



QUALISYS
doors | windows

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QUALISYS

ONE BRAND ONE SYSTEM COMPLETE SOLUTION	2
OUR DYNAMICS	3
YOUR EXPECTATIONS	4

PRODUCT RANGE

QUALIDO	10
COMFORT LINE	14
Comfort Clear Line OD 75 CL	15
Comfort Solid Line OD 75 SL	15
FINE LINE	18
Fine Line CS OD 75 CS	20
Fine Line DC OD 75 DC	20
HIGH LINE	22
High Line DC OD 90 DC	24
High Line DC 3 OD 90 DC 3	24
FRONT LINE OD 75 FR	26
BF LINE OD 75 BF	28
QUALIDO SUPPLEMENTARY UNITS	30
QUALIWIN	44
COMFORT LINE WINDOW OW 75 CL	48
TREND LINE WINDOW QW 75 TL	49
FINE LINE WINDOW QW 75 FL	50
FRONT LINE WINDOW QW 75 FR	51
GATE LINE WINDOW DOOR QW 75 GL	52
ACCESS LINE DOOR QW 75 AL	53
QUALIWIN SUPPLEMENTARY UNITS	54
QUALISYS SLIDING SYSTEM	59
IN-LINE SLIDE	62
SLIDING WINDOW OS IL SW	63
SLIDING DOOR OS IL SD	63
POCKET DOOR OS IL PD	63
MINIMAL LINE OS IL ML	63
HIGH LINE LIFT & SLIDE	70
HIGH LINE SLIDING DOOR OS HL SD	70
HIGH LINE MINIMAL LINE OS HL ML	70
QUALISYS FAÇADE SYSTEM OS 50 FS	76
QUALISYS PLUG-ON RAILING OR 75 RS	82
GLASS	86
COLORS	90

INDEX



- Are you planning something and want to be inspired?
- Do you need to find the right system to fit your idea?
- Are you looking for sensible technical solutions for your design?
- Do you need costs calculated for your design plan?

Then you have definitely come to the right place. Our team will even help you to draw up the technical specification. And we will then be happy to help at every stage of the process, right through to completion of the construction project.

When it comes to making your ideas a reality, QUALISYS is the ideal partner. Based on detailed expertise in systems development, many years of experience with special profiles, and extensive skills in aluminum manufacturing, QUALISYS with SCHÜCO's engineers develop intelligent, customer-oriented special constructions for your projects. At the same time, these capabilities are based partly on our high level of vertical integration with our own and our partner's foundry, high-performance stamping facilities, modern tool technology and surface finishing.

We give you our word!



Our team leader, Mr. Taner Akkaya, is an active player in fenestration business since 1995. After many years of excellent track record in several companies including German companies Elumatec and Profine, he has established his own company EEA, which is the manufacturer of QUALISYS products, in 2010.

We, as EEA, are a young, dynamic, open-minded, courageous, meticulous, quality addicted and well organized compact team, specialized in doors and windows manufacturing. Our philosophy is based on “sustainable quality”. Therefore, in all QUALISYS products, we use components from top quality German vendors. Our manufacturing is totally a harmonized consolidation of fine processing and sophisticated craftsmanship. All mechanical processes are carried out by state of the art Elumatec machines whereas, all manual processes are finalized in the hands of skilled professionals.



