www.koemmerling-better-world.com

YOUR WINDOW TO A BETTER WORLD.

DO GREAT THINGS WITH US!

Protecting the climate. Keeping the oceans clean. Helping people. Even if you think that you can only make a limited contribution as an individual, we can create a great future together: with a KÖMMERLING premium window. We take sustainability, the environment and social responsibility just as seriously as you do



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KÖMMERLING

PROFILE SURVEY, SYSTEM CHINA

KÖMMERLING®



Company founder Karl Kömmerling



Owner and CEO Dr. Peter Mrosik

KÖMMERLING.

With visionary ideas paving the way to success.

What began in 1897 as a commercial enterprise for the shoe industry in Germany has now evolved into the jewel of the international profine Group: KÖMMERLING, our premium profile brand.

KÖMMERLING can look back on a history of success that has continued unbroken since its founding. This is closely linked with the success of its partners. Together at the top – this is the philosophy that is fulfilled by concentration on the right factors: Unconditional quality, tradition, and enduring partnership are the pillars that bear a safeguarded future.

As the owner, I am continuing this tradition with fresh impetus. I have made it my personal goal to ensure that every customer, no matter where in the world, is satisfied. Every one of them has a right to the best possible quality, the best possible service, fair dealings, and the best solutions for the market.

This is our daily endeavour, and you as our customers are the focus of our activities.

Yours

Dr Peter Mrosik
Owner and CEO

since 1897



BASED ON TRADITION INTO THE FUTURE.

In Europe, the KÖMMERLING brand is nearly a synonym for PVC-U windows for the public. In order to allow more people enjoy a more comfortable life, KÖMMERLING continues challenging the science and technology.

KÖMMERLING PVC-U window systems have past a great number of international product quality certifications. At the same time, profine with its brand KÖMMERLING has been largely expanding to new markets on all continents, developing new window systems for the individual market requirements. KÖMMERLING can look back to a long tradition of PVC-U window profile extrusion and has built up a large international network of successful customers in the PVC-U window and door business. KÖMMERLING is the industry leader of PVC-U window profiles and roller shutters in Europa. In its position as an all-round supplier, KÖMMERLING stands out in particular through its comprehensive range of products concerning verything to do with windows. KÖMMERLING places a strong emphasis on system thinking. Quality from KÖMMERLING means not only the homogeneous range of products but also supporting the way from research and development to production and then from professional application on to ecologically correct recycling.



WHAT DO YOU GET FROM YOUR WINDOW?

Benefits of KÖMMERLING premium window system.

More design
Streamlined and linear profiles in a wide range of colours with plain coloured, metallic, wood texture or aluminium facing shells.

More heat insulation
KÖMMERLING 88 makes the passive house window its standard. Versions with even better insulation properties are also available, e.g. with proEnergyTec.

More soundproofing
Excellent noise protection with high quality functional glass panes.

More stability
Optimally dimensioned steel reinforcements provide perfect window statics. With AluClip Pro the aluminium facing shell performs the function of steel reinforcements.

More security
Perfect for incorporation of security fittings and anti-burglary features.

More value
Durable quality and eco-friendly PVCs sustainably enhance your property's value.

More ease of maintenance
High-quality surfaces that are incredibly easy to clean.

More tightness
3 seal levels and the innovative rebate gaskets keep draughts, dust and rain out, and deliver optimum heat insulation.

More ventilation
KÖMMERLING has an optimised ventilation programme to ensure the perfect indoor climate.



More ease of operation
Designed to incorporate the very latest fittings technology for easy opening and closing. Concealed fittings are also possible to meet the highest requirements of aesthetics.



- **More comfort through new thermally insulated windows.**
- **More security due to higher burglary protection.**
- **A professionally renovated property increases in value.**

58mm Tilt & Turn Window and Door System



System Energy

It is an inward opening system. The best benefits are energy saving and sound insulation. The design of 3 chambers enhances the thermal and sound insulation of the profile. It accords with the German RAL standard, the visible sidewall thickness 3mm, and has high strength of welding corner and resistance of impact. The design of sloped rebate of inside chamber makes the drainage smoother. The lock is fixed on the reinforcement by screw directly, which raises the safety of the windows against the theft. It can deploy single or insulting glass with direct thickness from 4mm to 32mm.

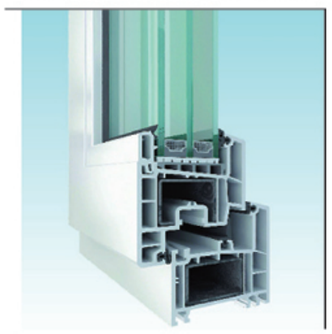
58mm Casement Window System



GOLD ASEA

The same window frame can be used for fix, inward opening, outward opening windows which makes the assembly much easier. The slop design on the surface presents the profile much slimmer, which enriches the aesthetic vision effect of the architecture. The scientific design realizes the application and convenient exchange with different hardware. The coextruded glazing bead joints with glass close and is able to change the glass with different thickness. The unique design of Z-style transom can realize the ideal joint no matter welding or mechanism coupling.

70mm Tilt & Turn Window & Door System



EUROWING

The system integrates the design essence of KÖMMERLING Germany MD system. The installation depth of 70mm and four chambers in the main profiles, which can adapt to insulating glass of maximum 42mm, improve thermal insulation properties of the system in severe winter. The unique MD soft sealing gasket combines with the optional lateral frame gaskets and forms 3 layers of seal, completely improving waterproof and hermetic properties in structure. And the classical slope glazing rebate makes drainage easier. It not only ameliorates lighting performance by reducing the height of the frame, but also simplifies the fixed frame glass assembly process maximally. The hardware are completely protected indoors and in dry area, thus improving safely performance and extending service life of hardware as well. Big globoid surface and inversed angles of internal and external contour design demonstrate elegant and aesthetic style.

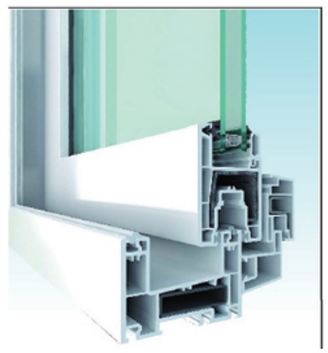
62mm Lift-Sliding Door System



Lift-Sliding Door System

The sliding door system with excellent performances. The installation depth of 174mm for frames and the door sash of 62mm that can match with 37mm glass, enhance the dynamic and static stability and wind resistance of the system. With appropriate hardware, the system can come in enormous door sashes. It makes drainage easier for the window to use two-chamber structure, independent drainage front chamber and the classical drainage guiding slope glazing rebate. With the unique hardware principle, it realizes the function of lift and sliding open and falling close. The system is designed with the concept of sealing and reinforced by waterproof dam between inward and outward sashes, which improves the waterproof, hermetic and acoustic properties. It is a system in line with the concept of energy saving. The optional double-locked close system can realize ventilation in a state of closure. Compared with the traditional lift and sliding system, multi-point locking function also enhances the safety performancegreatly.

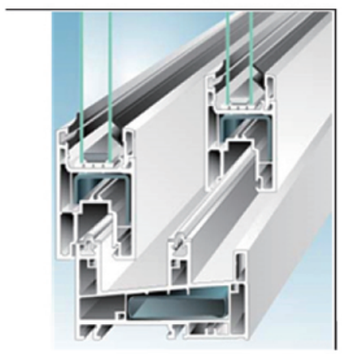
78mm Sliding Door System



System SF2

This system has quite high-strength frame profile and reinforcement, welded frame corner, and strong and durable aluminum sliding track. It can be applied with the single and insulating double glass in different thickness. It can be processed for big ground window and big sized sliding door, which appearance is desirable, succinct and transparent. Its wind resistance and strength guarantee this system can be processed with the biggest size in PVC-U windows market.

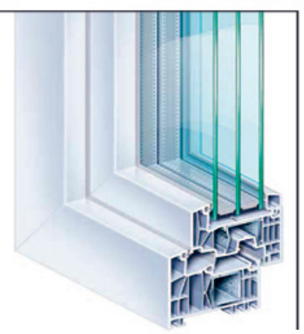
80/88mm Sliding Window System



System ORTA

This system not only has the coextruded sealant gasket, but also keeps the safety groove of sealant gasket. It can use the single or insulating double glass with different thickness. The wind resistance is guaranteed by the maximum reinforcement chamber design. The frame profile also can be used as transom, which is more economic and practical. There are sliding indoor screen sash on frame track and sliding outdoor sash on the single track. It has the designs of 2 tracks and 3 tracks.

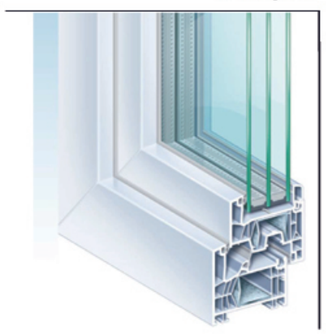
88 Premium System



88 Premium Window System

KÖMMERLING 88 is the premium window in a new era of window technology. It boasts an innovative, highly insulating 7-chamber central gasket system with maximally dimensioned steel reinforcements. Even the standard version of the new generation of profiles satisfies passive house requirements of heat insulation when fitted with 48 mm thick triple glazing. The system also has a groundbreaking design that is available in a wide range of colours and can be equipped with concealed fittings. This smart window system can incorporate triple glazing made of modern functional glass in thicknesses of up to 56 mm. KÖMMERLING 88 makes it possible to have large window surfaces to maximise solar energy gains, and it provides excellent soundproofing and intruder protection.

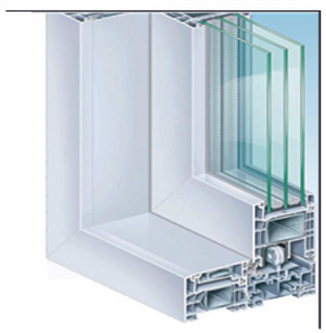
76 MD System



76 MD System

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 - 50 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.

76 PremiSlide System

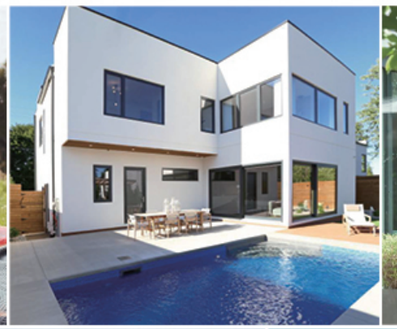


PremiSlide 76

KÖMMERLING PremiSlide 76 can be manufactured both with a PVC-U frame and in a combined frame variant. This sliding system with 76 mm construction depth is ideally suited for living spaces as well as for public buildings such as schools and office buildings. Exhibiting a standard U_f value as high as 1.3 W/(m^2K).

KÖMMERLING PremiSlide 76 achieves the best energy saving values in its product class. The special hardware "ECO SLIDE" from the cooperation partner Siegenia perfects the functionality.









SUSTAINABLE IS OUR PATH



Laminated Film Color Sample (FX)


Black Cherry


Golden Oak


Dark Oak


Rustic Oak


Macore


Walnut V


Mahagoni/Mahogany

Metallic Series


Pyrite


Choco Brown


Anthracite Grey 7016


Ash C–35 N


Black Smooth2


Brown 8972


Bronze Platin 1


Ceylon C–34 N


Dark Blue 5030


Flemish Gold C–33 N


Silver D Smooth


Trompet C–32 N


Shadow Black Smooth

・If there is color difference with sample color,please refer to the actual sample color.

Full Body Color available

RAL9001

RAL9016


RAL7016


RAL8022


RAL8017


RAL8008


RAL7047


RAL9005


RAL7035

Opening System

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58 AD Energy System	18-22
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Sliding System

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SF2 Sliding System	51-56
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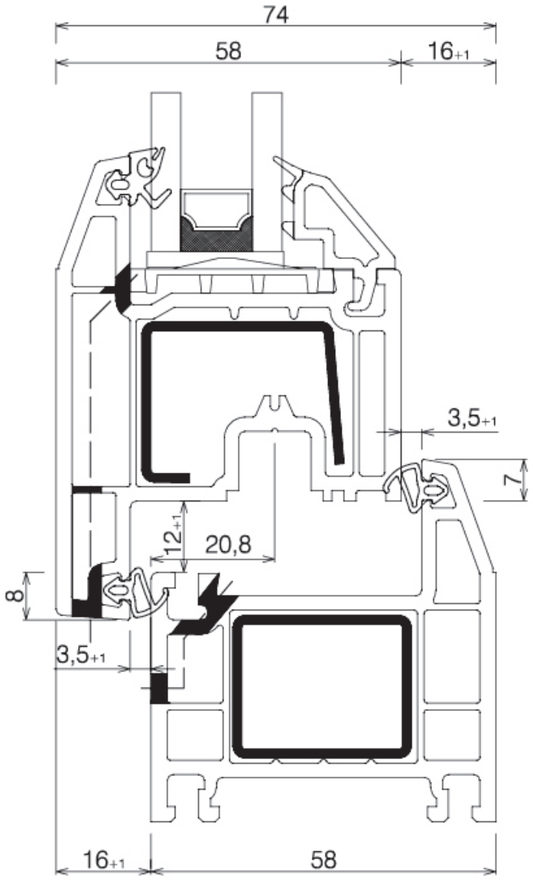
ORTA Sliding System	61-66



58AD Gold Asea

58mm Standard seal system　　system feature



Technical Data

Coefficient of thermal	Uf=1.8 W/(m²K)
Wind load resistance	Class 8
Air permeability	Class 5
Water proof	Class 5
Thermal insulation	Class 7
Sound insulation	Class 3

System highlights

·Both outward and inward casement available

·Unique bevel shape design, slim contour effect

·58 mm construction depth with 3 chambers design, Glazing range from 3-32 mm，U Value can reach 1.8W/(m²K)

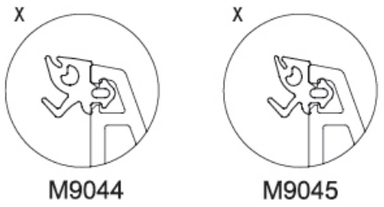
·The thickness of the main window profile can reach 2.7mm，for door it can reach 3.0mm Excellent welding strength

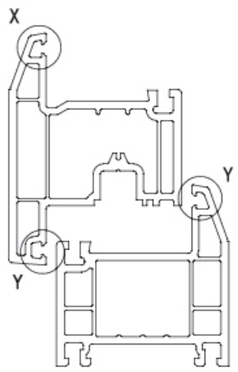
·Unique Z - transom and multi-function profiles can be easily processed even it is a very complex and separated window type

·The scientific structure design provides convenience for the installation, use and exchange of various hardware, and ensures that the both inward and outward open functions have independent drainage chambers

