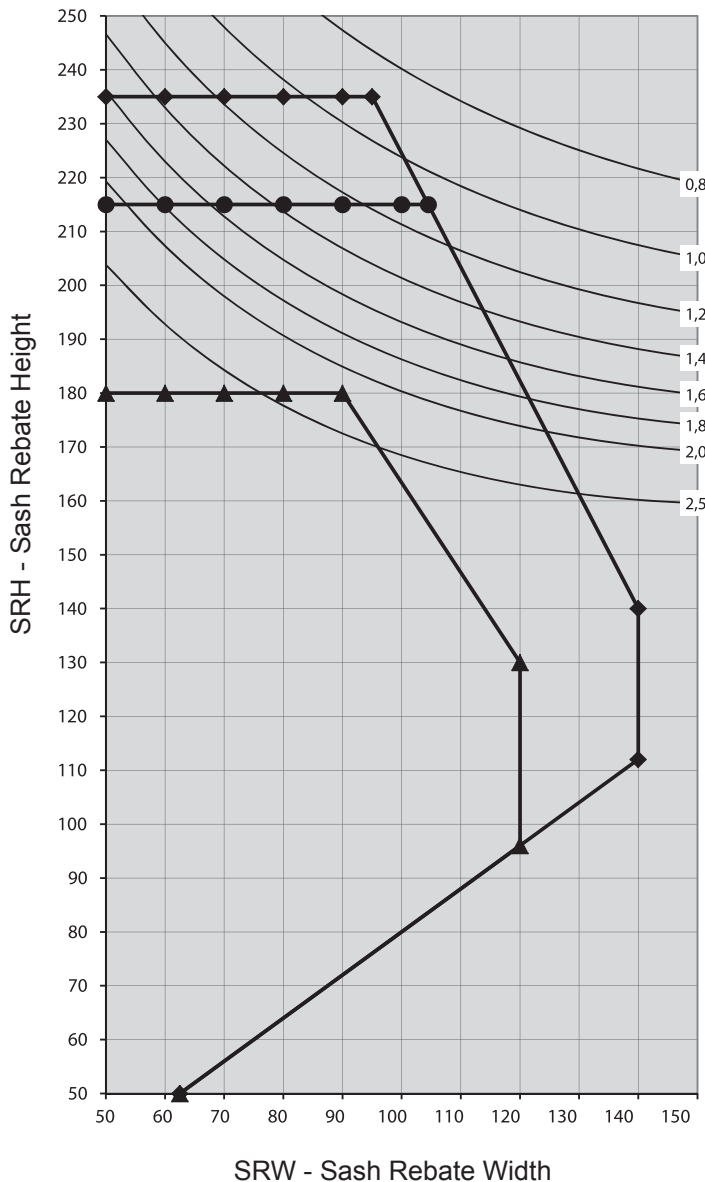
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed

Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Moulion / Pfofen Fenster Fluegelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximala Fereastra cu Montant



76271, 76273	76371	76271, 76273
V303	V321	V303
$I_W = 2,2 \text{ cm}^4$	$I_W = 5,5 \text{ cm}^4$	$I_W = 2,2 \text{ cm}^4$
$I_G = 1,0 \text{ cm}^4$	$I_G = 3,1 \text{ cm}^4$	$I_G = 1,0 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügelprofile zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canat!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

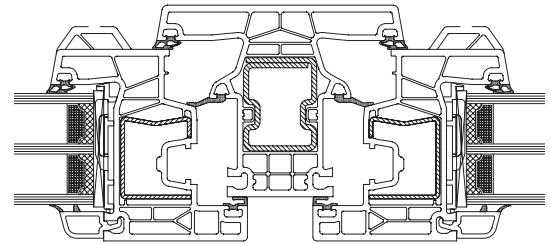
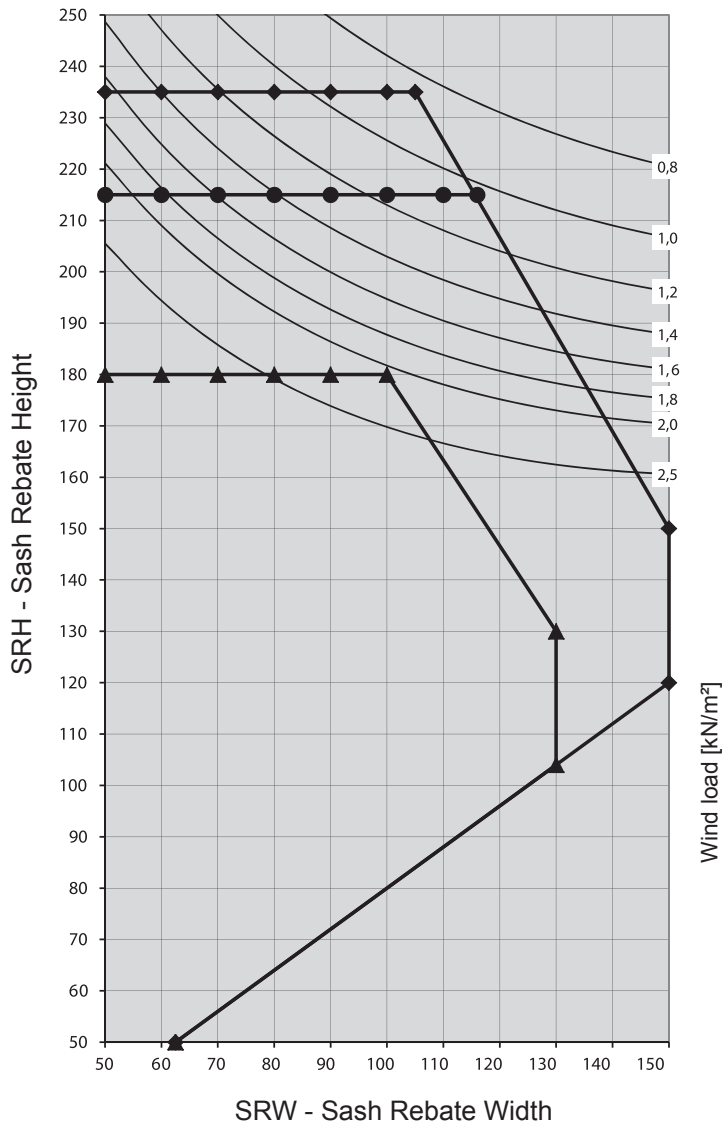