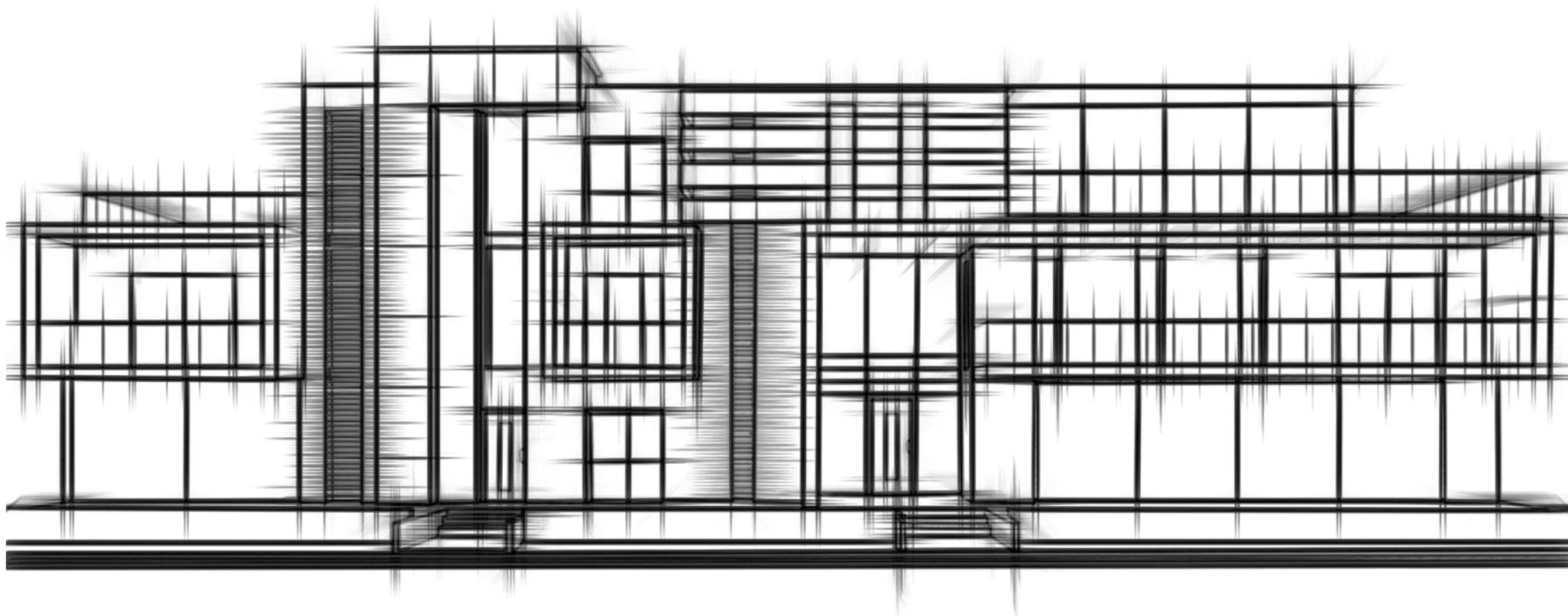
YOUR EXPECTATIONS

Nowadays enormous requirements are placed on buildings; they must not only keep heat, cold and noise out, but also allow lots of light in at the same time. Despite the usually narrow economic constraints, the structure must meet discerning functional, security and aesthetic standards. For this reason, special significance is attached to the building's outer shell; the façade, along with its window and doors.

And, if successful architecture is accepted and brought to life by human beings – then, whole truly is more than the sum of its parts.