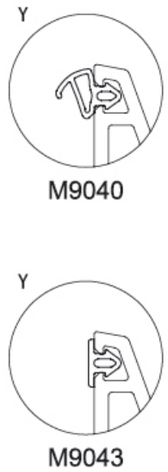
Sealing system

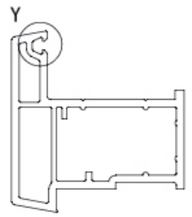
EPDM sealing gasket for glazing





EPDM sealing gasket

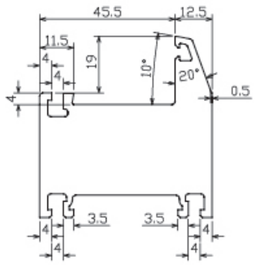


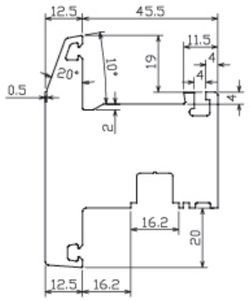


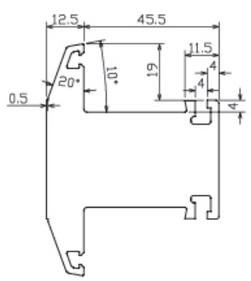




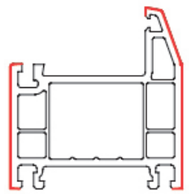
System mechanical processing dimensions



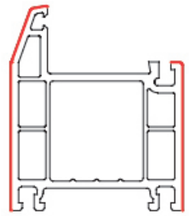




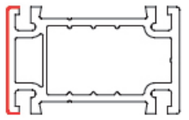
Frame



P1951
Frame 61mm

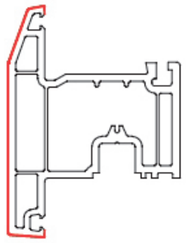


P1963
Frame 69mm

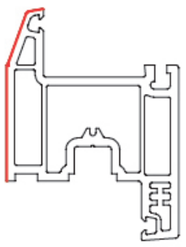


P1974
Multi function profile 36mm

Window sash

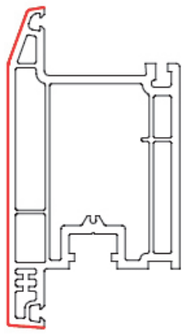


P1956
Outward sash 78mm

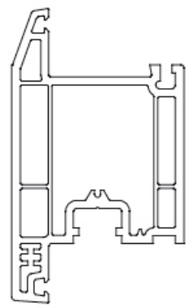


P1463
Inward sash 78mm

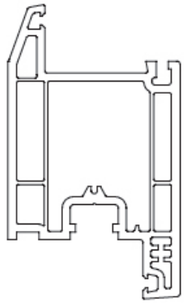
Door sash



P1959
Outward sash 108mm



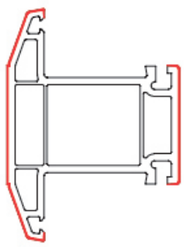
P1942
Outward sash 99mm



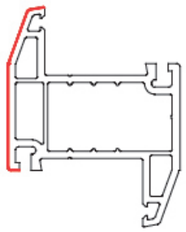
P1943
Inward sash 99mm

※ Red layer represent this layer can be apply ASA co–extrusion technology

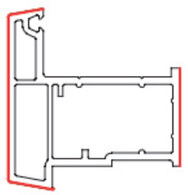
Transom



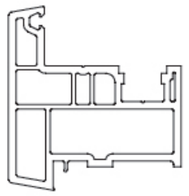
P1952
Transom 78mm



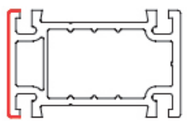
P1966
Z-Transom 74mm



P1173
Floating mullion 61mm



P1172
Floating mullion 62mm

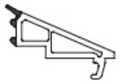


P1974
Multi function profile 36mm

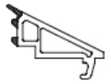
Glazing Bead



P1980
Glazing Bead
11.5mm



P1983
Glazing Bead
35mm



P1984
Glazing Bead
31mm



P1355.2
Glazing Bead
19mm



P1965
Glazing Bead
10.5mm

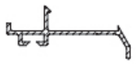


P1986
Glazing Bead
17mm

Alu.profile



L0212C
Alu. Threshold



L0212A
Alu. weather bar

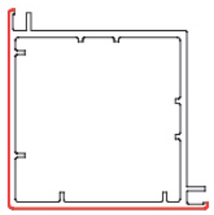


L0211
Alu. sealing for folding door

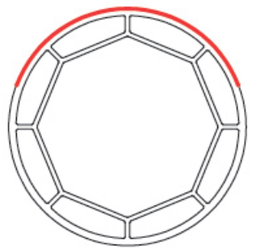
※ Red layer represent this layer can be apply ASA co-extrusion technology

58AD Gold Asea
58mm Standard seal system General wallchart

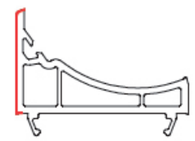
Auxiliary profile



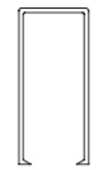
P1674
90° coupling profile



P1996
Universal angle corner coupling



P1973
stand for flexible angle corner coupling



P1338
Reinforce cover



P0481
coupling profile



P0442
coupling profile

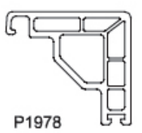


P1677
coupling profile

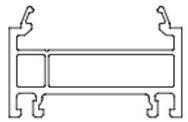


P1248
coupling profile

P0914
Anti dust spring



P1978
Casement screen sash

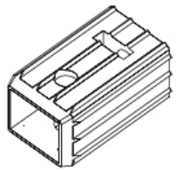


P1988
Add on profile

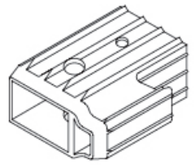


B8124
Board

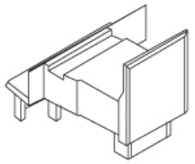
Accessories



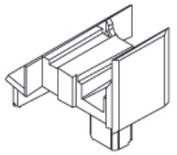
J036 (P1952)
connector



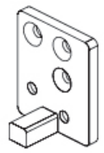
F9284 (P1974、P1966)
connector



F9793 (P1173)
End cap float mullion L/R



F9768 (P1172)
End cap float mullion L/R



F0212E
connector for
Alu. Threshold



M0212B
Gasket for
weather bar



F7448
Fixture

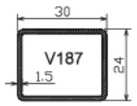


F9496A
Glazing rebate

F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer

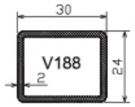
※ Red layer represent this layer can be apply ASA co-extrusion technology

Steel reinforcement



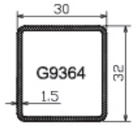
I_x=1.33 cm⁴
I_y=1.89 cm⁴

P1951



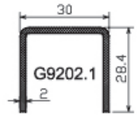
I_x=1.68 cm⁴
I_y=2.4 cm⁴

P1951



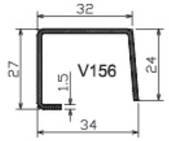
I_x=2.59 cm⁴
I_y=2.35 cm⁴

P1963



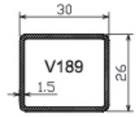
I_x=1.36 cm⁴
I_y=2.45 cm⁴

P1463



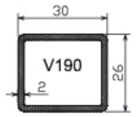
I_x=1.08 cm⁴
I_y=2.26 cm⁴

P1956



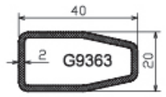
I_x=1.61 cm⁴
I_y=2.01 cm⁴

P1952



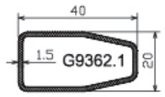
I_x=2.04 cm⁴
I_y=2.56 cm⁴

P1952



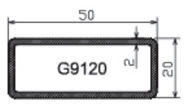
I_x=1.13 cm⁴
I_y=3.69 cm⁴

P1974 P1966



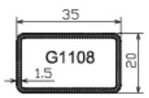
I_x=0.91 cm⁴
I_y=2.89 cm⁴

P1974 P1966



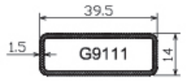
I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338



I_x=1.01 cm⁴
I_y=2.44 cm⁴

P1173



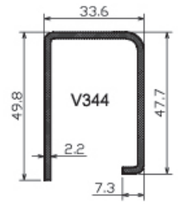
I_x=0.48 cm⁴
I_y=2.56 cm⁴

P1172



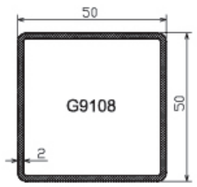
I_x=9.7 cm⁴
I_y=4.62 cm⁴

P1959



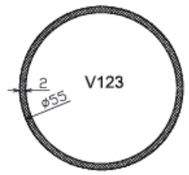
I_x=7.4 cm⁴
I_y=5.71 cm⁴

P1942 P1943



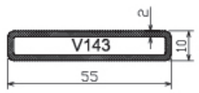
I_x=14.36 cm⁴
I_y=14.36 cm⁴

P1674



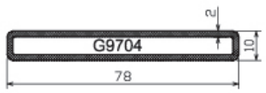
I_x=11.71 cm⁴
I_y=11.71 cm⁴

P1996



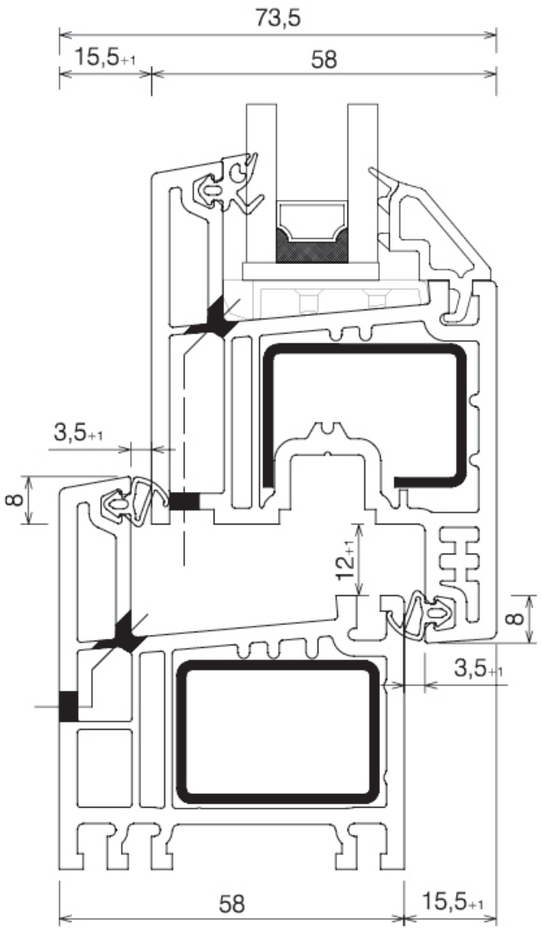
I_x=0.36 cm⁴
I_y=7.0 cm⁴

P0442



I_x=0.51 cm⁴
I_y=18.8 cm⁴

P0481



Technical Data

Coefficient of thermal	Uf=1.7 W/(m²K)
Wind load resistance	Class 8
Air permeability	Class 5
Water proof	Class 5
Thermal insulation	Class 7
Sound insulation	Class 3

System highlights

·58 mm construction depth casement window

·The sight surface thickness of the main profile can reach 3.0 mm comply with Class A, Highly welding coner strength and impact resistance.

·3 Chamber design, U Value reach 1.7 W/(m²K)

·Unique bevel rebate area design so that a more smoothly water drainage.

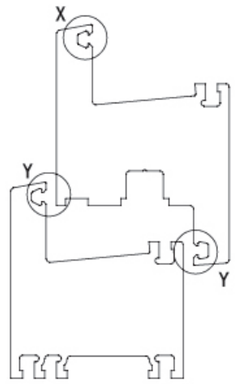
·Striker can be directly connected with steel reinforcement, Improve the security and anti-theft performance of doors and Windows

·Glazing range 4-32 mm

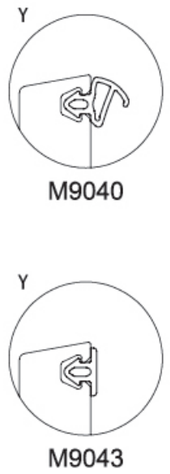
Sealing system

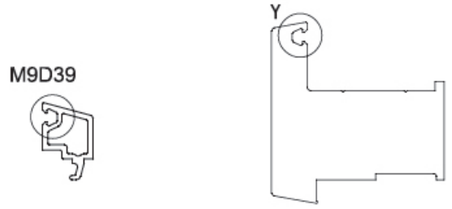
EPDM sealing gasket for glazing



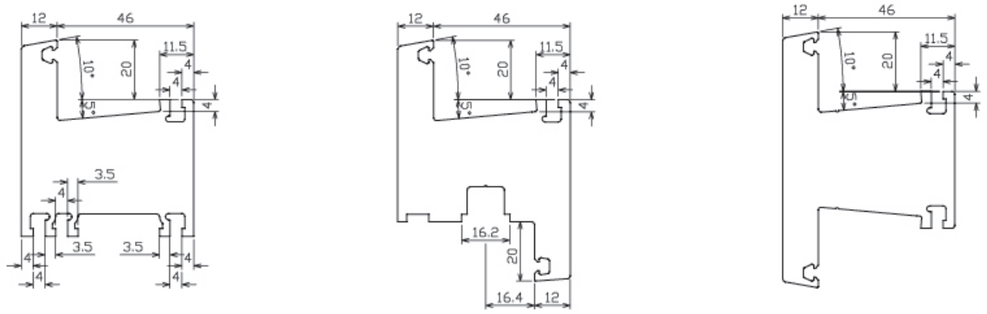


EPDM sealing gasket



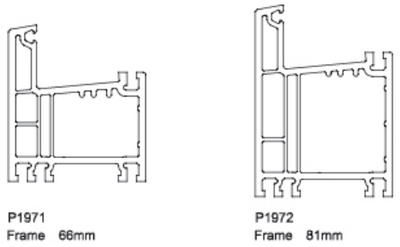


System mechanical processing dimensions



58AD Energy
58mm Standard seal system General wallchart

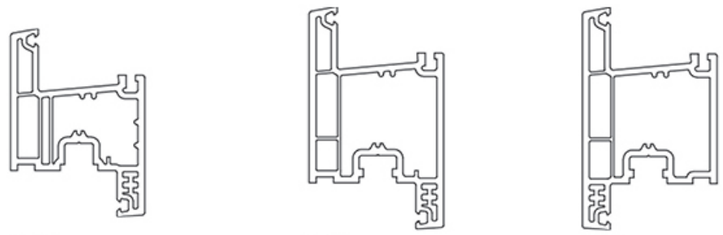
Frame



P1971
Frame 66mm

P1972
Frame 81mm

Sash

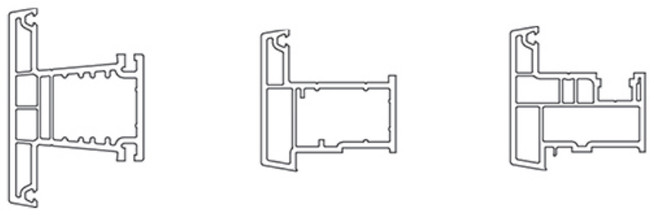


P1961
Inward window sash 81mm

P1964
Inward door sash 96mm

P1968
Outward door sash 96mm

Transom



P1985
Transom 86mm

P1173
Floating mullion 61mm

P1172
Floating mullion 62mm

Glazing Bead



P1983
Glazing Bead
35mm

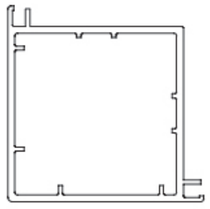
P1984
Glazing Bead
31mm

P1355.2
Glazing Bead
19mm

P1965
Glazing Bead
10.5mm

P1986
Glazing Bead
17mm

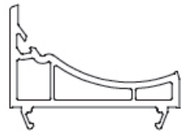
Auxiliary profile



P1674
90° coupling profile



P1996
Universal angle corner coupling



P1973
stand for flexible angle corner coupling



P1338
Reinforce cover



P0481
coupling profile



P0442
coupling profile



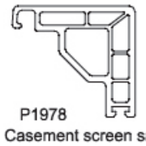
P1677
coupling profile



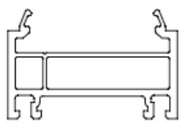
P1248
coupling profile



P0914
Anti dust spring



P1978
Casement screen sash



P1988
Add on profile



B8124
Board

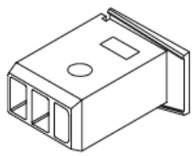


P0767
weather bar

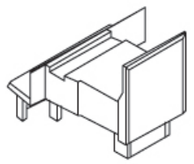


P1669
weather bar

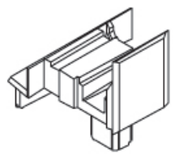
Accessories and Alu.profiles



F9368.d
connector



F9793 (P1173)
End cap float mullion L/R



F9768 (P1172)
End cap float mullion L/R

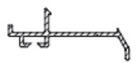


F9645.1
Glazing rebate

F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer



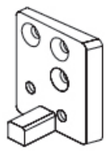
L0212C
Alu. Threshold



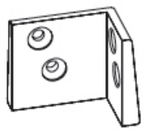
L0212A
Alu. weather bar



L0211
Alu. sealing for folding door



F0212D
connector for Alu. Threshold



F9726.2
connector

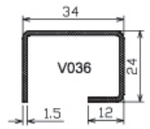


M0212B
Gasket for weather bar



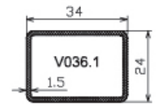
F7448
Fixture

Steel reinforcement



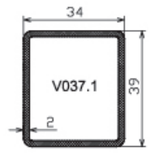
I_x=1.0 cm⁴
I_y=2.35 cm⁴

P1971、P1961、P1985



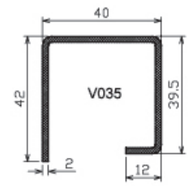
I_x=1.46 cm⁴
I_y=2.52 cm⁴

P1971、P1985



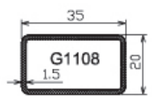
I_x=5.23 cm⁴
I_y=4.23 cm⁴

P1972



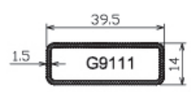
I_x=4.48 cm⁴
I_y=6.06 cm⁴

P1964、P1968



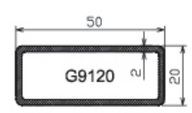
I_x=1.01 cm⁴
I_y=2.44 cm⁴

P1173



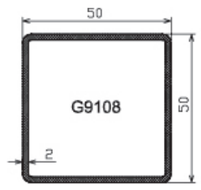
I_x=0.48 cm⁴
I_y=2.56 cm⁴

P1172



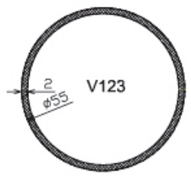
I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338