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfofen Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalne Fereastra cu Montant



Flügelprofil 76271, 76273	Pfofenprofil 76371	Flügelprofil 76271, 76273
V306	V321	V306
$I_W = 2,3 \text{ cm}^4$	$I_W = 5,5 \text{ cm}^4$	$I_W = 2,3 \text{ cm}^4$
$I_G = 1,3 \text{ cm}^4$	$I_G = 3,1 \text{ cm}^4$	$I_G = 1,3 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastra intr-un singur canal!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

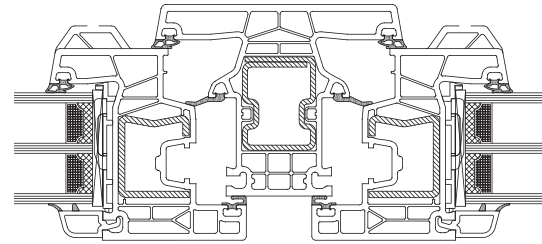
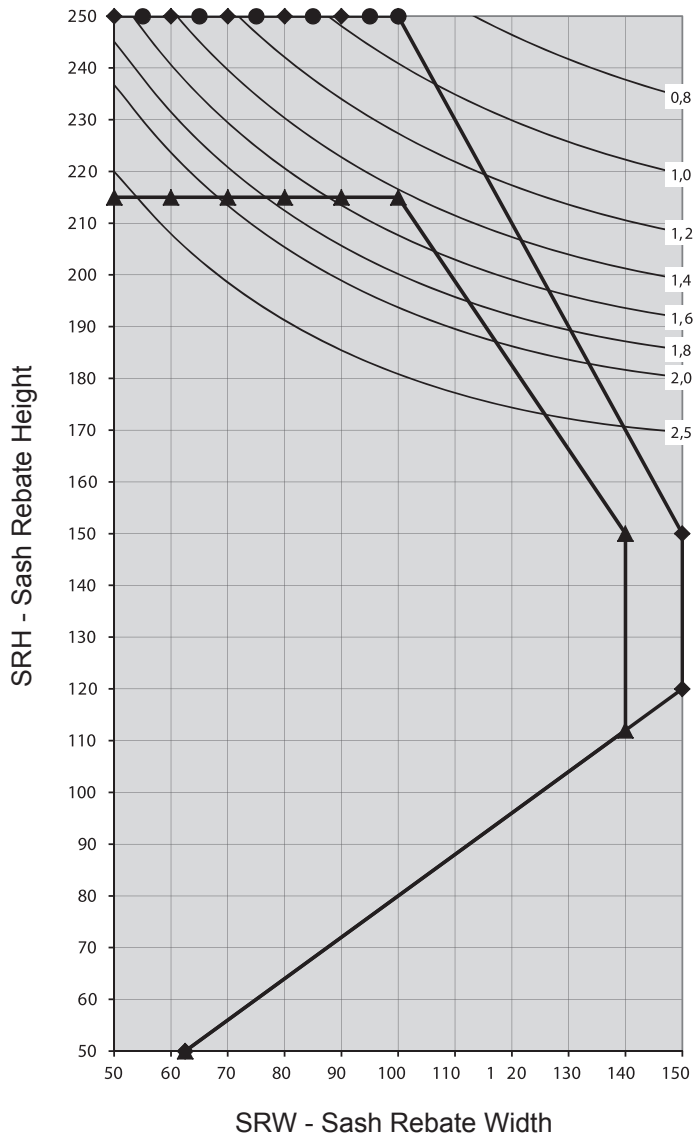


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfofen Fenster Flugelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalne Fereastră cu Montant



76271, 76273	76371	76271, 76273
V308	V321	V308
$I_W = 3,4 \text{ cm}^4$	$I_W = 5,5 \text{ cm}^4$	$I_W = 3,4 \text{ cm}^4$
$I_G = 1,9 \text{ cm}^4$	$I_G = 3,1 \text{ cm}^4$	$I_G = 1,9 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel- und Diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canat!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

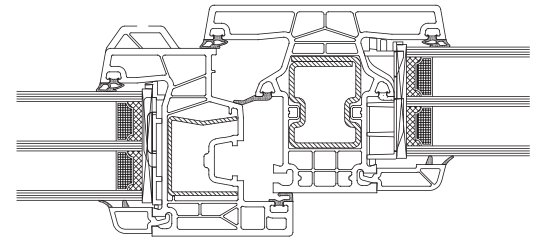
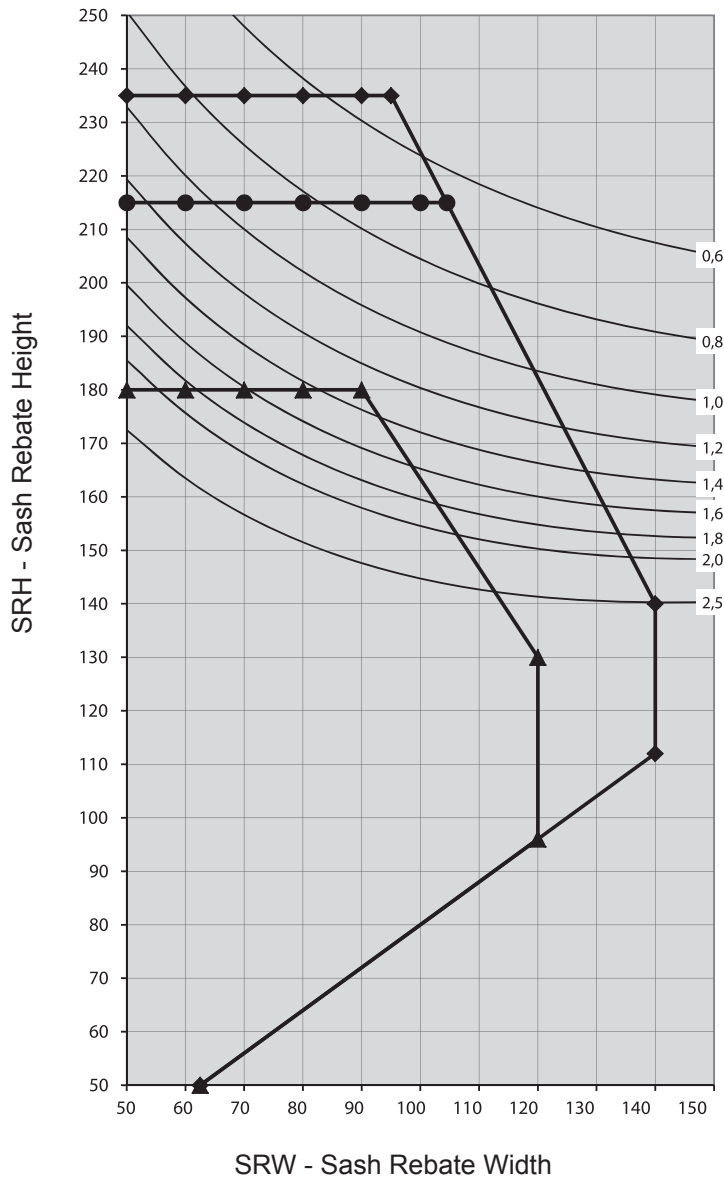