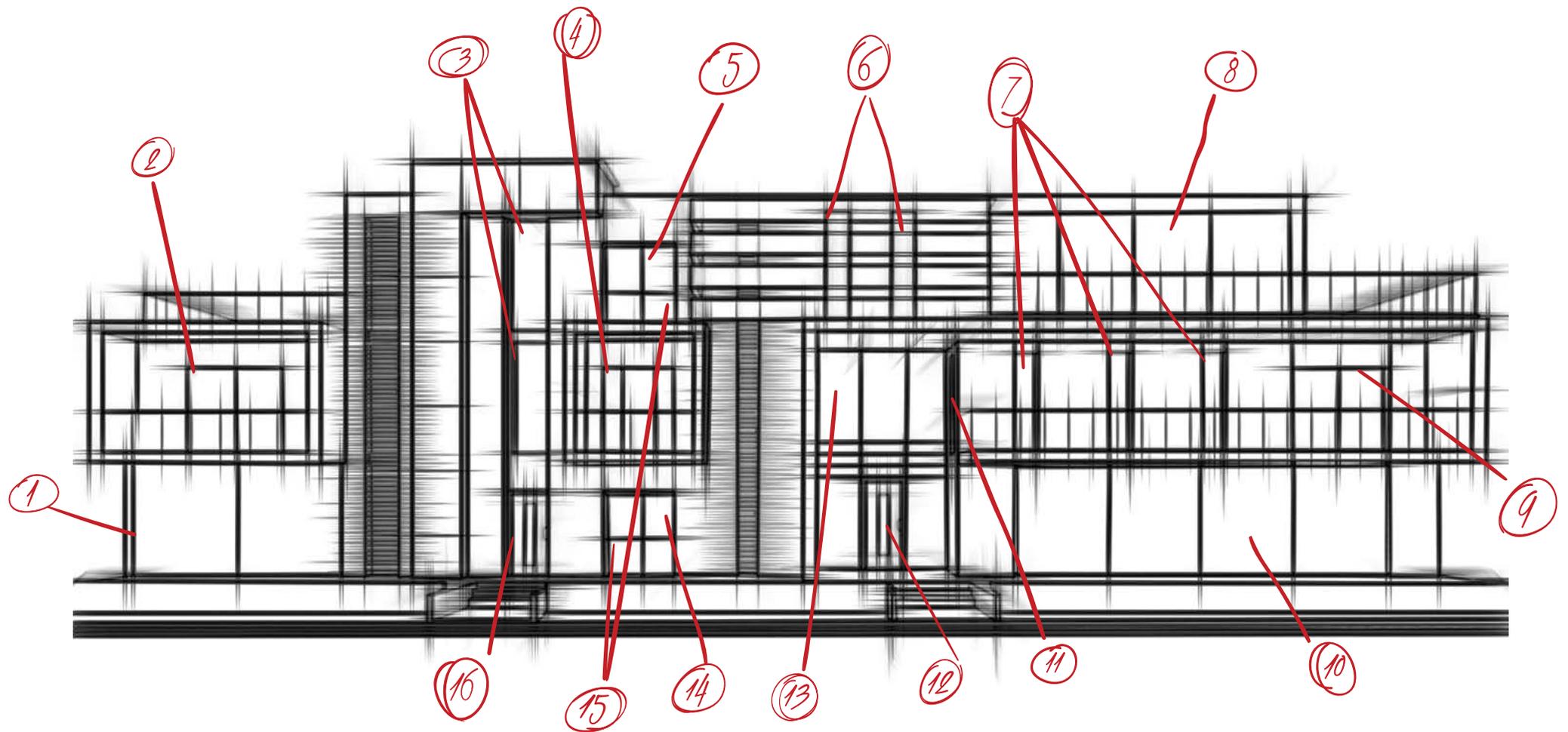
THE WHOLE IS
MORE THAN
THE SUM OF ITS PARTS

WE PUT YOUR IDEAS





INTO PRACTICE



lift and slide 1 - 8 - 10

In-line slide 2 - 9

Fixed Windows 3

Balcony door 4

french doors 5 - 14 - 11

Railing 15

Tilt and turn window 6 - 7

Entry Door 12

Store front 13

service door 16



We offer a complete system solution which aesthetically match and perfectly function with each other.

The architecturally coherent frame-line of QUALISYS product line presents:

- Aesthetically pleasant profile geometry
- Exceptional architectural and structural solutions
- A plug-on system matching practically with each other

In the development of QUALISYS window and door systems; QUALIWIN and QUALIDO respectively, suggestions from practical users and customer requests were thought through to their logical conclusions thanks to many years of engineering expertise of our exclusive partner; SCHÜCO. The result: slender elevations, optimum thermal insulation properties, economical processing and versatile potential applications.

For planners and building owners, the wide range of QUALISYS window and door systems offers broad architectural scope and flexibility. With windows in a wide range of opening types, as well as exterior doors and sliding doors, this extensive modular system opens up a whole host of potential applications. When this complete system is processed with state of the art machinery as well as the hands of skilled craftsmen, the result is aesthetic and functional exclusivity.

The latest generation of QUALISYS window and door systems achieve maximum thermal insulation values thanks to an innovative and completely redeveloped insulating zone. Despite their shallow profile depths, these windows and doors not only conform to the Energy Savings Ordinance (EnEV) but even reach passive house standards.





Entry door is OD 75 DC with integrated sidelites. Door panel decoration is Calais. Glass decoration on the sidelites is Clear & Satinated.