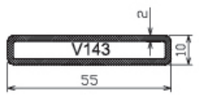
I_x=14.36 cm⁴
I_y=14.36 cm⁴

P1674



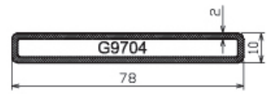
I_x=11.71 cm⁴
I_y=11.71 cm⁴

P1996



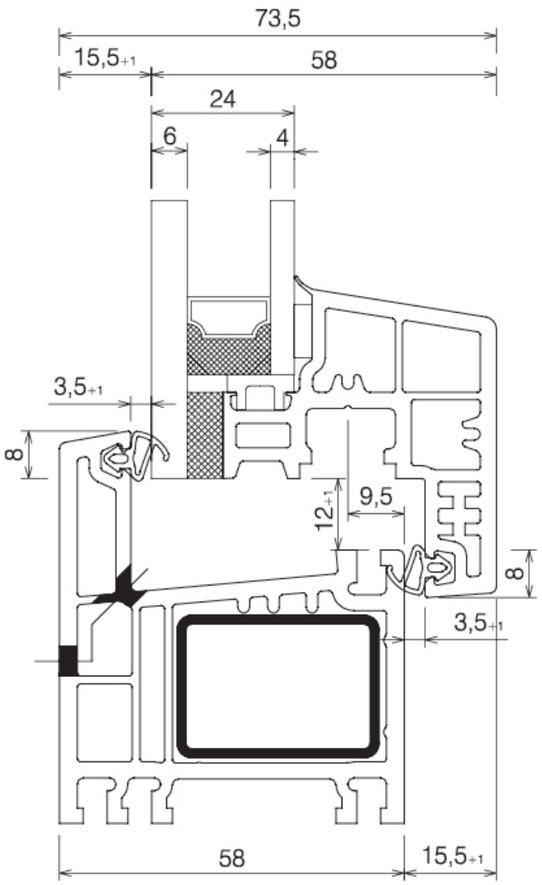
I_x=0.36 cm⁴
I_y=7.0 cm⁴

P0442



I_x=0.51 cm⁴
I_y=18.8 cm⁴

P0481



Technical Data

Coefficient of thermal	Uf=1.8 W/(m²K)
Wind load resistance	Class 8
Air permeability	Class 5
Water proof	Class 5
Thermal insulation	Class 7
Sound insulation	Class 3

System highlights

·58 mm construction depth casement window

·The specific sash profile can be fully compatible with Energy and Gold Asea syetem

·Through chemical bonding between glazing and PVC-U sash, the window sash is completely concealed in the indoor side, improving the lighting permeability and appearance of PVC window

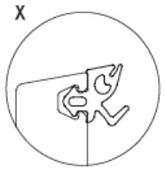
·A direct flexible connection between the GlassWin sash and step glass can be transmitted to the window frame for permanent reinforcement.

Sealing system

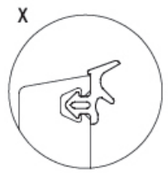
EPDM sealing gasket for glazing



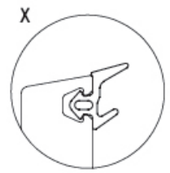
M9044



M9045

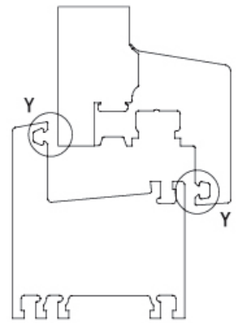


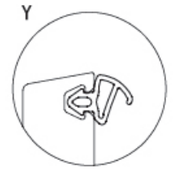
M9073



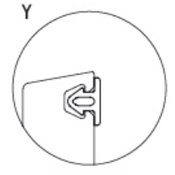
M9D39

EPDM sealing gasket





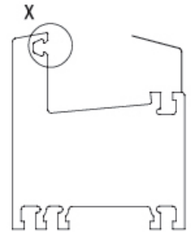
M9040

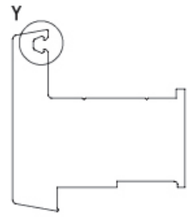


M9043

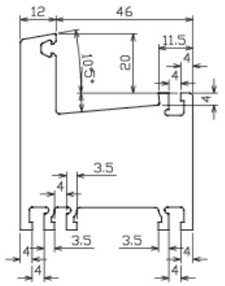


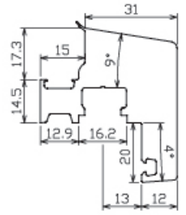
M9D39

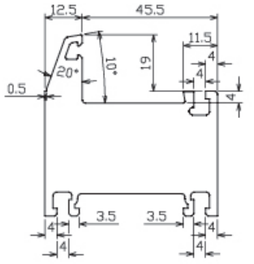




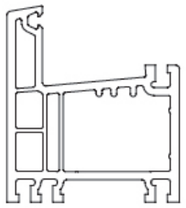
System mechanical processing dimensions



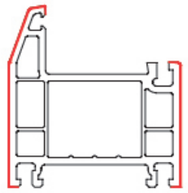




Frame

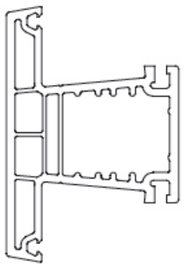


P1971
Frame 66mm

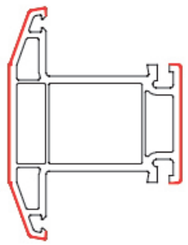


P1951
Frame 61mm

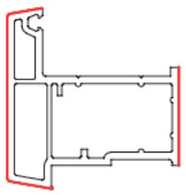
Transom and floating mullion



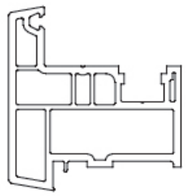
P1985
Transom 86mm



P1952
Transom 78mm

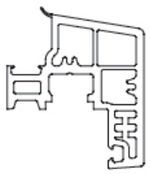


P1173
Floating mullion 61mm

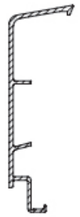


P1172
Floating mullion 62mm

Sash and Alu.Cap



P1958
Sash 51.8mm



L9C71
Alu. Cap (P1971)



L9C23
Alu. Cap (P1985)

Glazing Bead



P1355.2
Glazing Bead
19mm



P1965
Glazing Bead
10.5mm

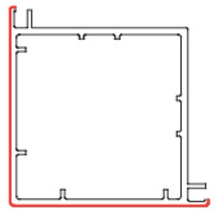


P1986
Glazing Bead
17mm

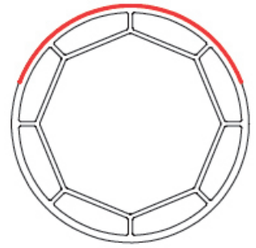
※ Red layer represent this layer can be apply ASA co–extrusion technology

58AD GlassWin
58mm Concealed sash standard seal system General wallchart

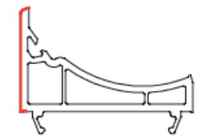
Auxiliary profile



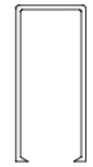
P1674
90° coupling profile



P1996
Universal angle corner coupling



P1973
stand for flexible angle corner coupling



P1338
Reinforce cover



P0481
coupling profile



P0442
coupling profile

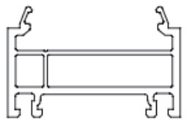


P1677
coupling profile

P1248
coupling profile

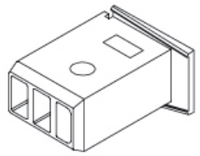


P0914
Anti dust spring

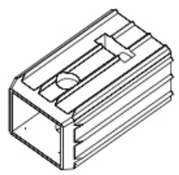


P1988
Add on profile

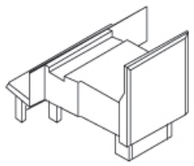
Accessories



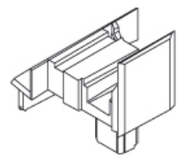
F9368.d (P1985)
connector



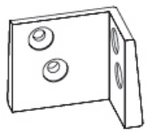
J036 (P1952)
connector



F9793 (P1173)
End cap float mullion L/R



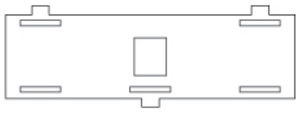
F9768 (P1172)
End cap float mullion L/R



F9726.2(P1985)
connector



F9496A (P1951 P1952)
Glazing rebate

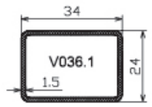


F9645.1 (P1971 P1985)
Glazing rebate

F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer

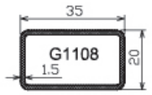
※ Red layer represent this layer can be apply ASA co–extrusion technology

Steel reinforcement



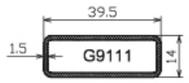
I_x=1.46 cm⁴
I_y=2.52 cm⁴

P1971



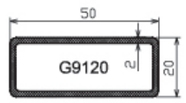
I_x=1.01 cm⁴
I_y=2.44 cm⁴

P1173



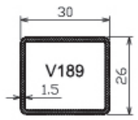
I_x=0.48 cm⁴
I_y=2.56 cm⁴

P1172



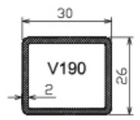
I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338



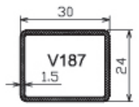
I_x=1.61 cm⁴
I_y=2.01 cm⁴

P1952



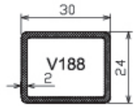
I_x=2.04 cm⁴
I_y=2.56 cm⁴

P1952



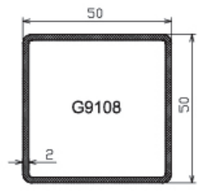
I_x=1.33 cm⁴
I_y=1.89 cm⁴

P1951



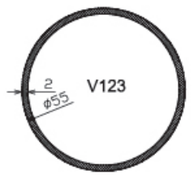
I_x=1.68 cm⁴
I_y=2.4 cm⁴

P1951



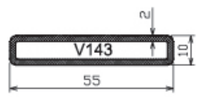
I_x=14.36 cm⁴
I_y=14.36 cm⁴

P1674



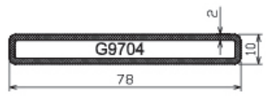
I_x=11.71 cm⁴
I_y=11.71 cm⁴

P1996



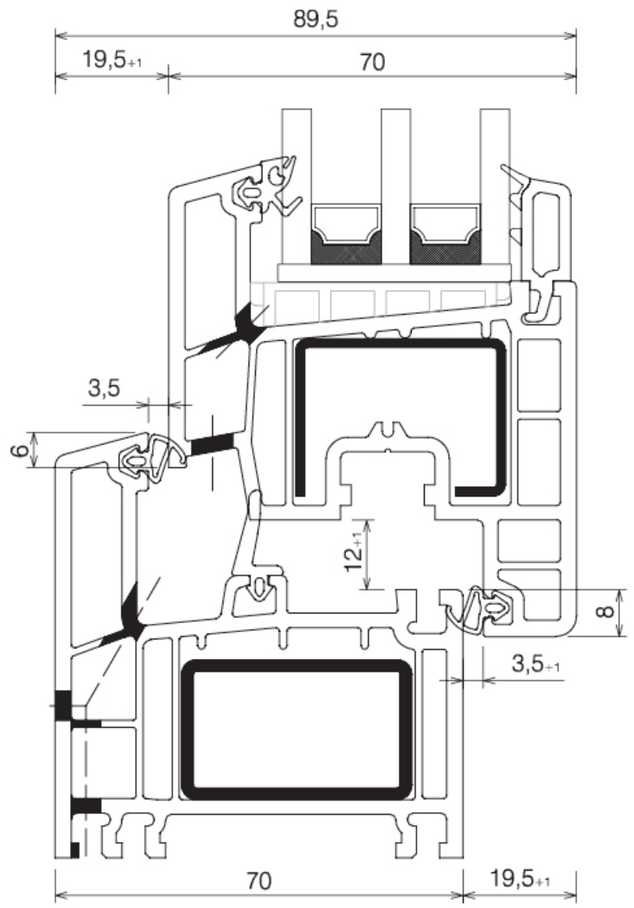
I_x=0.36 cm⁴
I_y=7.0 cm⁴

P0442



I_x=0.51 cm⁴
I_y=18.80 cm⁴

P0481



Technical Data

Coefficient of thermal	Uf=1.4 W/(m²K)
Wind load resistance	Class 8
Air permeability	Class 8
Water proof	Class 6
Thermal insulation	Class 7
Sound insulation	Class 4

System highlights

·Originated from Trocal designing style of profine GmbH

·Middle seal system, 70mm construction depth, the sight surface thickness of the main profile can reach 2.8mm

·Window profile have 4 chambers and door profile have 5 chambers, U value can reach 1.2-1.4W/(m²K)

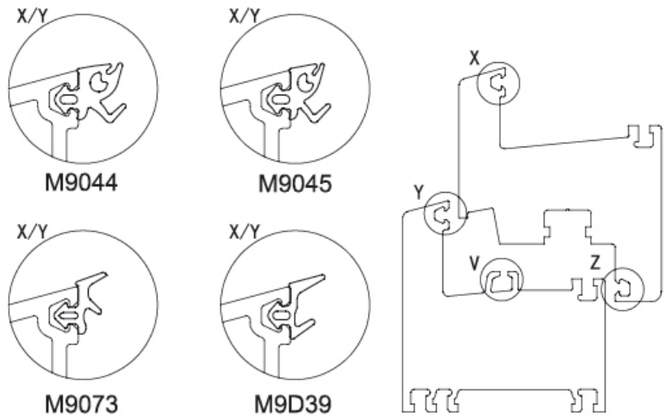
·Can be adapted to max. 40mm insulating glass, cost-effective three-glass system

·Middle seal divide air tight and water tight into two independent chambers, which greatly improves the water tight performance

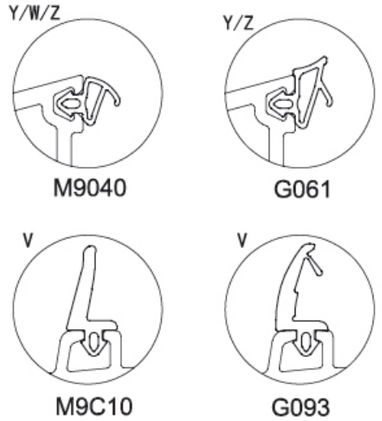
·The middle seal will protect the hardware in the indoor side, effectively prevent the hardware be chemical corrosion by external water or vapor