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Moulion / Pfosten Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalre Fereastra cu Montant



76271, 76273 76371

V303

$I_W = 2,2 \text{ cm}^4$
 $I_G = 1,0 \text{ cm}^4$

V321

$I_W = 5,5 \text{ cm}^4$
 $I_G = 3,1 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastra intr-un singur canat!

SRH - Sash rebate height

Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width

Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

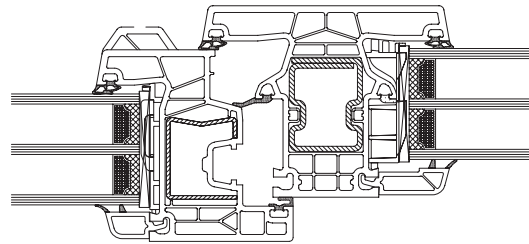
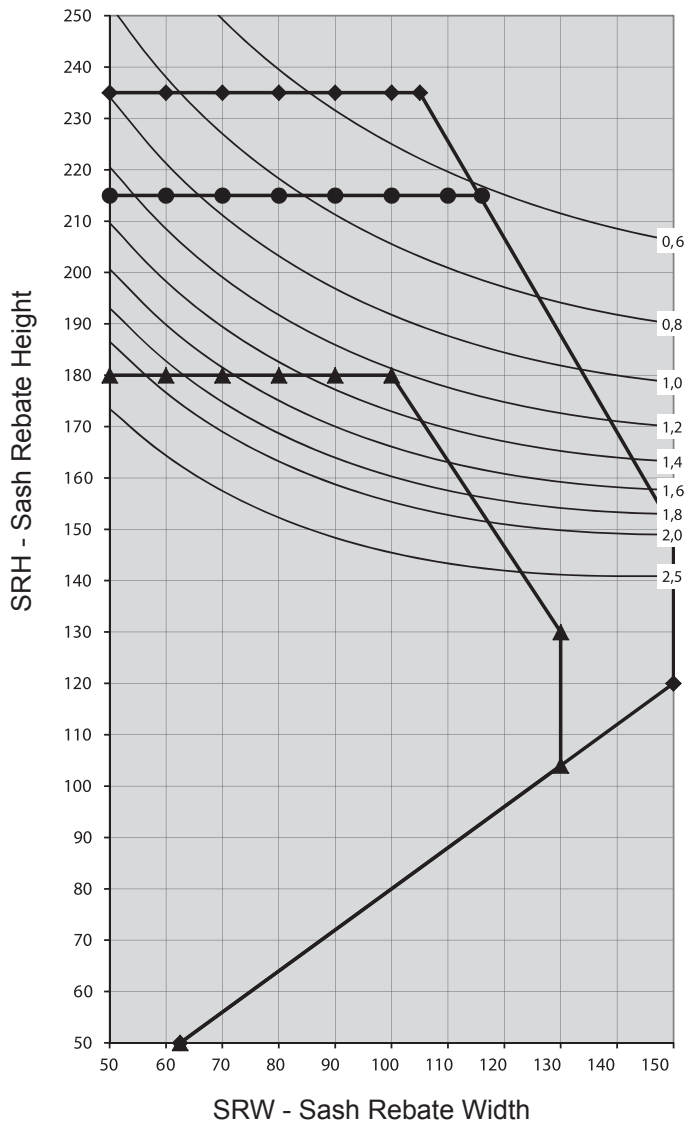


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfofen Fenster Flugelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalre Fereastră cu Montant



Flügelprofil 76271, 76273 Pfofenprofil 76371

V306 V321

$I_W = 2,3 \text{ cm}^4$
 $I_G = 1,3 \text{ cm}^4$

$I_W = 5,5 \text{ cm}^4$
 $I_G = 3,1 \text{ cm}^4$

Wind load [kN/m²]

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastră intr-un singur canat!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%

Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

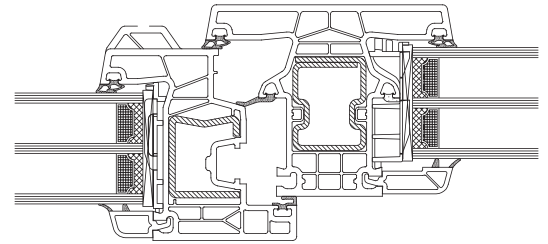
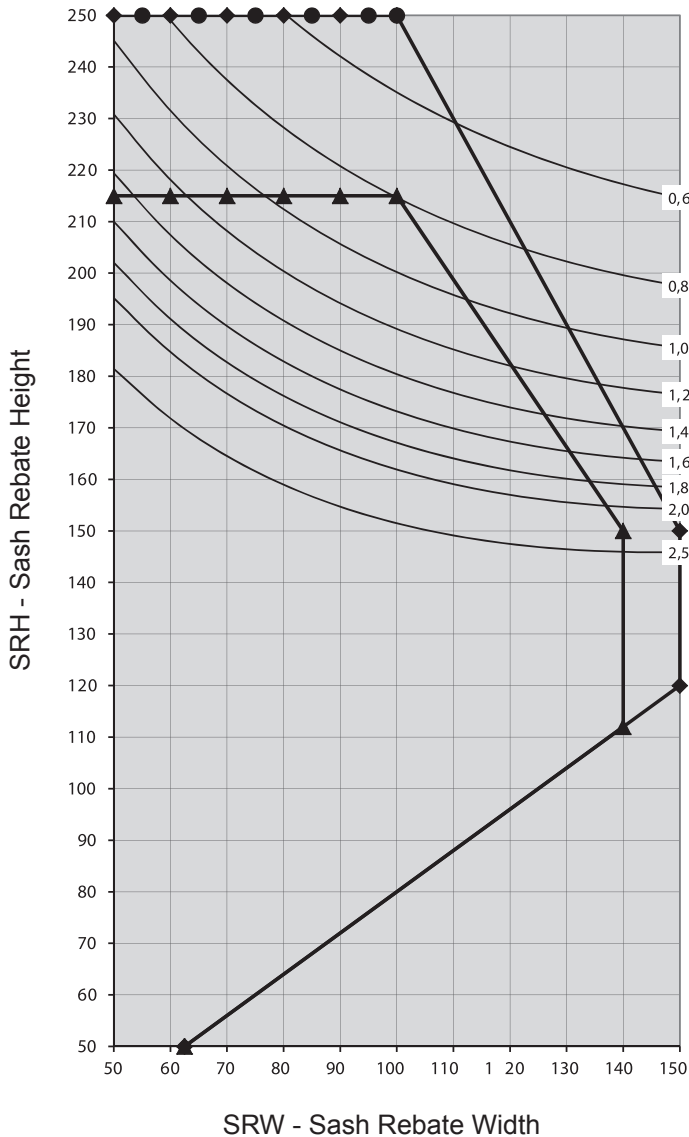


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfosten Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximali Fereastră cu Montant



76271, 76273	76371
V308	V321
$I_w = 3,4 \text{ cm}^4$	$I_w = 5,5 \text{ cm}^4$
$I_G = 1,9 \text{ cm}^4$	$I_G = 3,1 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru ferestra intr-un singur canal!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

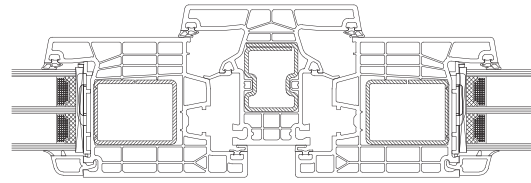
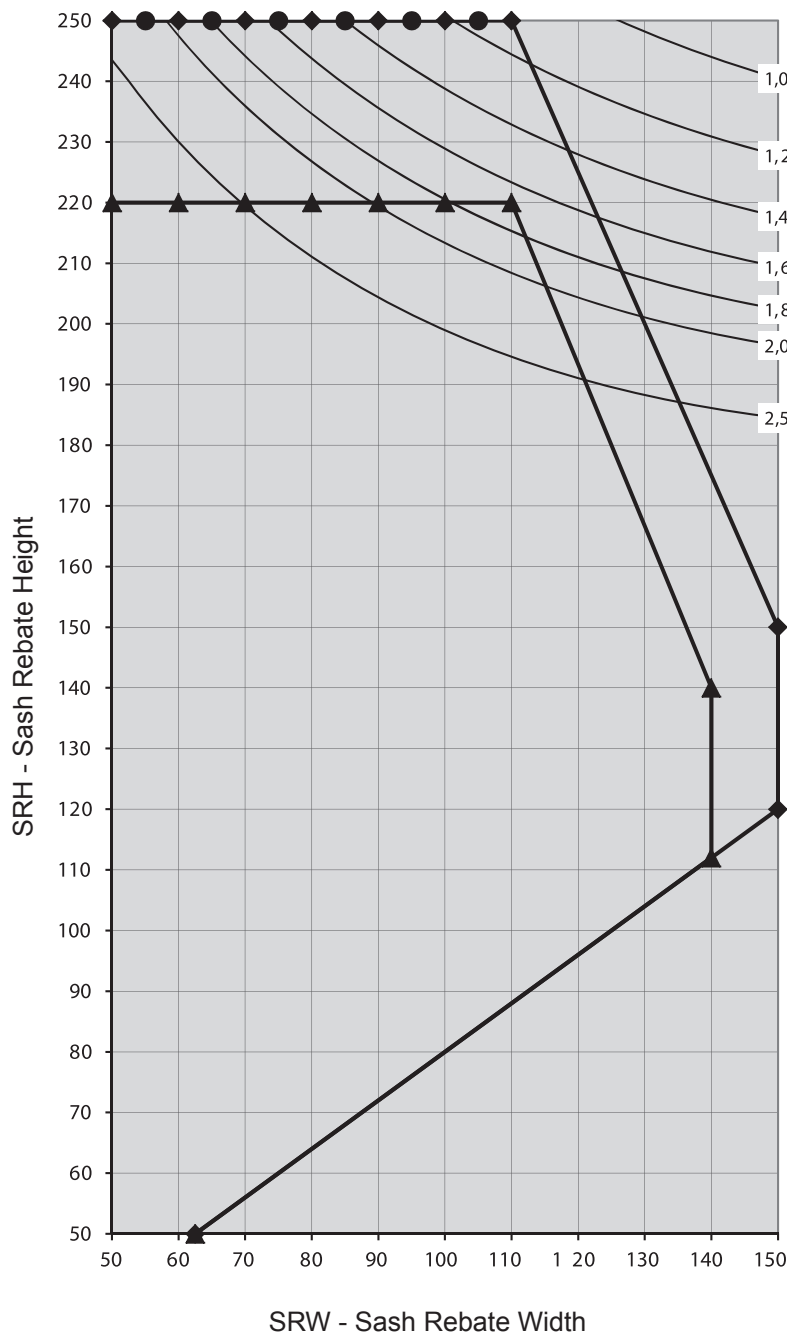


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Mullion / Pfosten Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximalne Fereastra cu Montant



76272 V314 $I_w = 5.7 \text{ cm}^4$ $I_G = 8.4 \text{ cm}^4$	76371 V321 $I_w = 5.5 \text{ cm}^4$ $I_G = 3.1 \text{ cm}^4$	76272 V314 $I_w = 5.7 \text{ cm}^4$ $I_G = 8.4 \text{ cm}^4$
--	--	--

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

Wind load [kN/m²]

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügel diagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastra intr-un singur canal!