THERMAL INSULATION
SECURITY
FUNCTIONALITY
INDIVIDUAL DESIGN

QUALIDO
QUALIDO

QUALIDO: QUALISYS DOOR SYSTEM

THERMAL INSULATION, SECURITY AND FUNCTIONALITY WITHOUT COMPROMISING ON FORM

QUALISYS
doors | windows



In our high-quality door systems for commercial properties, apartment buildings, and individual houses, the name “QUALIDO” represents not only perfect operation and maximum security but also optimum thermal insulation as well as sophisticated and modern conception of aesthetics. Moreover, with almost unlimited freedom of creativity, QUALIDO lend every building an identity of its own.

Our doors for commercial properties and houses are sturdy, durable and low-maintenance. Thanks to the special design with a special material composite, they retain their ease of operation and rigidity at all times even under exposure to extreme temperatures. At the same time, they are characterized by their outstanding insulation properties - through to passive house suitability.

Thanks to a range of profile depths with variable thermal insulation and numerous options for modification, we offer right door to meet every project-specific requirement. With a large selection of cross-series accessories, a wide range of security features, and many decorative door panel options, QUALIDO leave nothing to be desired.

- Maximum energy efficiency up to passive house level.
- Various profile depths with variable thermal insulation.
- Slender elevations.
- Wide range of different variants and profiles.
- Optional decorative door panel.
- Flush inside and outside for doors that open inwards and outwards.
- High security level with multipoint locks, hinges and security pins.

QUALIDO

DREAM YOUR DOOR AND LET US BUILD IT UP!

QUALIDO elegant door series bring together a fixed frame, a leaf frame and a panel in the respective chosen color. Here, you can always choose between a door with a visible door leaf in various profile variants or a door panel that covers the door leaf on one or both sides.

Dream your door and let us build it up!



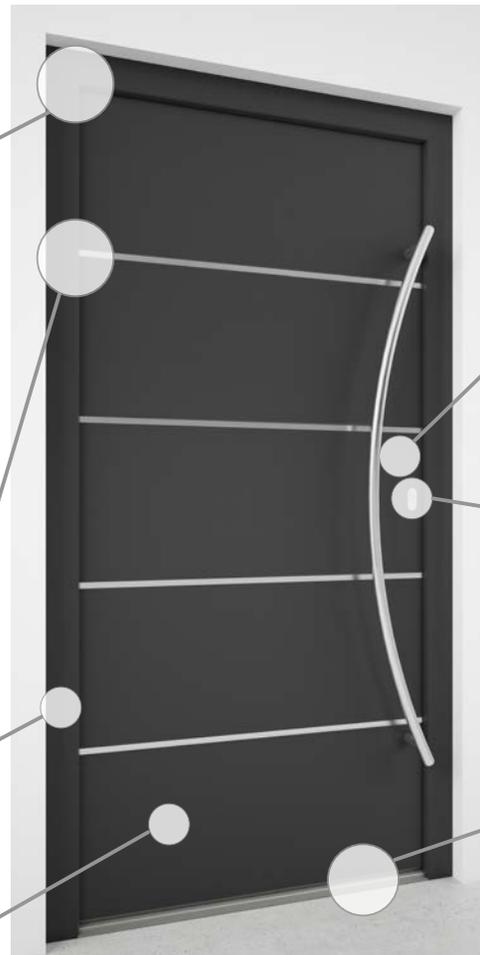
Always in a fitting framework
Choose from different profile contours.



Perfect appearance with either a surface-mounted hinge or an elegant barrel hinge.

In line with your needs. QUALIDO is available in various profile depths.

Full flexibility in design. Aluminum sandwich panels in many design alternatives or with a special design of your own.



Your personal style. Individualize your dream door with a matching door handle.

Optimum Safety with various lock types from automatic to electronic.



Well-thought out in every detail. The vertically adjustable threshold guarantees an optimum weather-proof sealing and functioning for years to come.



COMFORT LINE

THE VERSATILE MODULAR SYSTEM FOR MODERN ALUMINUM DOORS

QUALISYS
doors | windows

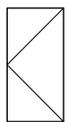


The versatile QUALIDO Comfort Line door system satisfies not only the demands for simple and economical fabrication, but also the creative desire for architectural elegance sustained by profiles with narrow visible areas and a low profile depth. Thanks to the sophisticated construction with modern multi-chamber profiles and the innovative insulating zone, this modular system meets all thermal insulation requirements under the German Energy Saving Ordinance (EnEv) 2016 with a profile depth of just 75 mm (2.95").