Sealing system

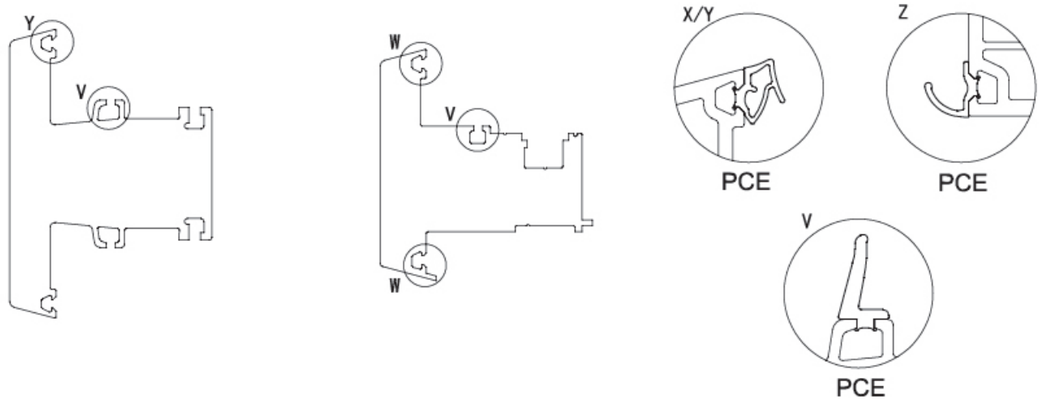
EPDM sealing gasket for glazing



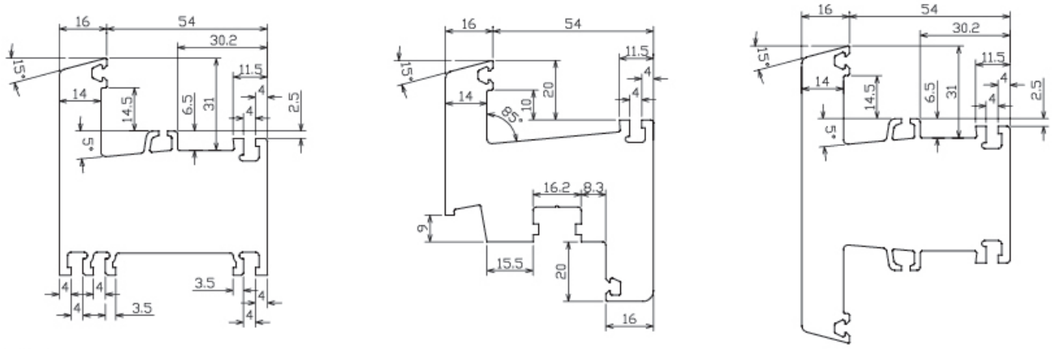
EPDM sealing gasket



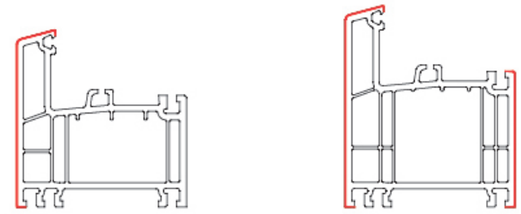
weldable sealing gasket



System mechanical processing dimensions



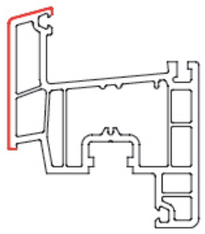
Frame



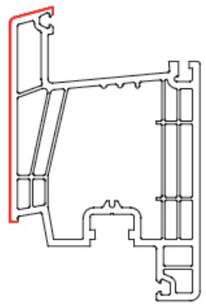
P1989
Frame 73mm

P2001
Frame 83mm

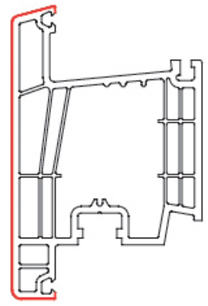
Sash



P1990
Inward opening Sash 81mm

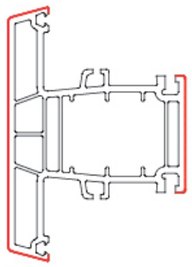


P2002
Inward opening sash (door) 108mm

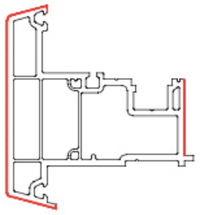


P1949
Outward opening sash (door) 108mm

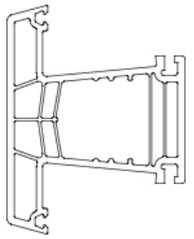
Transom



P1991
Transom for frame 100mm



P2003
Float mullion 80mm



P1950
Transom for sash 90mm

Glazing Bead



P1994
Glazing bead
27.5mm



P1995
Glazing bead
27.5mm



2431
Glazing bead
19.5mm



2647
Glazing bead
19.5mm



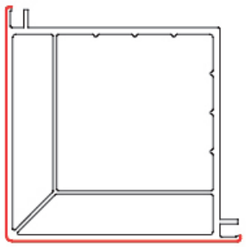
P1965
Glazing bead
10.5mm



P1957
Glazing bead
10.5mm

※ Red layer represent this layer can be apply ASA co–extrusion technology

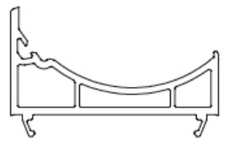
Auxiliary profile



P1981
90°Corner coupling



P1996
Universal angle corner coupling



P1979
stand for flexible angle corner coupling



P1338
Reinforce cover



P0481
coupling profile



P0442
coupling profile



P1677
coupling profile



P1248
coupling profile

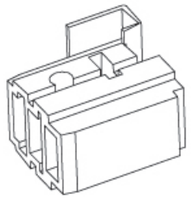


P0914
Anti dust spring

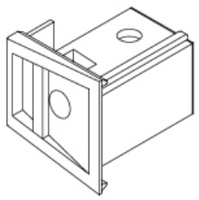


P0767
weather bar

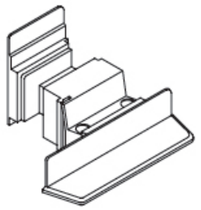
Accessories



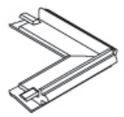
F9F21
connector (frame with transom)



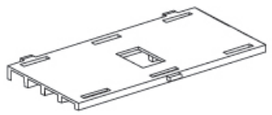
F9D50
connector (sash with transom)



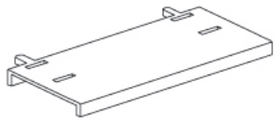
F9D87
End cap float mullion L/R



M9C38
M9C10 gasket connector



F9F22
Glazing rebate



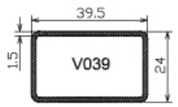
F9F23A
Glazing rebate for frame and transom

F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer

※ Red layer represent this layer can be apply ASA co–extrusion technology

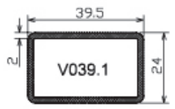
70MD Eurowing
70mm Middle seal system General wallchart

Steel reinforcement



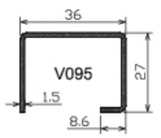
I_x=1.67 cm⁴
I_y=3.65 cm⁴

P1989 P1991



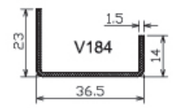
I_x=2.12 cm⁴
I_y=4.68 cm⁴

P1989 P1991



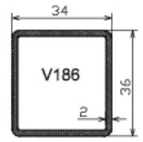
I_x=1.26 cm⁴
I_y=2.96 cm⁴

P1990



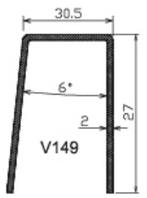
I_x=0.42 cm⁴
I_y=2.07 cm⁴

P2003



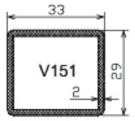
I_x=4.87 cm⁴
I_y=4.45 cm⁴

P2001



I_x=8.07 cm⁴
I_y=5.64 cm⁴

P2002 P1949



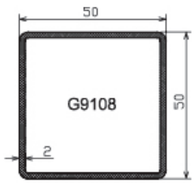
I_x=2.86 cm⁴
I_y=3.52 cm⁴

P1950



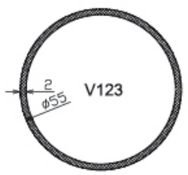
I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338



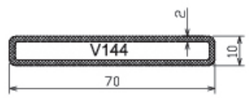
I_x=14.36 cm⁴
I_y=14.36 cm⁴

P1981



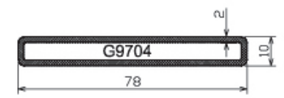
I_x=11.71 cm⁴
I_y=11.71 cm⁴

P1996



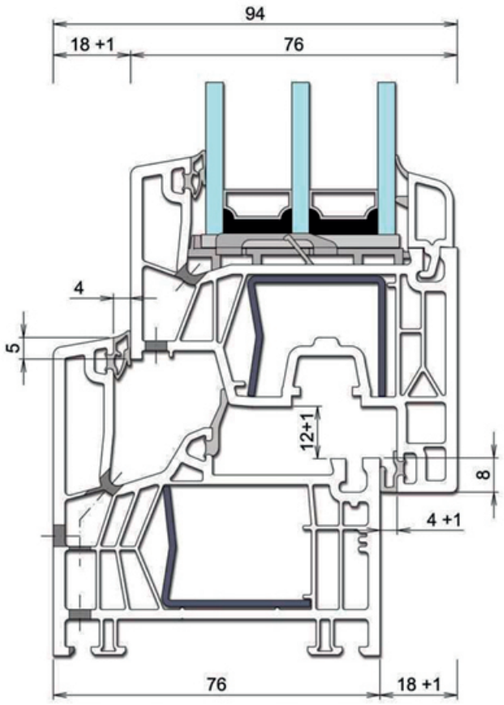
I_x=0.46 cm⁴
I_y=13.82 cm⁴

P0442



I_x=0.51 cm⁴
I_y=18.80 cm⁴

P0481



Technische daten Prufwerte Fenster
technical data test values windows

Wärmedurchgangskoeffizient *heat transfer coefficient*	**bis U_f = 1,0 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *resistance to wind load*	**bis Klasse C5 / B5**
Schlagregendichtheit - Ungeschützt (A) *tightness against driving rain - unprotected (A)*	**bis 9A**
Luftdurchlässigkeit *air permeability*	**bis Klasse 4**
Schallschutz *sound insulation*	**bis 47 dB**
Einbruchhemmung *burglar-resistant*	**bis RC 2**

System Highlights

- 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.
- Einfache und fachgerechte Montage durch umfangreiches Zusatz- und Nebenprofilprogramm.
- Einsatz von Gläsern oder Füllungen von 16 - 50 mm möglich.
- Stützknocken und Aufdickungen in den Schraubkanälen gewährleisten eine einfache und sichere Montage.
- Erhöhte Wärmedämmung durch zusätzliche Flügelfalzdichtung.
- Schmale Ansichtsbreite bei hoher Wärmedämmung.

system highlights

- *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 - 50 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.*

Dichtungssystem
seals system

Verschweißbare Dichtungen ***weldable seals***

TPE-Dichtungen / ***TPE-seals***
schweißbare Reparaturdichtungen
weldable repair gaskets

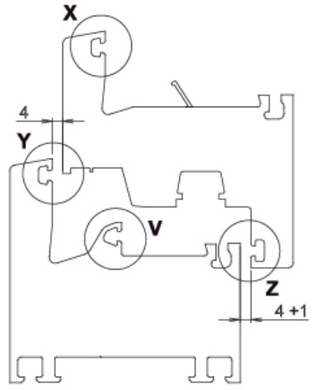
EPDM Dichtungen / ***EPDM seals***
(schwarz, lichtgrau RAL 7035)
(black, light grey RAL 7035)



PCE



G049.T
(PVC)





G048
(EPDM)



G047
(EPDM)



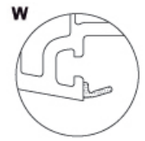
PCE



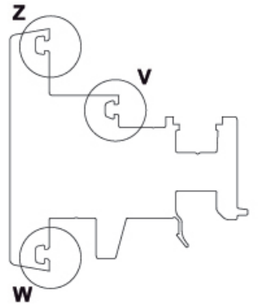
G050.T
(PVC)



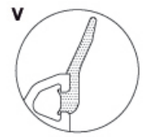
G046
(EPDM)



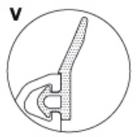
Mitteldichtungen
centre seals



Mitteldichtung
centre seal



PCE

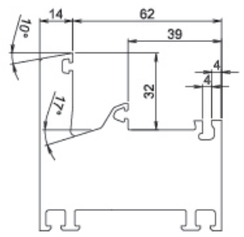


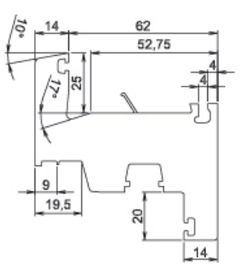
G051.T
(PVC)

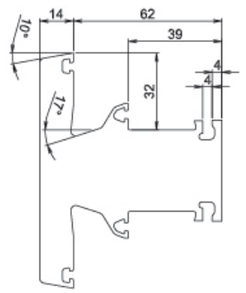


G051
(EPDM)

SystemmaBe fur Bearbeitungsmaschinen
system dimensions for processing machines







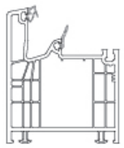
Rahmenprofile
frame profiles



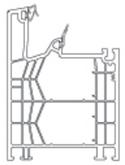
76171
Blendrahmen 74 mm
outer frame



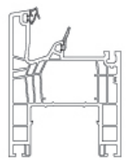
76182
Blendrahmen 74 mm
outer frame



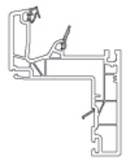
76172
Blendrahmen 92 mm
outer frame



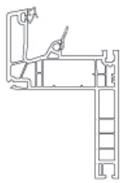
76173
Blendrahmen 104 mm
outer frame



76183
Blendrahmen 100 mm
outer frame

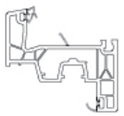


76184
Blendrahmen 100 mm
outer frame

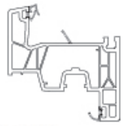


76174
Blendrahmen 115 mm
outer frame

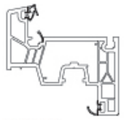
Flugelprofile
sash profiles



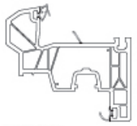
76270
Flügel 70 mm
sash



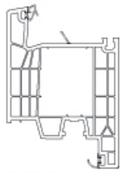
76271
Flügel 78 mm
sash



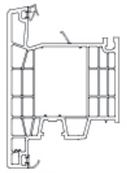
76284
Flügel 74 mm
sash



76273
Flügel 78 mm
sash



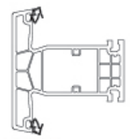
76272
Flügel 110 mm
sash



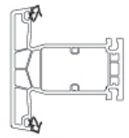
76283
Flügel 110 mm
sash

System 76MD
Mitteldichtungssystem 76mm
centre seal system 76 mm
Profilubersicht
profile overview

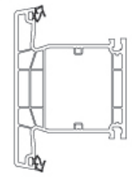
Flugelsprossen
sash rails



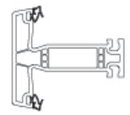
76301
Flügelsprosse 84 mm
sash rails



76302
Flügelsprosse 84 mm
sash rails

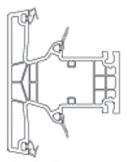


76303
Flügelsprosse 110 mm
sash rails

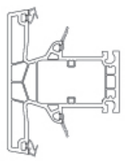


76300
Flügelsprosse 68 mm
sash rails

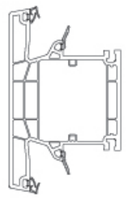
Pfosten/Kampfer
mullion/transom



76371
Pfosten 98 mm
mullion/transom

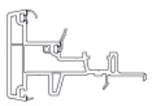


76372
Pfosten 98 mm
mullion/transom

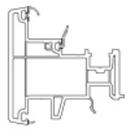


76373
Pfosten 124 mm
mullion/transom

Stulpprofile
floating mullion profiles



76471
Stulpprofil 62 mm
floating mullion profile



76472
Stulpprofil 80 mm
floating mullion profile

Glazing Bead



76505
Glazing bead
18mm



76575
Glazing bead
18mm



P1965
Glazing bead
10.5mm

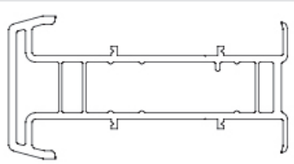


P1957
Glazing bead
10.5mm

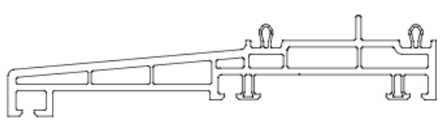
Auxiliary profile



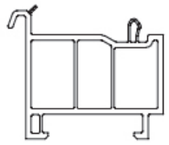
76604
coupling profile



76605
coupling profile



76758
window sill



76753
bank connection



P0914
Anti dust spring

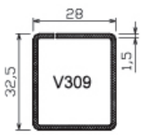


76606
coupling profile



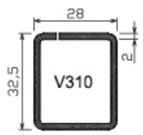
P1338
Reinforce cover

Steel reinforcement



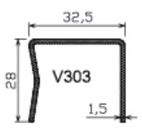
I_x=2.54 cm⁴
I_y=2.04 cm⁴

76171



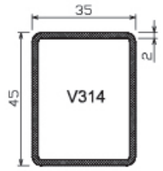
I_x=3.16 cm⁴
I_y=2.53 cm⁴

76171



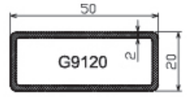
I_x=1.04 cm⁴
I_y=2.19 cm⁴

76171 76271



I_x=8.44 cm⁴
I_y=5.7 cm⁴

76172 76272 76283



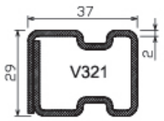
I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338



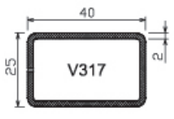
I_x=2.4 cm⁴
I_y=3.5cm⁴

76371



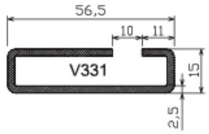
I_x=3.1 cm⁴
I_y=5.5cm⁴

76371



I_x=2.33 cm⁴
I_y=4.83cm⁴

76472

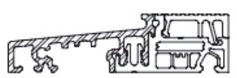


I_x=1.0 cm⁴
I_y=10 cm⁴

76605

System 76MD
centre seal system 76mm General wallchart

Accessories and Alu.profiles



A076
Alu. Threshold



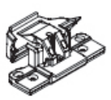
A062
Alu. weather bar



G060
Gasket for
weather bar



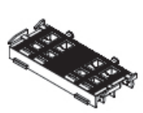
J055
connector (T)



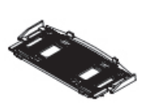
J056
connector (X)



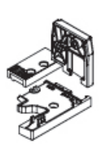
M163
end cap
weather bar



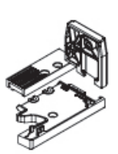
M138
Glazing rebate
(Frame Transom)



M137
Glazing rebate
(Sash)



M154
connector for
threshold-set (76171)



M155
connector for
threshold-set (76172)



M289D/L
End cap float
mullion (Alu.)