SRH - Sash rebate height
Flügelalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

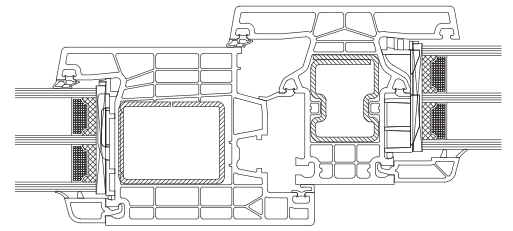
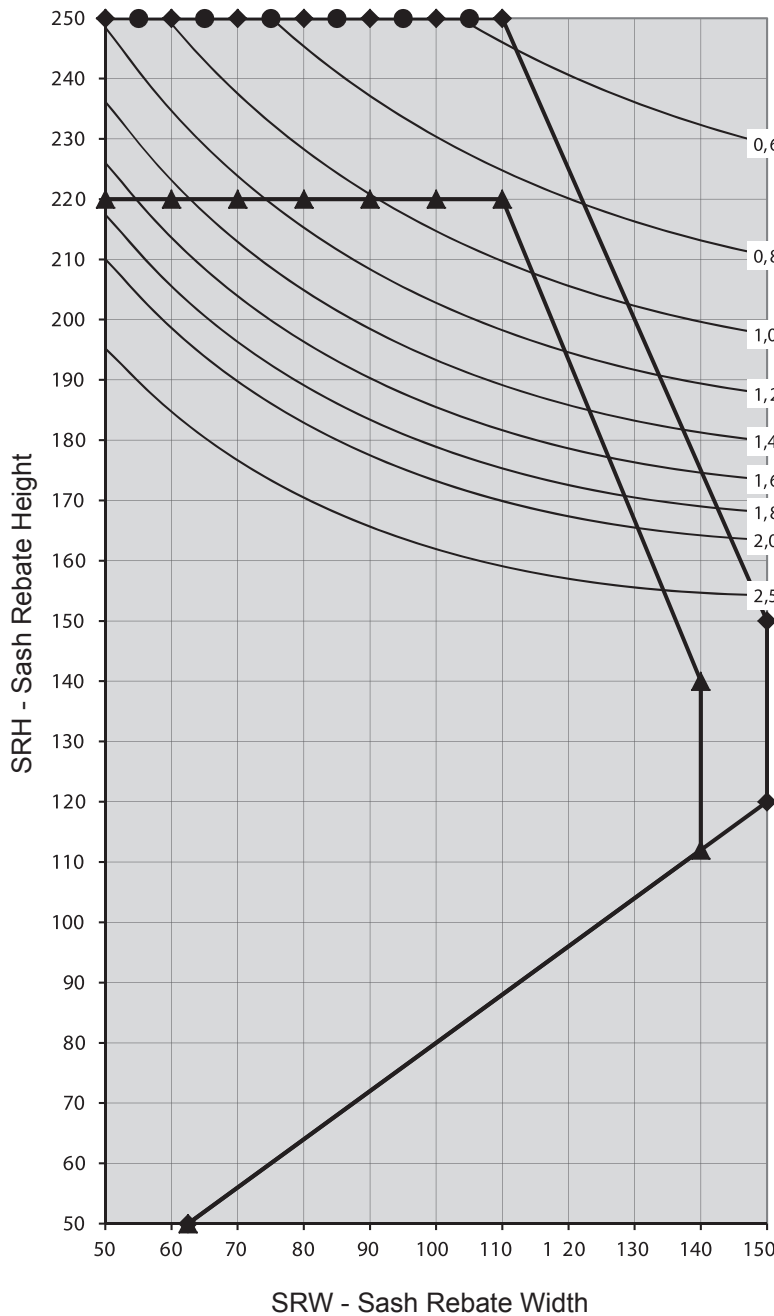


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Maximum Size Window with Moulion / Pfosten Fenster Flügelgrößen Diagramme / Campi d'applicazione Anta Finestra con montante / Dimensiuni Maximali Fereastră cu Montant



76272	76371
V314	V321
$I_W = 5,7 \text{ cm}^4$	$I_W = 5,5 \text{ cm}^4$
$I_G = 8,4 \text{ cm}^4$	$I_G = 3,1 \text{ cm}^4$

- ◆ White Profiles
- IR - Reflex - Color Profiles
- ▲ Standard - Color Profiles

Wind load [kN/m²]

When the total glass thickness exceeds 8 mm the specifications on the single sash diagrams must be considered in addition!

Bei einer Gesamtglasdicke von mehr als 8 mm sind die Vorgaben der Einzel-Flügeldiagramme zusätzlich zu berücksichtigen!

Con spessori vetro superiori a 8 mm devono essere rispettate anche le indicazioni dei singoli diagrammi!

Pentru geamuri cu grosime cumulata a sticlei mai mare de 8 mm este necesara consultarea suplimentara a graficelor de statica pentru fereastră intr-un singur canal!