Highlights:

- Sturdy profile construction with 75 mm (2.95") profile depth.
- Glass thicknesses and door inserts (decorative door panels) up to 53 mm (2.09").
- Flush inside and outside for doors opening in and out.
- Realizable door sizes (max. width / max. height): 1,500 mm / 3,100 mm (4'11" / 10'2").
- Flexible shear deltatherm composite in the leaf profiles to reduce the bi-metal effect, resulting in a lower level of leaf deflection in case of temperature differences between indoors and outdoors.
- Compatible with all other QUALIWIN, QUALIDO, and other QUALISYS products.

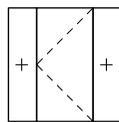
OPENING TYPES



One leaf door
outward opening



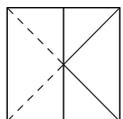
One leaf door
inward opening



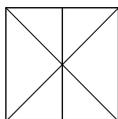
One leaf door
with sidelites



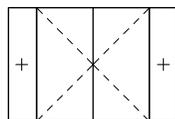
One leaf door
with toplite



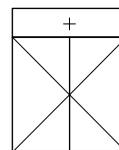
Push-pull door



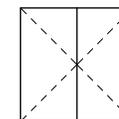
Two leaves door
outward opening



Two leaves door
with sidelites



Two leaves door
with toplite



Two leaves door
inward opening

COMFORT LINE

DOOR TYPES

QUALIDO presents two alternative door types under Comfort Line product group:



OD 75 CL | Comfort Clear Line

Door with glass insert. This door type provides brightness and transparency to the user. In Comfort Clear Line, standard glass thicknesses are 24 mm (.94"), 36 mm (1.42"), 40 mm (1.57"), 44 mm (1.73"), 48 mm (1.89"). In special projects glass thicknesses up to 53 mm (2.09") is possible.



OD 75 SL | Comfort Solid Line

Door with decorative panel. This model, with a solid door panel provides privacy to its user. The 24 mm (.94") or 36 mm (1.42") thick aluminum decorative sandwich panels sustain high thermal insulation.

QUALIDO COMFORT CLEAR LINE | QD 75 CL

DESIGN OPTIONS:



Denver Genova Modena Monroe Olympia Parma

INSULATING GLASS OPTIONS:

Insulating Glass Thickness	Ug Value - Day												
	0.23	0.22	0.19	0.18	0.16	0.15	0.13	0.12	0.11	0.10	0.09	0.08	0.07
24 mm (0.932") - Double Glazing	✓	✓	✓	✓									
36 mm (1.397") - Double Glazing					✓								
36 mm (1.397") - Triple Glazing						✓	✓				✓*		
40 mm (1.555") - Triple Glazing						✓	✓	✓					
44 mm (1.713") - Triple Glazing						✓		✓	✓	✓		✓*	✓
48 mm (1.871") - Triple Glazing								✓		✓	✓*	✓*	

All IG's on this table are Low-e coated extra-clear glasses with Argon gas filling. The values indicated with a (*) are only available with Krypton gas filling instead of Argon. Glass decoration is a factor affecting U values.

Insulating Glass Thickness	SHGC								
	0.59	0.55	0.54	0.51	0.50	0.26	0.24	0.22	0.20
24 mm (0.932") - Double Glazing	✓	✓	✓			✓		✓	
36 mm (1.397") - Double Glazing			✓			✓		✓	
36 mm (1.397") - Triple Glazing				✓			✓		✓
40 mm (1.555") - Triple Glazing				✓	✓		✓		✓
44 mm (1.713") - Triple Glazing				✓	✓		✓		✓
48 mm (1.871") - Triple Glazing				✓	✓		✓		

Values on the shaded area of the table are valid for IG's with Solar Coating. All the IG's on this table are formed with extra-clear glasses. Glass decoration is a factor affecting SHGC and transparency. Please contact our team members for detailed information.