M288D/L
End cap float
mullion



M170
insert block
(76171)



M171
insert block
(76172)



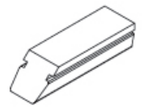
M179
wind-stop
（Floating mullion）



M175
wind-stop
（Frame）



M261
wind-stop
（Sash）



M165
cover euronut

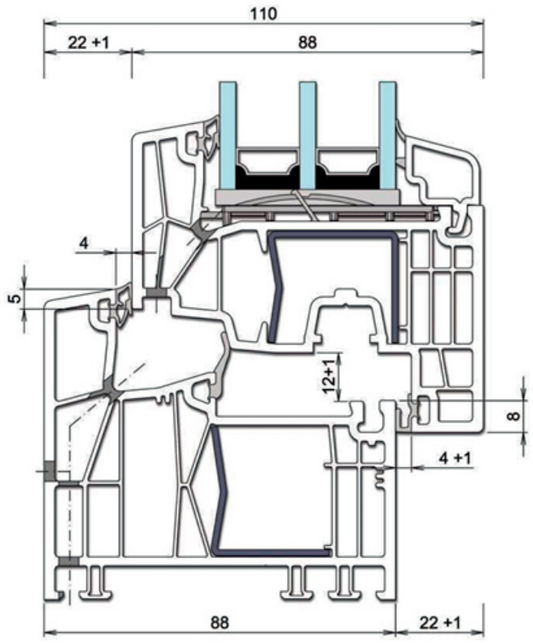
F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer



G049.T
sealing gasket

G050.T
sealing gasket

G051.T
centre seal



Technische daten Prufwerte Fenster
technical data test values windows

Wärmedurchgangskoeffizient *heat transfer coefficient*	**bis U_f = 0,93 W/(m²K)**
Widerstandsfähigkeit gegen Windlast *resistance to wind load*	**bis Klasse C5 / B5**
Schlagregendichtheit - Ungeschützt (A) *tightness against driving rain - unprotected (A)*	**bis 9A**
Luftdurchlässigkeit *air permeability*	**bis Klasse 4**
Schallschutz *sound insulation*	**bis 47 dB**
Einbruchhemmung *burglar-resistant*	**bis RC 3 (WK 3)**

System Highlights

- Mitteldichtungssystem mit 88 mm Bautiefe in modernem Design.
- Passivhaustauglichkeit bereits in der Standardausführung.
- 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.
- Einfache und fachgerechte Montage durch umfangreiches Zusatz und Nebenprofilprogramm.
- Einsatz von Gläsern oder Füllungen von 24 - 58 mm möglich.
- Stützknocken und Aufdickungen in den Schraubkanälen gewährleisten eine einfache und sichere Montage.
- Erhöhte Wärmedämmung durch zusätzliche Flügelfalzdichtung.
- Schmale Ansichtsbreite bei hoher Wärmedämmung.

system highlights

- *Centre seal system with 88 mm installation depth, in a modern design.*
- *Passive house suitability already in the standard version.*
- *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.*
- *24 - 58 mm panes and panelling 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.*

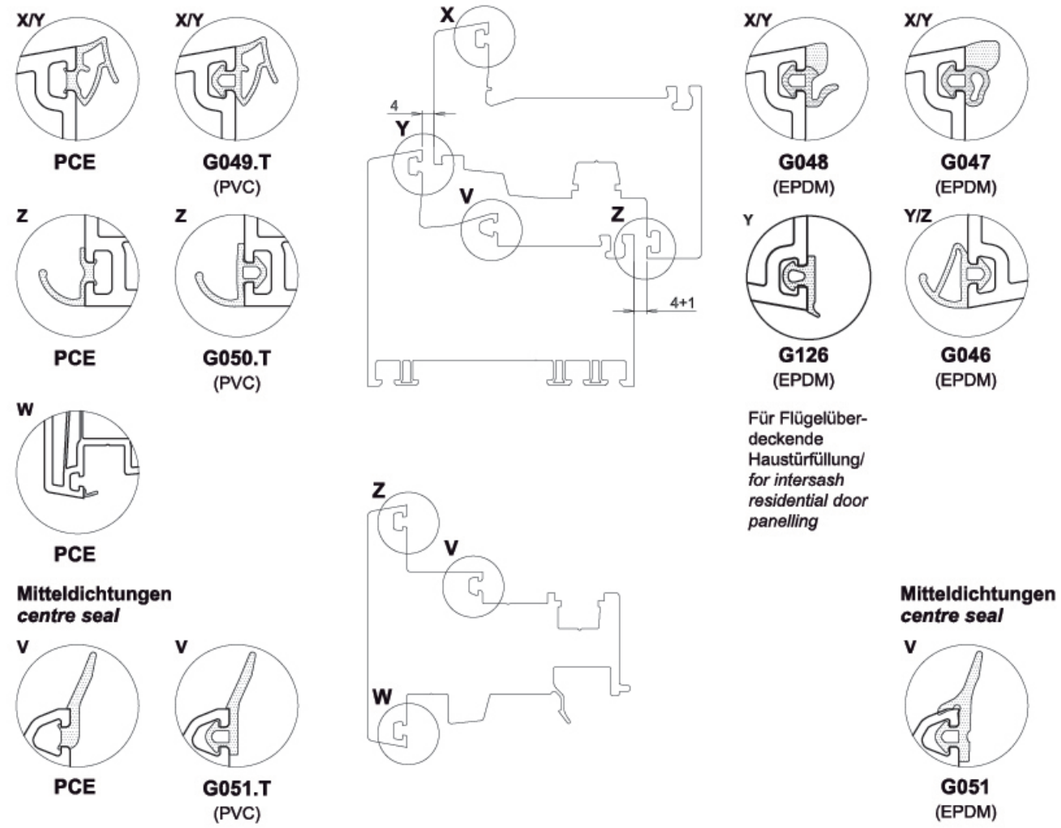
System 88MD
Mitteldichtungssystem 88mm
centre seal system 88mm
Systemmerkmale
system features

Dichtungssystem
seals system

Verschweißbare Dichtungen ***weldable Seals***

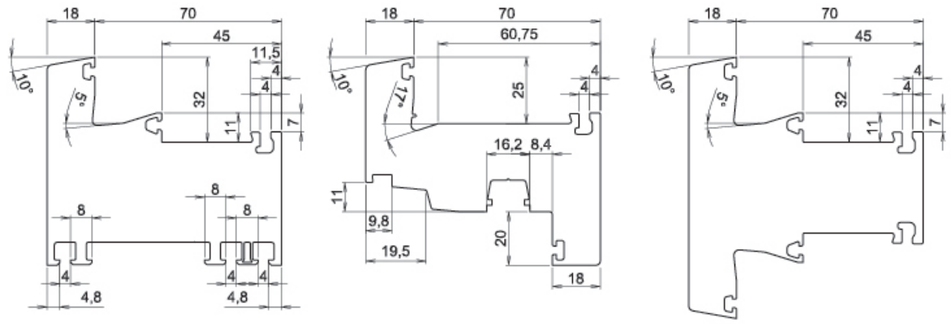
TPE-Dichtungen / ***TPE-Seals***
schweißbare Reparaturdichtungen
weldable repair gaskets

EPDM Dichtungen / ***EPDM Seals***
(schwarz, lichtgrau RAL 7035)
(black, light grey RAL 7035)

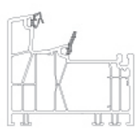


Für Flügelüberdeckende Haustürfüllung/
for intersash residential door panelling

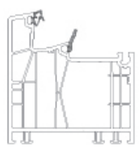
SystemmaBe fur Bearbeitungsmaschinen
system dimensions for processing machines



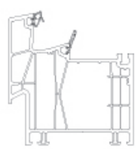
Rahmenprofile
frame profiles



88171
Blendrahmen 78 mm
outer frame



88172
Blendrahmen 92 mm
outer frame

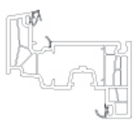


88174
Blendrahmen 92 mm
outer frame

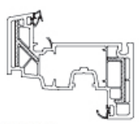


88173
Blendrahmen 104 mm
outer frame

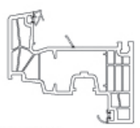
Flugelprofile
sash profiles



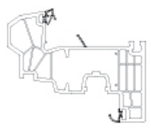
88270
Flügel 74 mm
sash



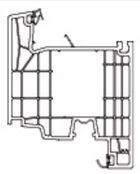
88278
Flügel 74 mm
sash



88271
Flügel 78 mm
sash

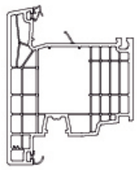


88272
Flügel 78 mm
sash

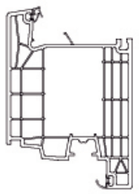


88274
Flügel 110 mm
sash

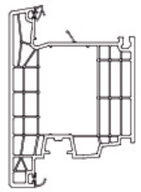
Flugelprofile
sash profiles



88275
Flügel 110 mm
sash

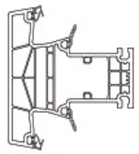


88276
Flügel 126 mm
sash

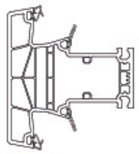


88277
Flügel 126 mm
sash

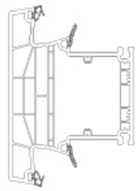
Pfosten/Kampfer
mullion/transom



88371
Pfosten 98 mm
mullion/transom

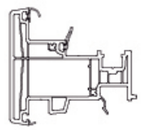


88372
Pfosten 98 mm
mullion/transom



88373
Pfosten 124 mm
mullion/transom

Stulpprofile
floating mullion profiles



88472
Stulpprofil 80 mm
floating mullion profile

Glazing Bead



2431
Glazing bead
19.5mm



2647
Glazing bead
19.5mm



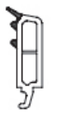
76505
Glazing bead
18mm



76575
Glazing bead
18mm

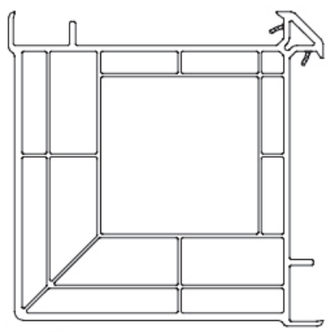


P1965
Glazing bead
10.5mm

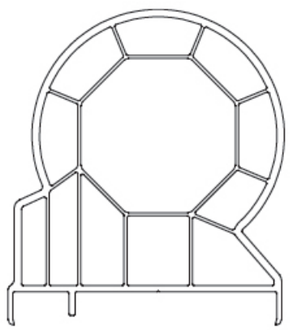


P1957
Glazing bead
10.5mm

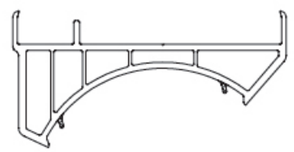
Auxiliary profile



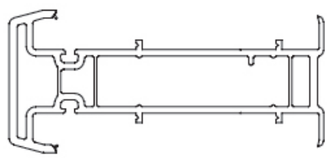
8355
90°Corner coupling



8340
Universal angle corner coupling



8341
stand for flexible angle corner coupling



88605
coupling profile



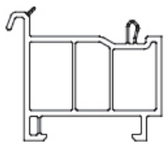
8350
coupling profile



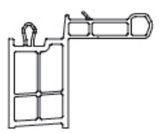
76606
coupling profile



P1338
Reinforce cover



76753
bank connection



76751
bank connection



P0914
Anti dust spring

Accessories and Alu.profiles



A342
Alu. Threshold



A335
Alu. weather bar



G060
Gasket for weather bar



J160
connector (T)



J094
connector (X)



M372
Glazing rebate for frame and transom



M371
Glazing rebate



M502
connector for threshold-set (88171)



M503
connector for threshold-set (88172)



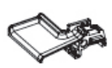
M370D/L
End cap float mullion (Alu.)



M369D/L
End cap float mullion



M473
end cap weather bar



M480
end cap weather bar （Floating mullion）



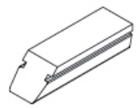
M179
wind-stop （Floating mullion）



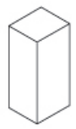
M175
wind-stop （Frame）



M261
wind-stop （Sash）



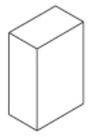
M165
cover euronut



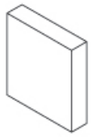
M170
insert block (88171)



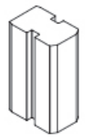
M475
insert block (88171)



M478
insert block (88172)



M476
insert block (88172)



M160
insert block (88372)

F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer



I050
insulating block(88171)



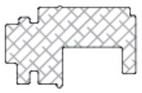
I012
insulating block(88171)



I051
insulating block(88172)



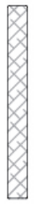
I054
insulating block(88271)



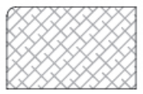
I060
insulating block(88270)



I055
insulating block(88372)



I058
insulating block(88373)



I057
insulating block(76751)



G049.T
sealing gasket



G050.T
sealing gasket



G051.T
centre seal

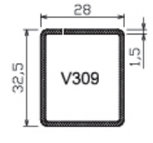
System 88MD
88mm Middle seal system General wallchart

Steel reinforcement



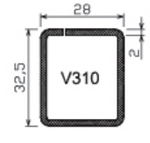
I_x=0.96 cm⁴
I_y=0.7 cm⁴

88171



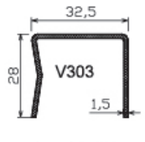
I_x=2.54 cm⁴
I_y=2.04 cm⁴

88171



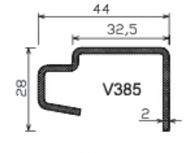
I_x=3.16 cm⁴
I_y=2.53 cm⁴

88171



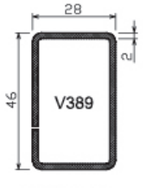
I_x=1.04 cm⁴
I_y=2.19 cm⁴

88271 88171



I_x=1.3 cm⁴
I_y=5.2 cm⁴

88270



I_x=7.53 cm⁴
I_y=3.42 cm⁴

88172

I_x=3.45 cm⁴
I_y=7.01cm⁴

88372

I_x=2.33 cm⁴
I_y=4.83cm⁴

88472

I_x=8.44 cm⁴
I_y=5.7 cm⁴

88275 88274

I_x=22.83 cm⁴
I_y=12.07 cm⁴

88276 88277

I_x=12.95 cm⁴
I_y=9.17 cm⁴

88373

I_x=1.0 cm⁴
I_y=10 cm⁴

88605

I_x=14.36 cm⁴
I_y=14.36 cm⁴

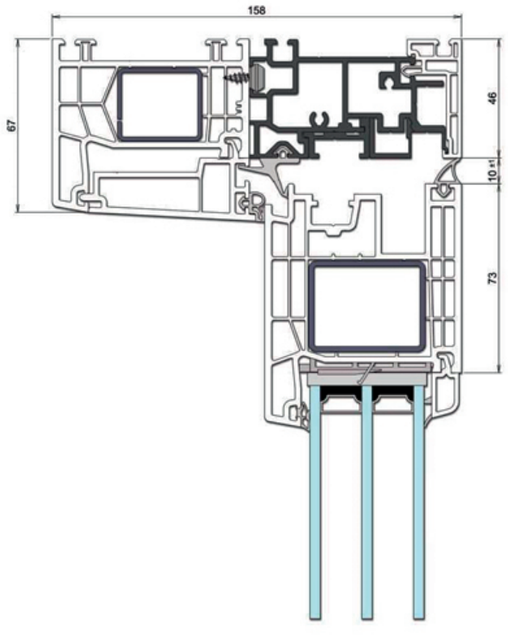
8355

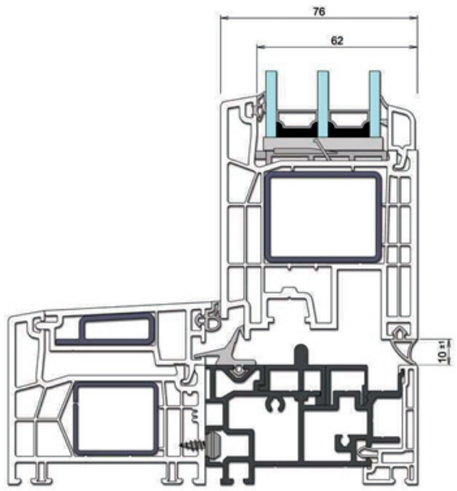
I_x=11.71 cm⁴
I_y=11.71 cm⁴

8340

I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338





Technische daten Prufwerte
technical data test values

Wärmedurchgangskoeffizient standard *heat transfer coefficient standart*	**bis U_f = 1,4 W/(m²k)**
Widerstandsfähigkeit gegen Windlast *resistance to wind load*	**bis Klasse C4/B5**
Schlagregendichtheit - Ungeschützt (A) *tightness against driving rain - unprotected (A)*	**bis 9A**
Luftdurchlässigkeit *air permeability*	**bis Klasse 4**
Schallschutz *sound insulation*	**in Prüfung!** ***under examination***
Einbruchhemmung *burglar-resistant*	**in Prüfung!** ***under examination***