SRH - Sash rebate height
Flügelfalzhöhe
Altezza battente in battuta
Înălțimea falțului cercevelei

SRW - Sash rebate width
Flügelfalzbreite
Larghezza battente in battuta
Lățimea falțului cercevelei

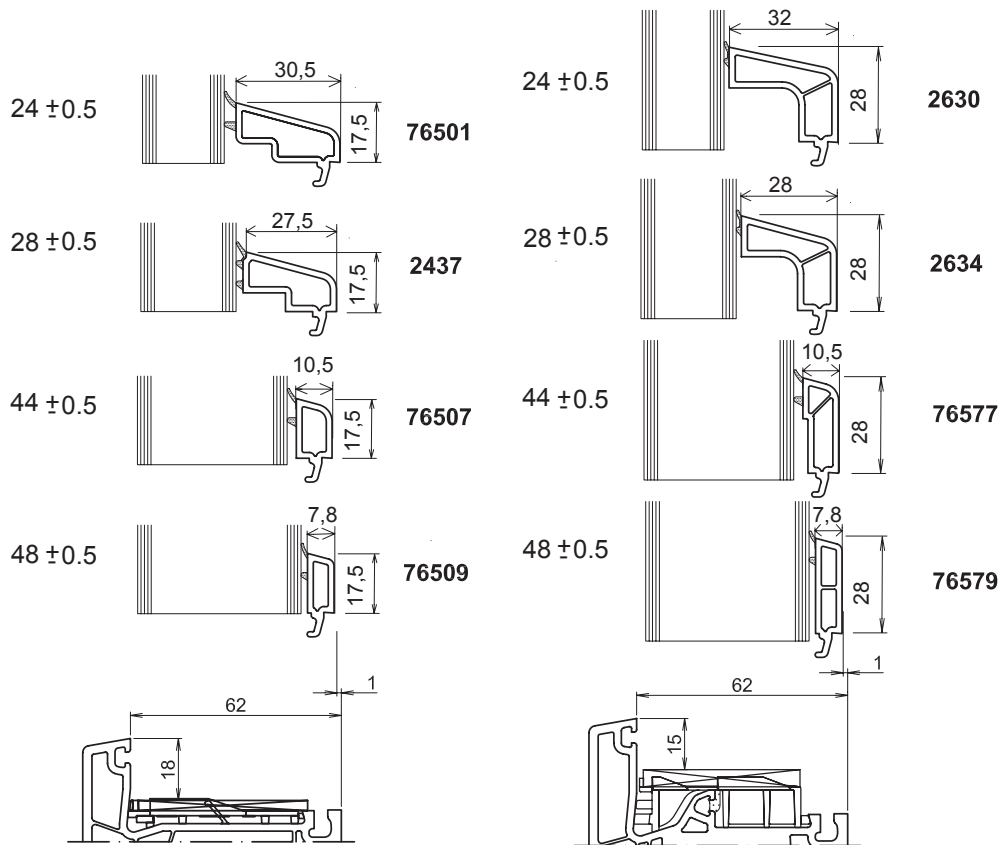
The sash width must not be greater than the sash height by more than 25%
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.
La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%














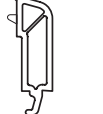

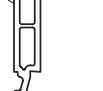


Aluminium cover allowed
Alu-Schale zugelassen
Rivestimento in alluminio permesso
Placare cu aluminiu permisa



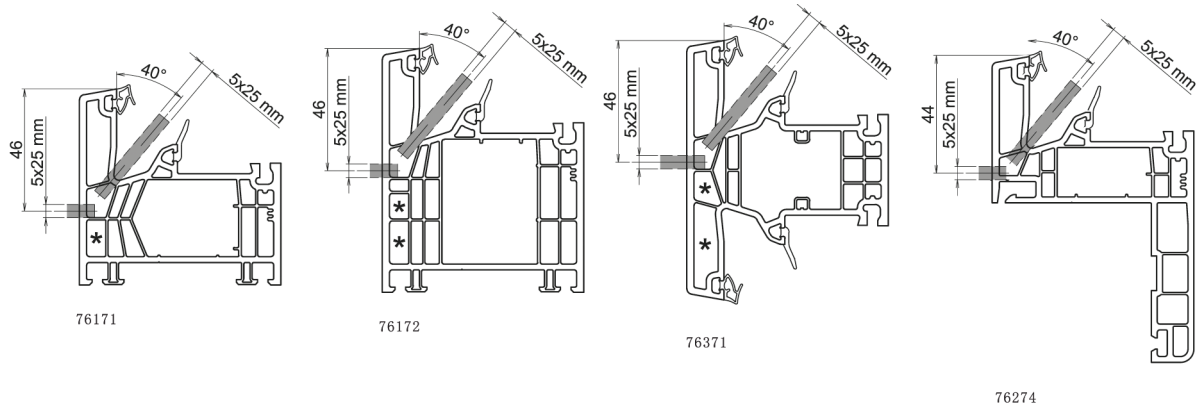
Aluminium cover not allowed
Alu-Schale nicht zulässig
Rivestimento in alluminio non permesso
Placare cu aluminiu nepermisa