GLASS DECORATION OPTIONS



EXTRA CLEAR GLASS



ORNAMENT 504



CLEAR & SATINATED



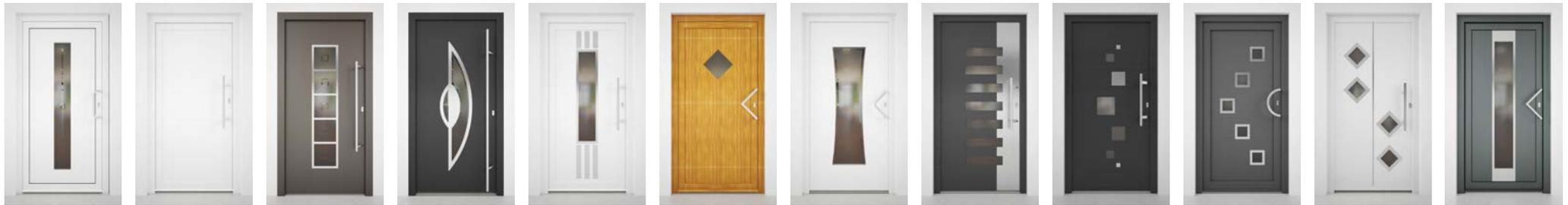
SATINATED

COMFORT LINE

QUALIDO COMFORT SOLID LINE | QD 75 SL PANEL OPTIONS:



Jersey Lancaster Nice Nancy Chester Como Calais Memphis Metz Marbella Norwich Tenedos



Hershey Redding Santander Corsica Atlanta Richmond York Austin Tampa Hampton Albany Essex



Werder Bergamo Wiesenburg Pescara

GLASS DECORATION OPTIONS



EXTRA CLEAR GLASS



ORNAMENT 504



CLEAR & SATINATED



SATINATED

FINE LINE

THE SOPHISTICATED, MODERN, AND AESTHETIC DOOR
WITH HIGH THERMAL INSULATION, SECURITY, AND FUNCTIONALITY

QUALISYS
doors | windows

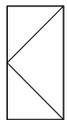


The entry door not only protects the home from wind, weather and unwanted intruders but also acts as a statement of personal style. The high-quality aluminum entry doors from QUALIDO Fine Line represent not only modern elegance in its most attractive and functional form but also energy efficiency, durability and security. With almost unlimited creative freedom, Fine Line CS and Fine Line DC entry door series lend every house an individual identity.

Highlights:

- Maximum energy efficiency up to passive house level.
- Slender elevations.
- Optional decorative door panel, door insert.
- With door panels that overlap outside or both outside and inside, this series offers a multitude of creative possibilities.
- Flush inside and outside for doors that open inwards and outwards.
- High security level with multipoint locks, hinges, and security pins.
- Flexible shear deltatherm composite in the leaf profiles to reduce the bi-metal effect, resulting in a lower level of leaf deflection in case of temperature differences between indoors and outdoors.
- Compatible with all other QUALIWIN, QUALIDO, and other QUALISYS products.