System Highlights

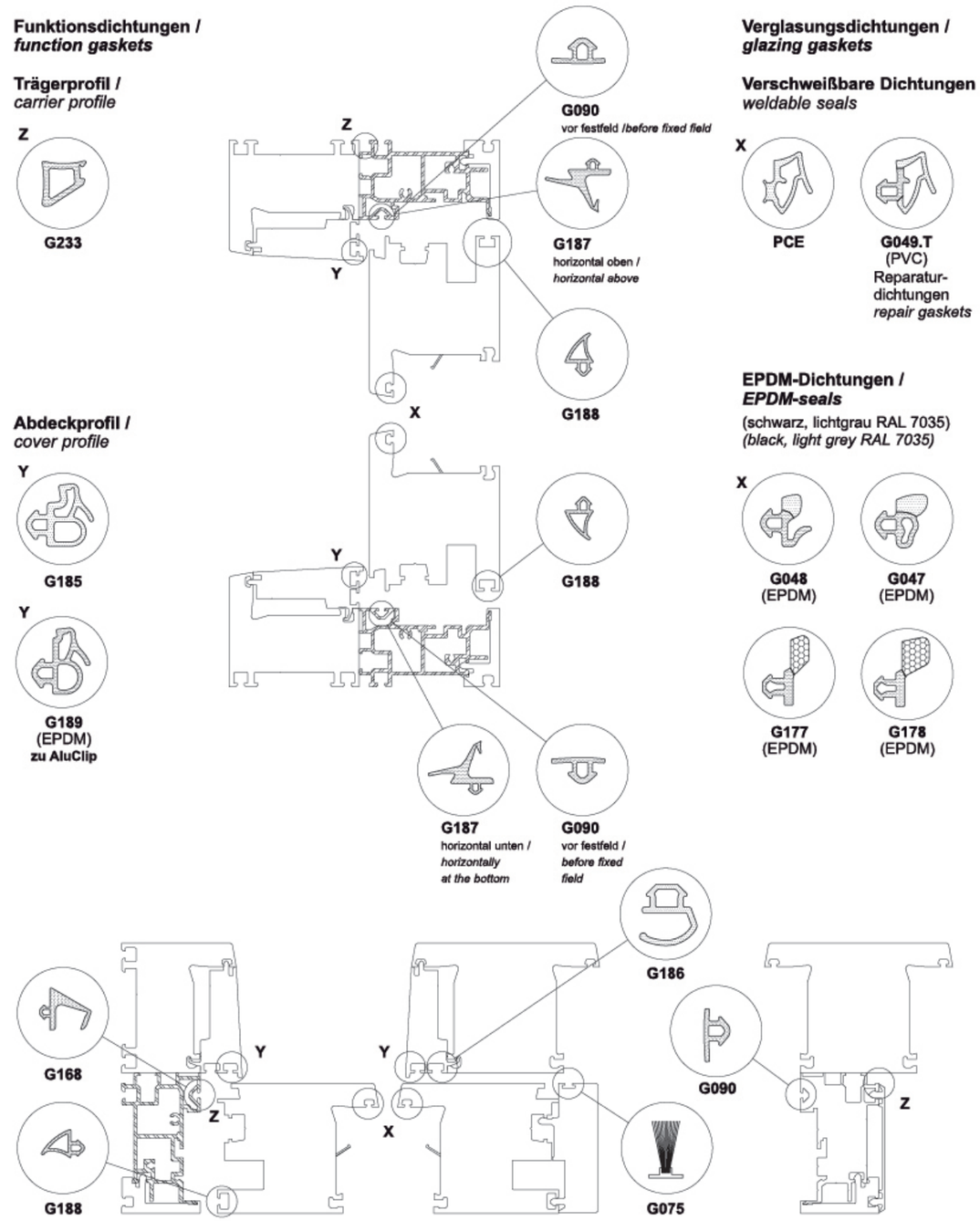
- Schiebesystem mit 76 mm Bautiefe.
- Innovatives, einfaches Schiebetürsystem auf Basis des System 76 Anschlagdichtung.
- Schließt umlaufend mit komprimierten Dichtungen ab.
- Einsatz von Gläsern oder Füllungen von 16 - 50 mm möglich.
- Verschweißbare PCE Dichtung oder EPDM Dichtung in lichtgrau oder schwarz.
- Hohe Thermostabilität durch intelligente Kammer-konstruktion.
- Beschlagsystem der Fa. Siegenia „EcoSlide".
- Konstruktion von technischen Details in Kooperation mit Fa. Siegenia - Exklusivität für profine Partner.
- 2 axial gleitende Laufwagen tragen den Flügel.
- 4 Führungs- und Verschlusselemente steuern die Schubbewegung nach innen und geben sicheren Halt in allen Positionen.

system highlights

- *Sliding system with 76 mm installation depth.*
- *Innovative, simple sliding door system based on the 76 double seal system.*
- *Concludes running around with compressed gaskets.*
- *16 - 50 mm panes and panelling also possible.*
- *Weldable PCE or EPDM gasket in light grey or black.*
- *Intelligent chamber design for high thermal stability.*
- *Fitting system made by Siegenia "EcoSlide".*
- *Construction of technical details in cooperation with Siegenia company - exclusivity for profine partners.*
- *2 axial sliding run carriages the sash.*
- *4 leadership- and locking elements steer the push movement inwards and give sure hold in all positions.*

Premislide 76
Schiebesystem
sliding system
Systemmerkmale
system features

Dichtungssystem
seal system

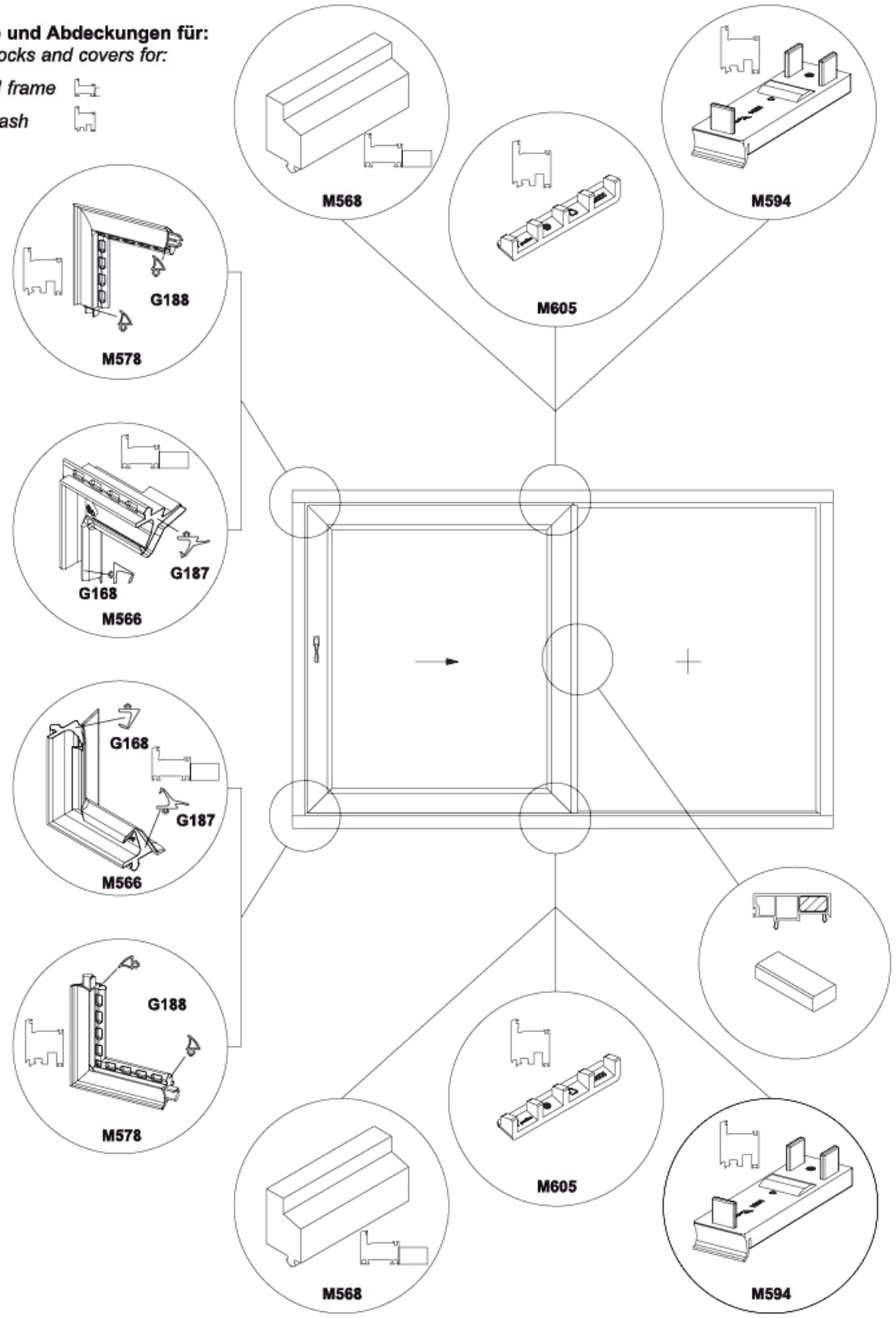


Dichtungsteile und Abdeckungen
sealing blocks and covers

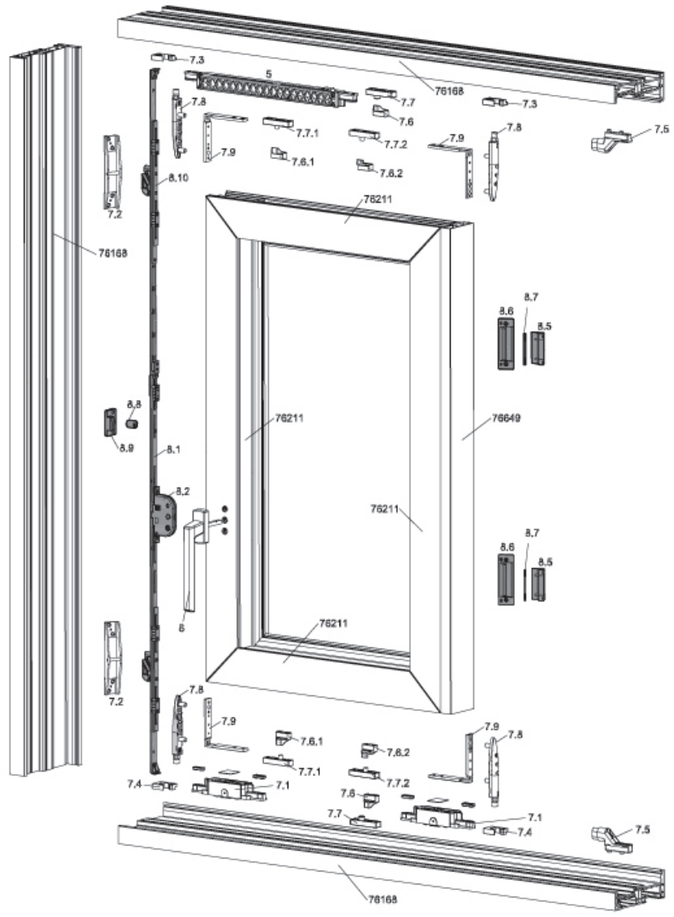
Dichtteile und Abdeckungen für:
sealing blocks and covers for:

Rahmen / *frame*

Flügel / *sash*



Beschlage und Anbauteile zur Zarge 76168
Sealing connector blocks

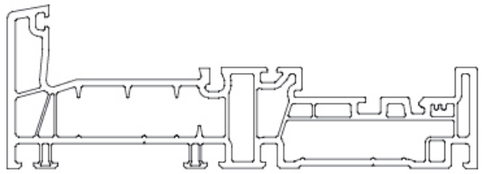


Separate Anschlaganleitung beachten!

Pos.	Bezeichnung	Nr.	Stück
2	Laufschiene	A438	1
3	Distanzschiene	A439	2
4	SC-Schiene	A440	1
5	Soft-Close	H069 H070 H071	1/2
6	Hebelsatz	H055 H056 H073 (Griffmuschel) H072	1
7	Set Horizontal	Zarge H159	Zarge H160
Größenbereich FFB:		510- 1400	1401- 2192
7.1	Laufwagen-Set	2/4	2/4
7.2	Hakenschließteil oben	2	2
7.3	Führungsschließteil 010	2	2
7.4	Führungsschließteil 020	2	2
7.5	Anschlagbock unten	2	2
7.6	MV Flügel waagerecht Verschlussseite	2	-
7.6.1	MV Flügel waagerecht Verschlussseite (V)	-	2
7.6.2	MV Flügel waagerecht Bandseite (B)	-	2
7.7	MV Rahmen Verschlussseite	2	-
7.7.1	MV Rahmen (A)	-	2
7.7.2	MV Rahmen (B)	-	2
7.8	Führungselement	4	4
7.9	Befestigungswinkel	4	4
	Schraube M4 x 14 Senkkopf PH 2	12	12

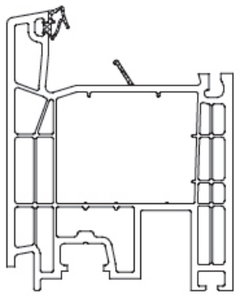
Pos.	Bezeichnung	Set Nr. / Stck.								
8	Set Vertikal FFH	H078 601 - 800	H058 801 - 1000	H059 1001 - 1200	H060 1201 - 1400	H061 1401 - 1600	H062 1601 - 1800	H063 1801 - 1900	H064 1901 - 2100	H065 2101 - 2200
8.1	Getriebe 25 - 55	1	1	1	1	1	1	1	1	1
8.2	Schlosskasten 40 MS	1	1	1	1	1	1	1	1	1
8.3	Senkschraube M4x11 ST H DIN 7500	2	2	2	2	2	2	2	2	2
8.5	Mittelverschluss MP Flügelteil	1	1	1	1	1	2	2	2	3
8.6	Mittelverschluss MP Rahmenteil	1	1	1	1	1	2	2	2	3
8.7	Unterlegplatte Mittelverschluss Flügelteil	1	1	1	3	3	2	2	2	3
8.8	Verschlußbolzen VS verstellbar	-	1	1	1	1	2	2	2	3
8.9	Mittelverschluss Schließteil senkrecht Profine Getriebe	-	3	3	1	1	2	2	2	3
8.10	Verlängerung	-	-	-	1 Gr.1 / Gr.3	1 Gr.1 / Gr.3	1 Gr.2 / Gr.4	1 Gr.1 / Gr.3	1 Gr.2 / Gr.4	1 Gr.1 / Gr.3

Frame

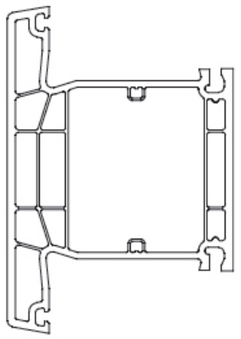


76168
Frame 55mm

Sash Transom

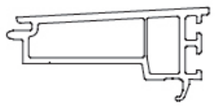


76211
Sash 94mm



76303
Transom 110mm

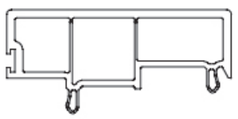
Auxiliary profile



76648
frame filling profile



76664
cover profile



76649
cover strip sash



76606
coupling profile

Glazing Bead



P1994
Glazing bead
27.5mm



76505
Glazing bead
18mm



P1965
Glazing bead
10.5mm

PremiSlide 76
sliding system General wallchart

Alu.profile



A438
guide rail



A439
distance rail



A440
guide rail

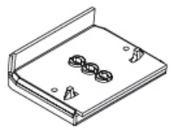


A372
reinforcement (76648)

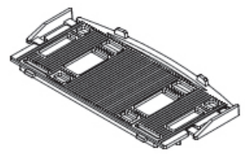


A441
tread bar

Accessories



J053
connector (76303)



M137
Glazing rebate



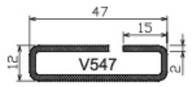
G090
gasket



G049.T
gasket

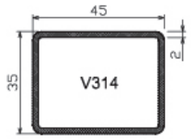
F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer

Steel reinforcement



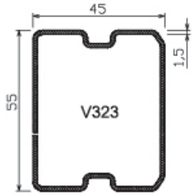
I_x=0.45 cm⁴
I_y=4.68 cm⁴

76168



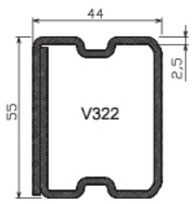
I_x=5.7 cm⁴
I_y=8.44 cm⁴

76211



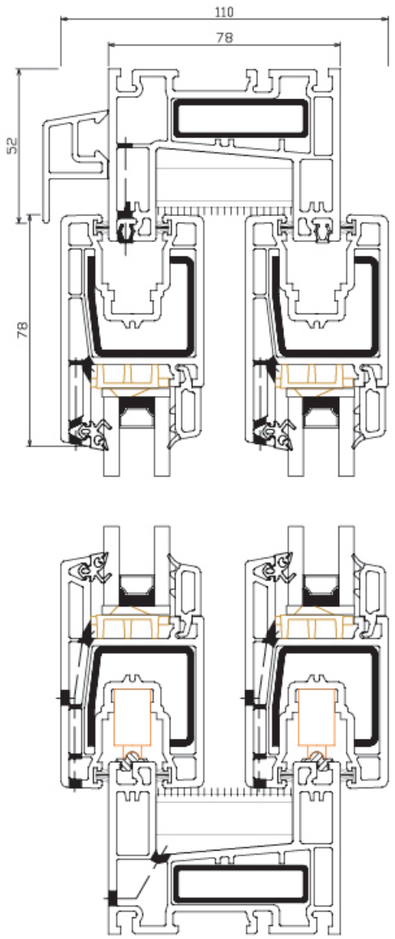
I_x=12.95 cm⁴
I_y=9.17 cm⁴

76303



I_x=21.95 cm⁴
I_y=16.83 cm⁴

76303



Technical Data	
Coefficient of thermal	Uf=2.3 W/(m²K)
Wind load resistance	Class 8
Air permeability	Class 4
Water proof	Class 4
Thermal insulation	Class 7
Sound insulation	Class 3

System highlights

·Professional sliding system，durable and robust comply Class A of national standard

·Mainly used for big size door and windows，the dimension can reach 1.2 × 2.2 m

·Adequate chamber size for steel reinforcement and retain the individual drainage channel

·Can be equipped with single glazing or double glazing，thickness can reach 24 mm

· Sliding frame itself can be also used as transom， enrich the design of the window elements

Sealing system

EPDM sealing gasket for glazing



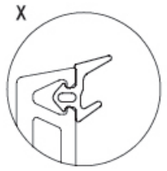
M9044



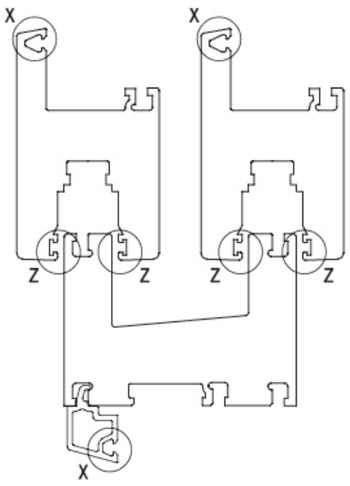
M9045



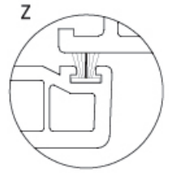
M9073



M9D39



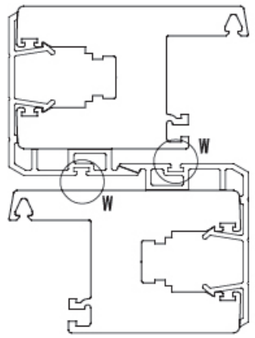
brush seal

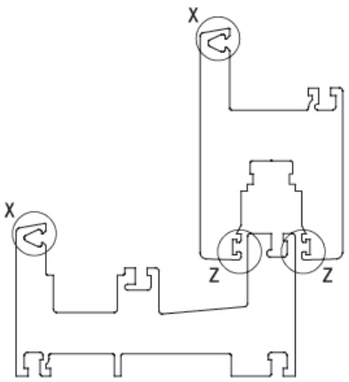


M4574

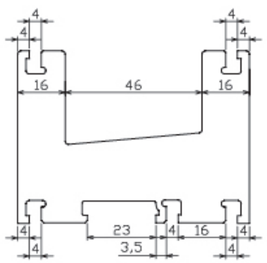


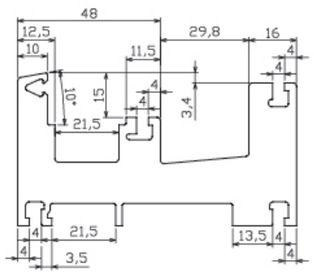
M9091

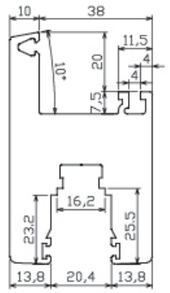




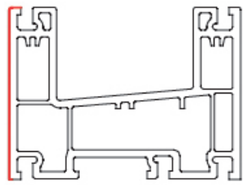
System mechanical processing dimensions



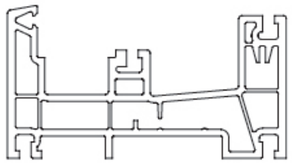




Frame

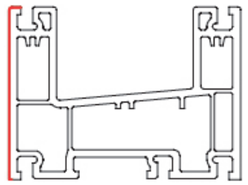


P1998
Frame 58mm

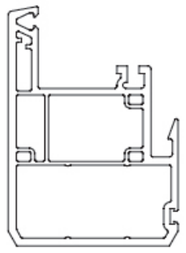


P0386
Frame 48mm

Transom

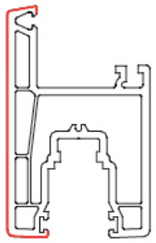


P1998
Transom 58mm

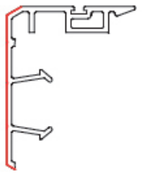


P0384
Transom 80.6mm

Sash and Interlock



P1944
Sash 78mm



P1945
Interlock

Glazing bead



P1994
Glazing bead
27.5mm



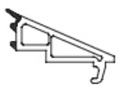
P1355.2
Glazing bead
19mm



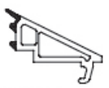
P1965
Glazing bead
10.5mm



P1986
Glazing bead
17mm



P1983
Glazing bead
35mm

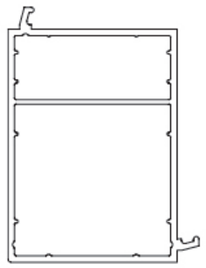


P1984
Glazing bead
31mm

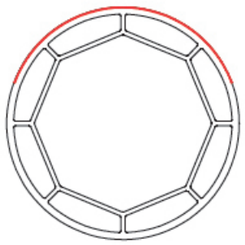
※ Red layer represent this layer can be apply ASA co–extrusion technology

System SF2
78mm Sliding door system General wallchart

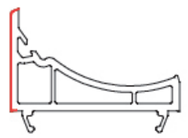
Auxiliary profile



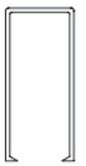
P1675
90° coupling profile



P1996
Universal angle corner coupling



P1973
stand for flexible angle corner coupling



P1338
Reinforce cover



P0481
coupling profile



P0442
coupling profile



P1677
coupling profile

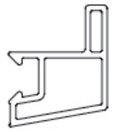
P1248
coupling profile



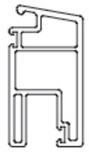
P0914
Anti dust spring



P1669
Weather bar



P1999
screen track



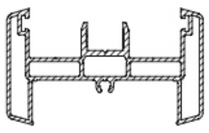
P1679
screen sash



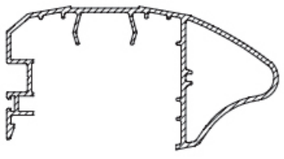
B8124
board

※ Red layer represent this layer can be apply ASA co–extrusion technology

Alu.profile and Accessories



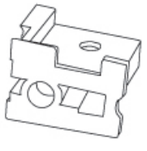
L9652
Alu. sealing for sash



L9C33
Alu. interlock



L9699
Alu. track



F9792
connector (P1998)



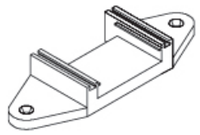
F9791
Glazing rebate (P1998)



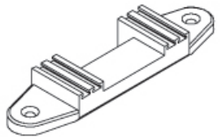
F9485
Glazing rebate (P1944 P0384)



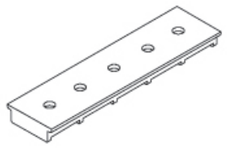
F9D79
Sliding boots (P1679)



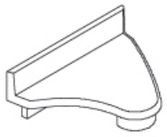
F9482.1
Sealing pad (P1998)



F9D92
Sealing pad (P0386)



F9D89
Glazing rebate (P0386)



F9D34
End cap for Alu.interlock(L9C33)



F7448
Fixture



M9091
Brush



M4574
Brush

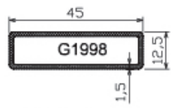


M9095
Gasket for screen sash

F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer

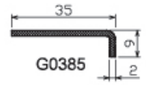
System SF2
78mm Sliding door system General wallchart

Steel reinforcement



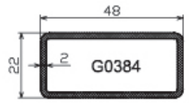
I_x=0.43 cm⁴
I_y=3.54 cm⁴

P1998



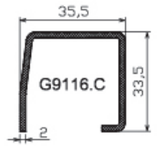
I_x=0.03 cm⁴
I_y=1.00 cm⁴

P0386



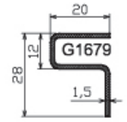
I_x=2.04 cm⁴
I_y=7.12 cm⁴

P0384



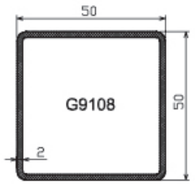
I_x=2.62 cm⁴
I_y=4.07 cm⁴

P1944



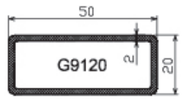
I_x=0.57 cm⁴
I_y=0.47 cm⁴

P1679



I_x=14.36 cm⁴
I_y=14.36 cm⁴

P1675



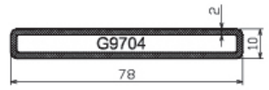
I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338



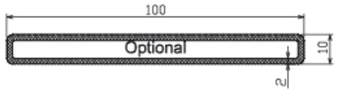
I_x=11.71 cm⁴
I_y=11.71 cm⁴

P1996



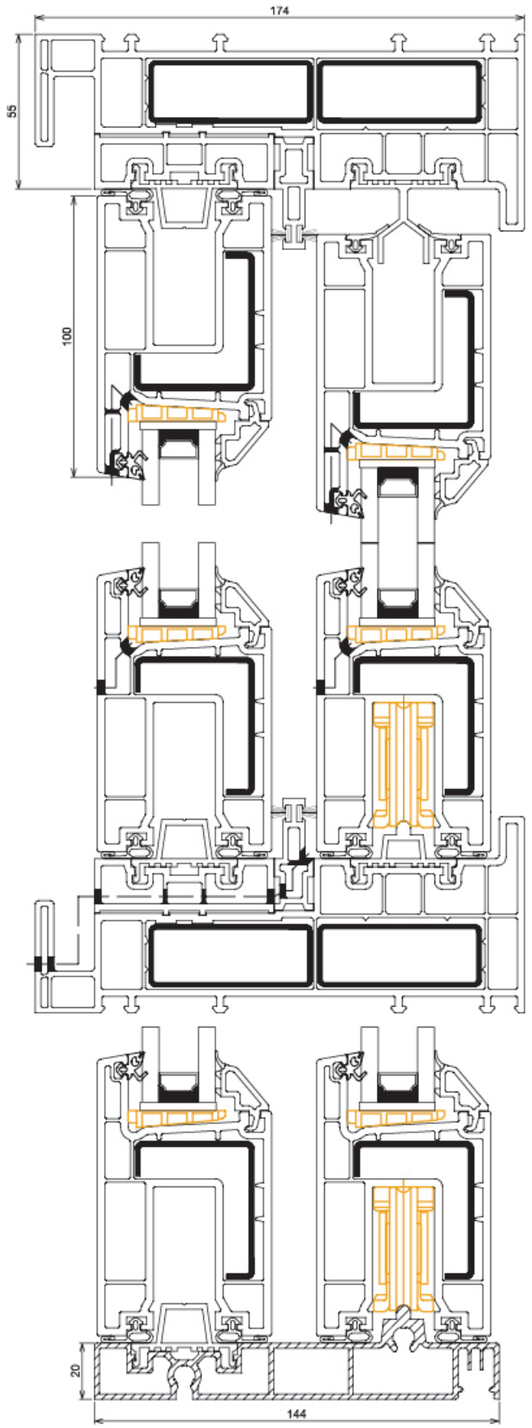
I_x=0.51 cm⁴
I_y=18.8 cm⁴

P0442



I_x=0.65 cm⁴
I_y=38.3 cm⁴

P0481



Technical Data

Coefficient of thermal	Uf = 1.8 W/(m²K)
Wind load resistance	Class 6
Air permeability	Class 4
Water proof	Class 4
Thermal insulation	Class 7
Sound insulation	Class 3

System highlights

·174 mm construction depth, Sash is 62mm depth with 37mm thick glazing, enhance its static stability and wind load resistance performance. With appropriate hardware, it can be fabricated to a giant door.

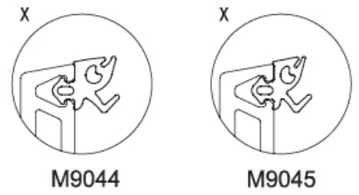
·The sash is constructed with 2 chambers. The independent front drainage chamber is combined with the classic Sash-glazing slope to make drainage more smooth.

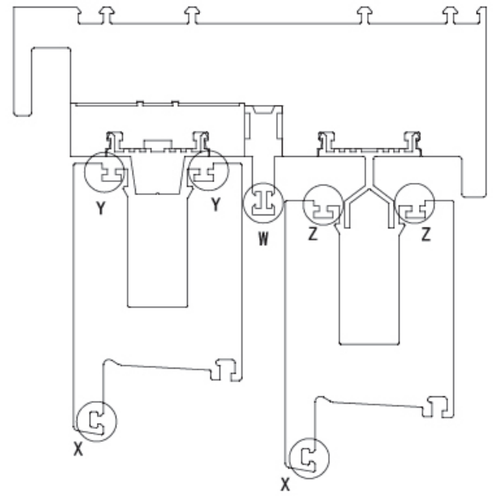
·Using the unique hardware, achieving that lifting up to open then sliding, descend to locking. The system cleverly uses the concept of rubber gasket sealing, supplemented by the water proof block between the inner and outer sashes, greatly improves the waterproof, airtight and sound insulation performance of this sliding system, which is also conforming to the concept of energy saving.

·Optional double-layer locking enables ventilation of the door when the door is closed. Compared with the traditional sliding system, the multi locking point also greatly improves the anti-theft performance.