Glazing Beads / Glasleiste / Fermavetri / Baghete de fixare geam


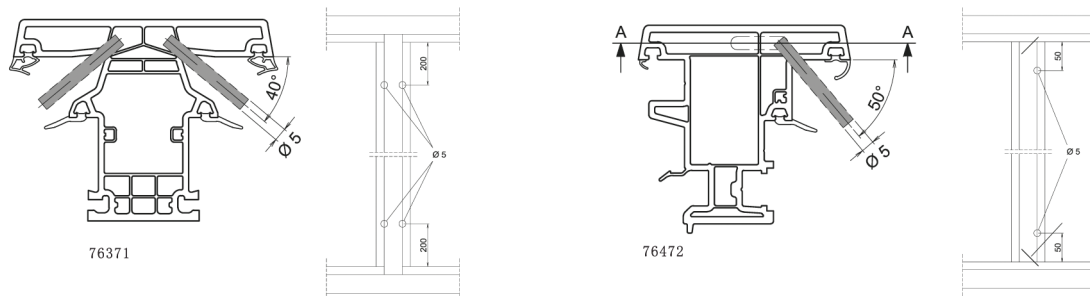
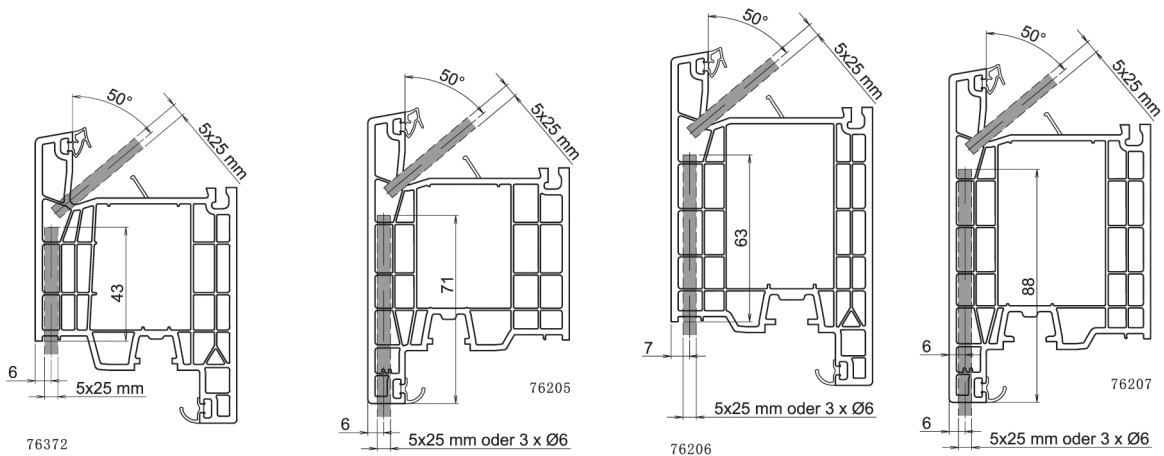
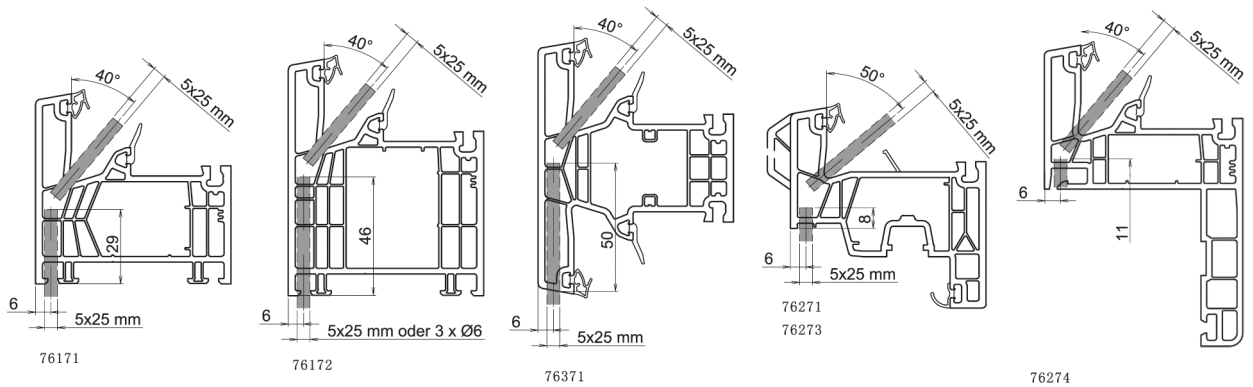
Profile	Glass / Glas / Vetro / Sticlă	Glazing bead / Glasleiste Fermavetro / Baghetă	Gasket / Dichtung Guarnizione / Garnitură	
Sash 76271, 76273, 76270, 76205, 76206, 76207	 24 mm	 76501	black or gray	
	 28 mm	 2437		
	 44 mm	 76507		
	 48 mm	 76509		
Frame 76171, 76172, 76174	 24 mm	 2630		black or gray
	 28 mm	 2634		
	 44 mm	 76577		
	 48 mm	 76579		

Drainage / Entwässerung / Drenaggio / Drenajul

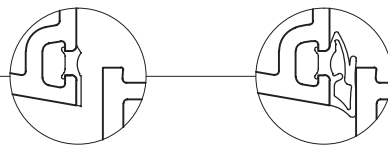
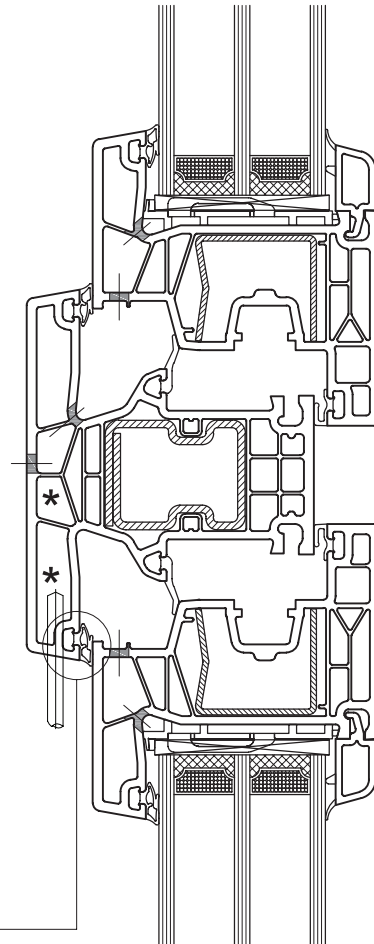
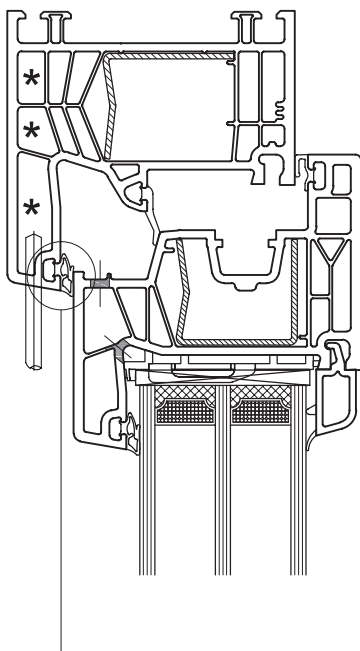
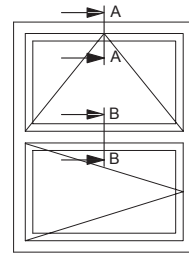
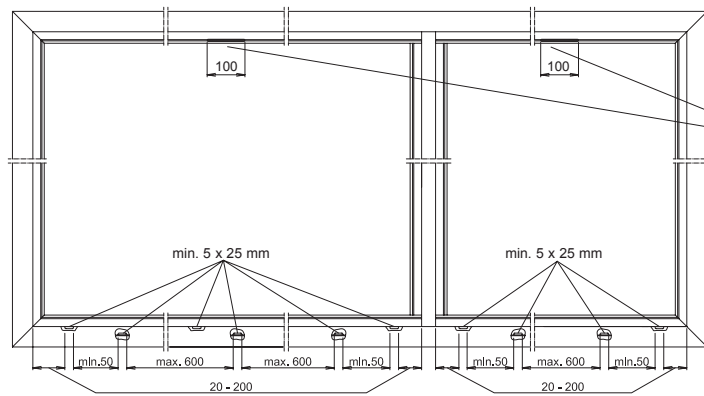
Front drainage / Entwässerung nach vorne / Drenaggio frontale / Drenaj frontal