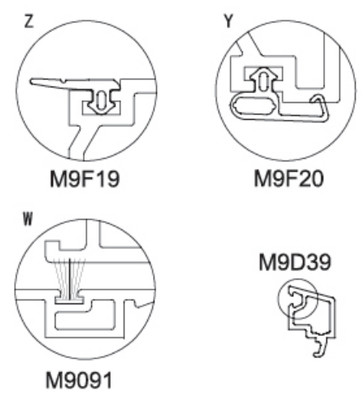
Sealing system

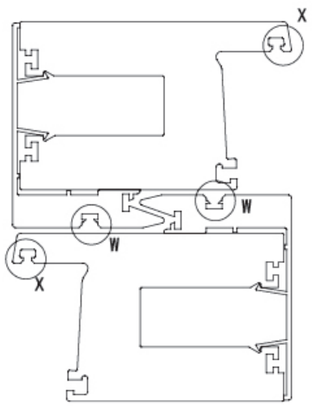
EPDM sealing gasket for glazing

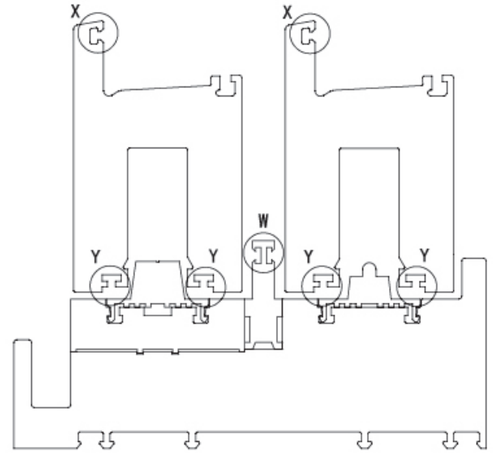




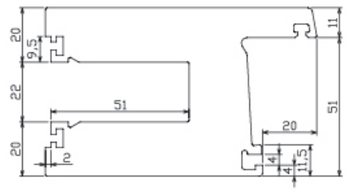
EPDM Gasket sealing and Brush sealing



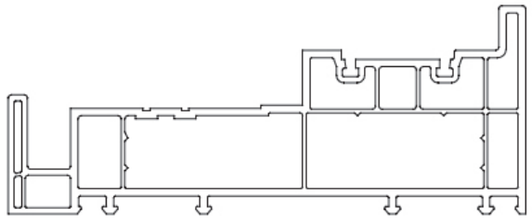




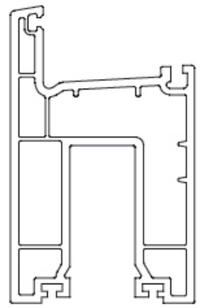
System mechanical processing dimensions



Frame and sash

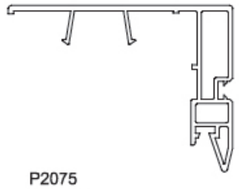


P2175
Frame 70mm



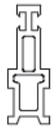
P2062
Sash 100mm

Auxiliary profile



P2075
Interlock

P2064
Stand for track

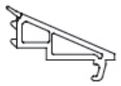


P2014
Sealing block

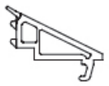


P1338
Reinforce cover

Glazing bead



P1983
Glazing bead
35mm



P1984
Glazing bead
31mm



P1994
Glazing bead
27.5mm



P1355.2
Glazing bead
19mm

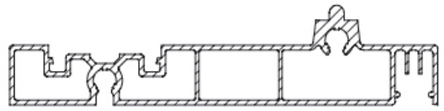


P1986
Glazing bead
17mm

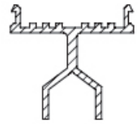


P1965
Glazing bead
10.5mm

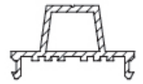
Alu.profile



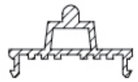
L9F12
Alu. Threshold



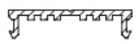
L9F15
Upper track



L9F16
Fixed track



L9F17
Lower track

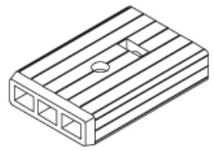


L9F18
Cap



L9F18.1
Cap (L9F12)

Accessories



F9F14
Connector



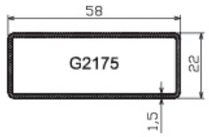
F7448
Fixture



M9091
Brush

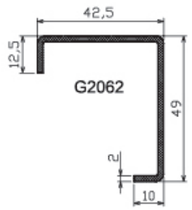
F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer

Steel reinforcement



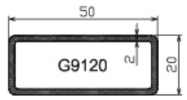
I_x=1.97 cm⁴
I_y=9.16 cm⁴

P2175



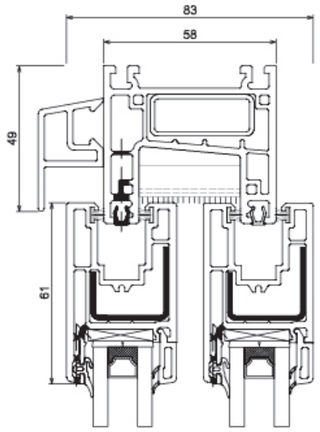
I_x=6.11 cm⁴
I_y=4.86 cm⁴

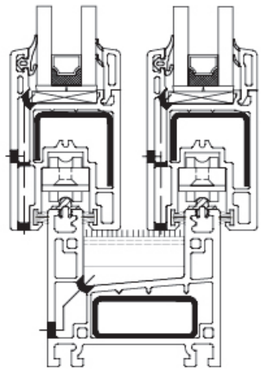
P2062



I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338





Technical Data	
Coefficient of thermal	U_f = 2.6 W/(m²K)
Wind load resistance	Class 4
Air permeability	Class 4
Water proof	Class 4
Thermal insulation	Class 6
Sound insulation	Class 3

System highlights

·It has co-extruded sealing gasket while retaining the safety groove, which can be assembled with various thicknesses of glazing

·The bevel design of the frame profile helps to drain water quickly.

·Adequate size for steel reinforcement and retaining separate drainage chambers

·There are multiple frame and sash options in the same system to meet different requirements

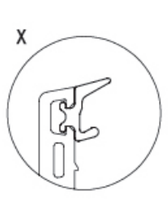
·The sliding frame can be used as transom, enrich the window design

·With co-extruded gasket between sash and glazing, there is no need for rolling gasket manually, improve efficiency, and prevent gasket from shrinkage which can resulting in air leakage.

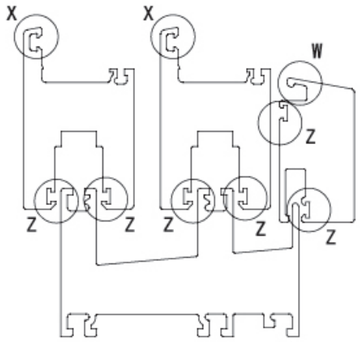
·Sliding screen is installed in inner side, easy for installation

Sealing system

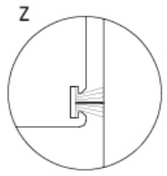
Weldable sealing gasket



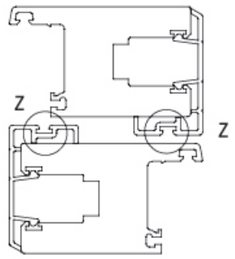
PCE



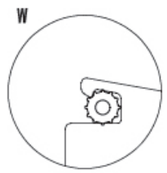
Brush sealing



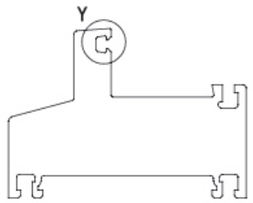
M4574



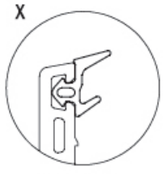
Gasket for screen sash



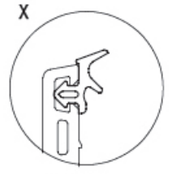
M9095



EPDM sealing gasket for glazing



M9D39



M9073



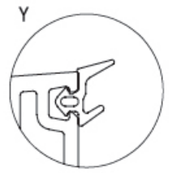
M9044



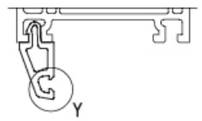
M9045



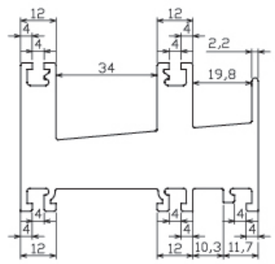
M9073

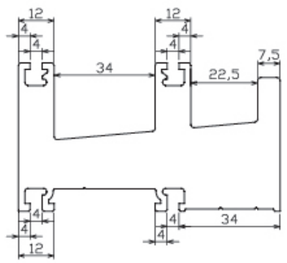


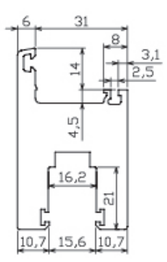
M9D39



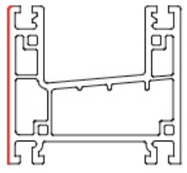
System mechanical processing dimensions



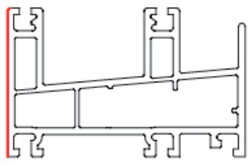




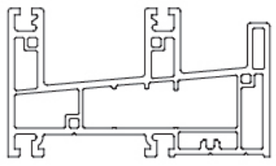
Sliding frame



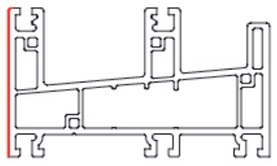
P1651
Frame 53mm



P1653
Frame 50mm

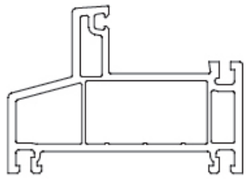


P1678
Frame 50mm

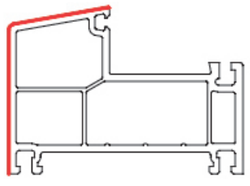


P1678.1
Frame 50mm

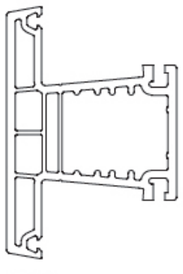
Fixed frame and Transom



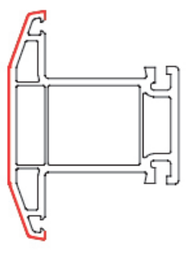
P1660
Frame 57mm



P1654
Frame 57mm

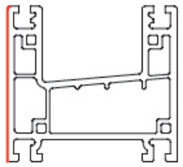


P1985
Transom 86mm

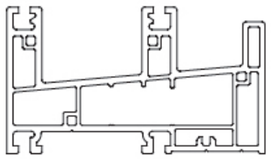


P1952
Transom 78mm

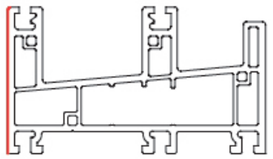
Sliding frame or Transom



P1651
Transom 53mm

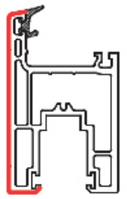


P1678
Transom 50mm

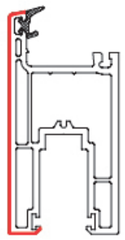


P1678.1
Transom 50mm

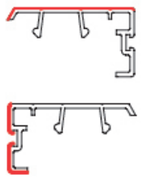
Sash and interlock



P1652(P1652.G)
Sash 61mm



P1683(P1683.G)
Sash 75mm

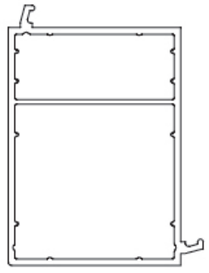


P1666.2
Interlock

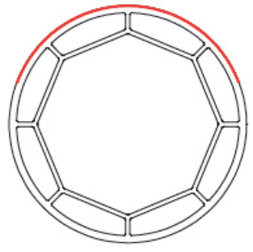
※ Red layer represent this layer can be apply ASA co–extrusion technology

ORTA
58/80/88mm Sliding system General wallchart

Auxiliary profile



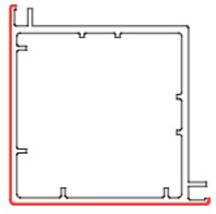
P1675
90°coupling profile



P1996
Universal angle corner coupling



P1973
stand for flexible angle corner coupling



P1674
90°coupling profile



P0481
coupling profile



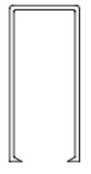
P0442
coupling profile



P1677
coupling profile

P1248
coupling profile

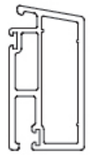
P0914
Anti dust spring



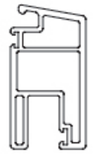
P1338
Reinforce cover



P1669
Weather bar



P1671
Screen sash



P1679
Screen sash



B8124
Board

Glazing Bead



P1680
Glazing Bead
6 mm



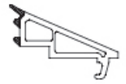
P1681
Glazing Bead
21.5 mm



P1682.d
Glazing Bead
16.5 mm



P1980
Glazing Bead
11.5mm



P1983
Glazing Bead
35mm



P1984
Glazing Bead
31mm



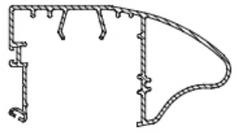
P1355.2
Glazing Bead
19mm

※ Red layer represent this layer can be apply ASA co–extrusion technology

Alu. profile and Accessories



L9600
Alu. sealing for sash



L9C37
Alu. interlock



L9707
Alu. track



F9790
Glazing rebate for sliding frame



F9496A
Glazing rebate for fixed frame



F9846
Sliding boots (P1671)



F9D79
Sliding boots (P1679)



F7448
Fixture

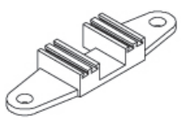


M4574
Brush



M9095
Gasket for screen sash

F002 2mmGlazing packer
F003 3mmGlazing packer
F005 5mmGlazing packer

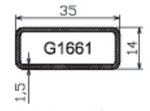


F9707
Sealing pad



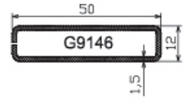
F9D37
End cap for Alu.interlock (L9C37)

Steel reinforcement



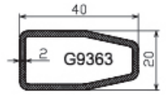
I_x=0.43 cm⁴
I_y=1.87 cm⁴

P1651



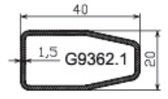
I_x=0.42 cm⁴
I_y=4.35 cm⁴

P1653 P1678 P1678.1



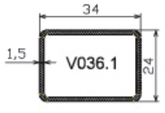
I_x=1.13 cm⁴
I_y=3.69 cm⁴

P1654 P1660



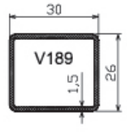
I_x=0.91 cm⁴
I_y=2.89 cm⁴

P1654 P1660



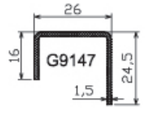
I_x=1.46 cm⁴
I_y=2.52 cm⁴

P1985



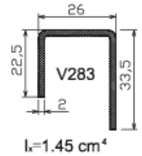
I_x=1.61 cm⁴
I_y=2.01 cm⁴

P1952



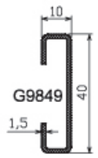
I_x=0.46 cm⁴
I_y=1.00 cm⁴

P1652



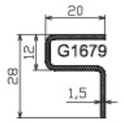
I_x=1.45 cm⁴
I_y=1.71 cm⁴

P1683



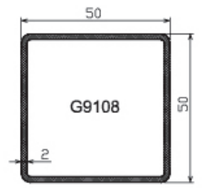
I_x=2.16 cm⁴
I_y=0.15cm ⁴

P1671



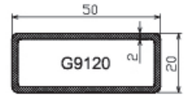
I_x=0.57 cm⁴
I_y=0.47 cm⁴

P1679



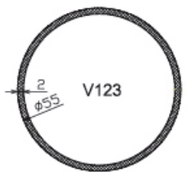
I_x=14.36 cm⁴
I_y=14.36 cm⁴

P1674 P1675



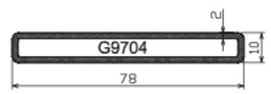
I_x=1.74 cm⁴
I_y=7.69 cm⁴

P1338 P1675



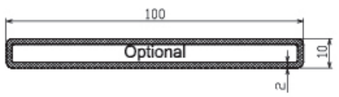
I_x=11.71 cm⁴
I_y=11.71 cm⁴

P1996



I_x=0.51 cm⁴
I_y=18.8 cm⁴

P0442



I_x=0.65 cm⁴
I_y=38.3 cm⁴

P0481

Quality accomplishes the brand:

German KÖMMERLING, established in 1897, is one of the first manufacturers which use the PVC material for window profile production, engaging in supplying the best PVC-U window and door profiles to the world all the time. In each procedure of production, sales, processing, etc. KÖMMERLING has big fame worldwide with its high standard of quality and the mature technology. In Europe, KÖMMERLING has become the pronoun of PVC-U window and door with good quality. This series of KÖMMERLING WINDOW & DOOR SYSTEM PROCESSING HANDBOOK will provide you the systematized technique support.

The series of KÖMMERLING WINDOW & DOOR SYSTEM PROCESSING HANDBOOK (shorted from HANDBOOK) is the direction to window and door assembly procedure, edited by KÖMMERLING, according to the features of KÖMMERLING window systems and profiles. KÖMMERLING does not supply the quality guarantee to the products, which are referred to the HANDBOOK by window fabricators.

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If there is any improper application of the information in the HANDBOOK, or usage as direction to any non- KÖMMERLING systems, or using improper accessories, the result will be taken by the user self.

We hope the HANDBOOK can provide the assistance to all parties to correctly apply KÖMMERLING profile. If there is any shortage, please contact us.

KÖMMERLING (TIANJIN) KUNSTSTOFF CO., LTD.

8 Superiorities of KÖMMERLING

More unique formular:

KÖMMERLING own material compound Kömalit "Z" has been tested successfully in most harshest environment in over 20 countries.

Much stronger and more durable capability:

KÖMMERLING never reduces the func on features as price to simplify the structure design or material thickness, which makes it to be the pronoun of high quality, strength and durability in the profile industry.

More outstanding tightness:

The scien fic structure brings the outstanding ghtness of all sorts of window and door products, which meets the highest grade of global standard.

More scientific chamber design:

It maximally keeps the measure of reinforcement chamber with precedence of guarantee of thermal insula on, etc. This keeps all KÖMMERLING systems have the most ideal wind resistance among the same sort of products. The excellent performance on high buildings has not been exceeded.

More suitable for practical application:

The systems are strictly separated as window profiles and door profiles. It makes the materials applica on more logis c and func ons more excellent.

More mature design of hardware accessories:

Most global hardware companies are able to supply the matched accessories to KÖMMERLING products.

More simplified assembly process:

The shape design and the application of co-extruding technology simplify the process of window assembly, which is in benefits to manufacture high quality windows with high efficiency.

Much richer window styles:

The strong European casement systems and neat sliding systems bring out the best in each other.



Progress

Innovation

Science And Technology

KÖMMERLING—a name conquering the world