Hidden drainage / Entwässerung nach unten / Drenaggio nascosto / Drenaj inferior



Ventilation / Entlüftung / Ventilazione / Ventilarea

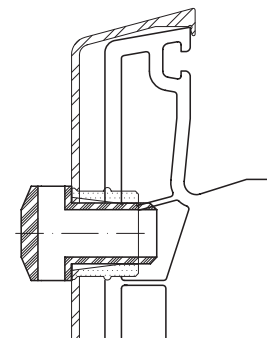
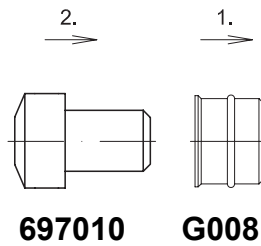


*** The antechamber must be ventilated if heat is to be prevented from accumulating in non-white profiles.**

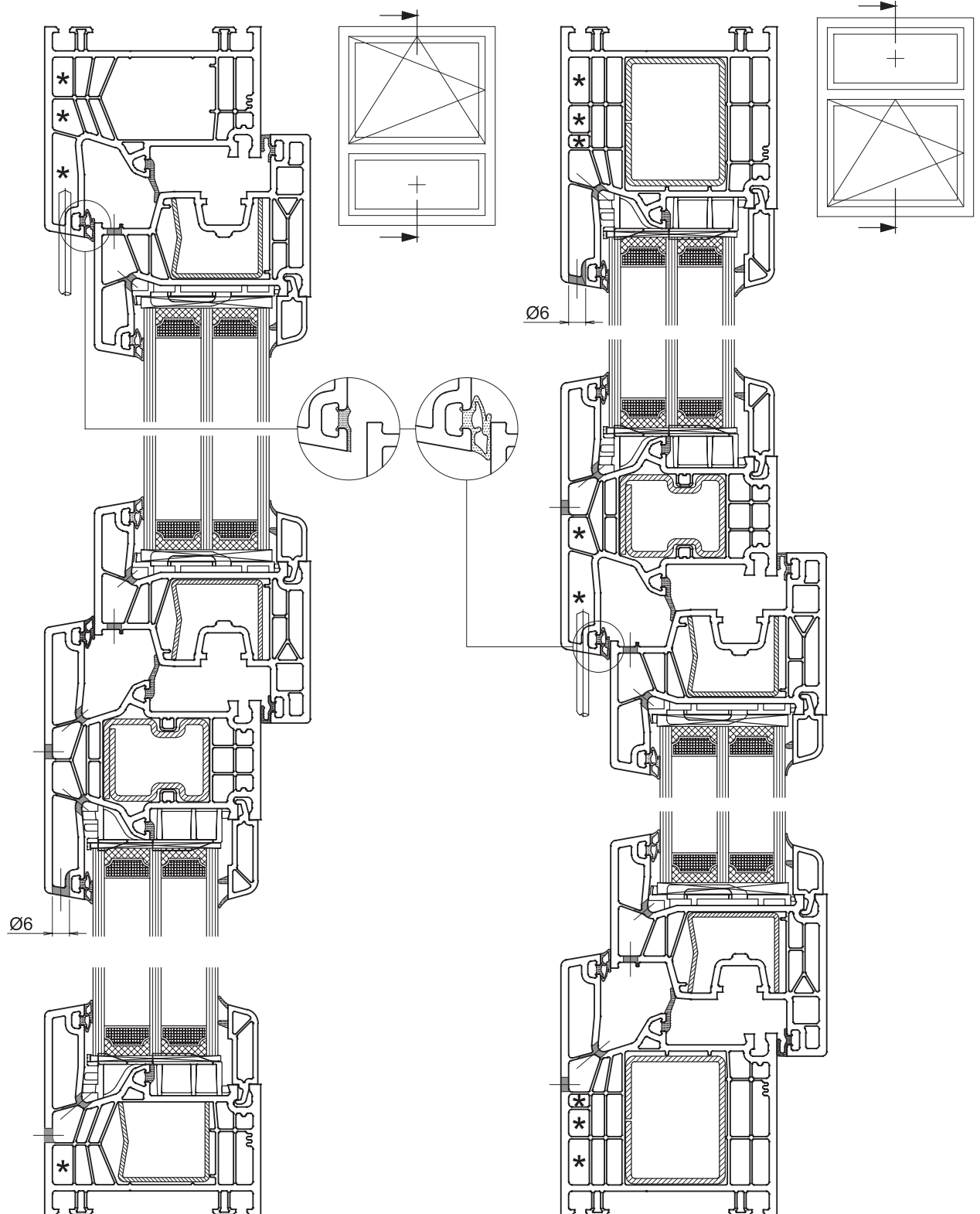
* Um einen Hitzestau zu vermeiden, belüften Sie bei nicht weißen Profilen die Vorkammern.

* Per evitare un ristagno di calore la precamera dei profili non bianchi deve essere ventilata

* Pentru a evita acumulara de caldura, precamerele profilelor non-albe trebuiesc ventilate.



Ventilation / Entlüftung / Ventilazione / Ventilarea



*** The antechamber must be ventilated if heat is to be prevented from accumulating in non-white profiles.**

* Um einen Hitzestau zu vermeiden, belüften Sie bei nicht weißen rofilen die Vorkammern.

* Per evitare un ristagno di calore la precamera dei profili non bianchi deve essere ventilata

* Pentru a evita acumulara de caldura, precamerele profilelor non-albe trebuiesc ventilate.