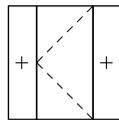
OPENING TYPES



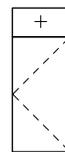
One leaf door
outward opening



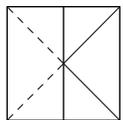
One leaf door
inward opening



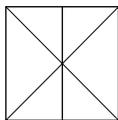
One leaf door
with sidelites



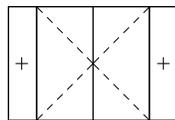
One leaf door
with toplite



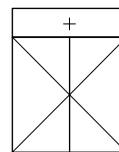
Push-pull door



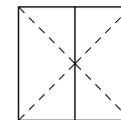
Two leaves door
outward opening



Two leaves door
with sidelites



Two leaves door
with toplite



Two leaves door
inward opening

FINE LINE

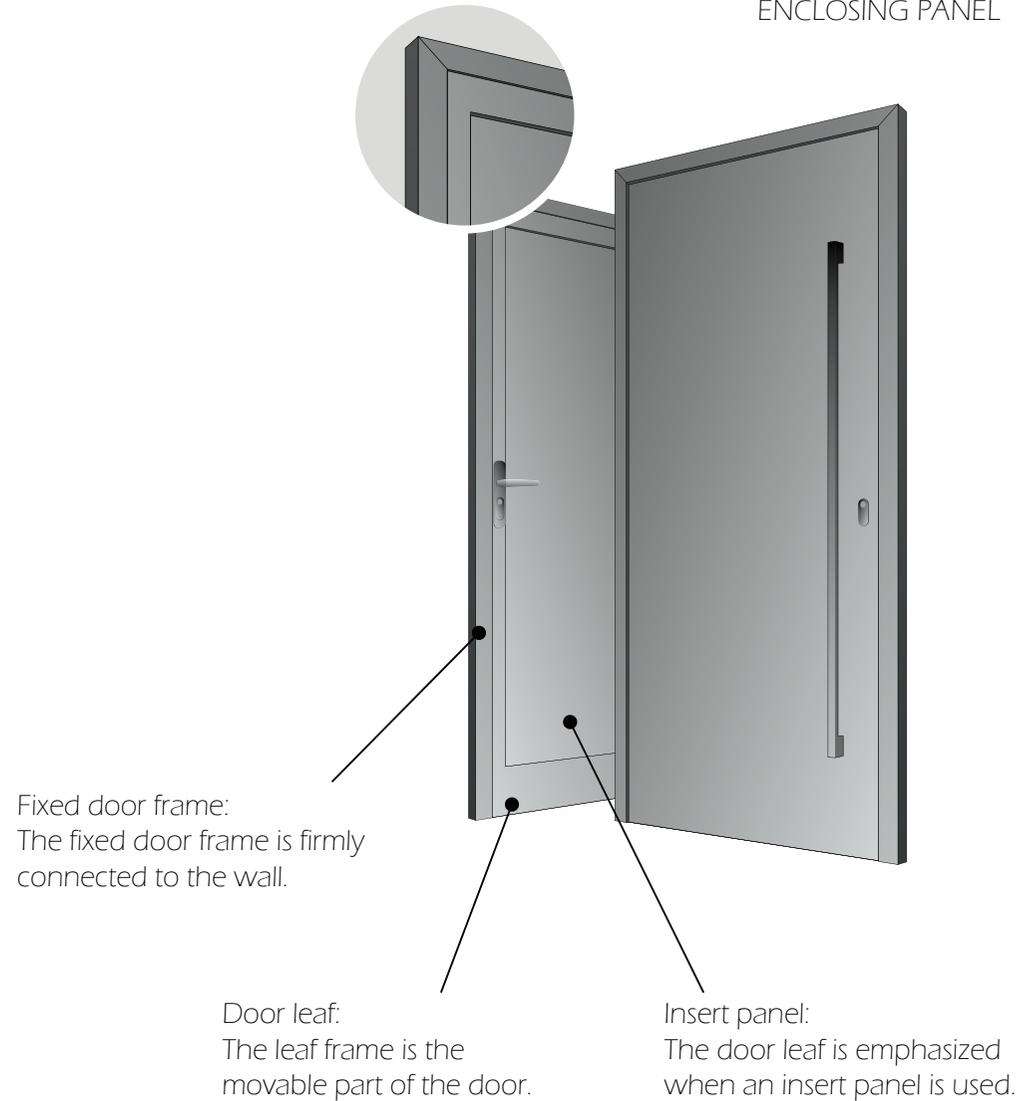
YOUR ENTRY DOOR – YOUR INDIVIDUAL STYLE

DOUBLE SIDED LEAF
ENCLOSING PANEL



Attachment panel:
A leaf-enclosing door panel conceals
the leaf frame profile.

SINGLE SIDED LEAF
ENCLOSING PANEL



Fixed door frame:
The fixed door frame is firmly
connected to the wall.

Door leaf:
The leaf frame is the
movable part of the door.

Insert panel:
The door leaf is emphasized
when an insert panel is used.

Fine Line door system offers two different application options:

OD 75 CS

One side leaf-enclosing door insert | Outside concealed sash application.

The decorative door panel overlaps the leaf profile when looked from the outside, minimizing the visible frame line. Aluminum sandwich panel insert, with 47 mm (1.85") thick EPS filling, provides high thermal insulation.



OD 75 DC

Double side leaf-enclosing door insert | Both sides concealed sash application.

Fine Line DC is a system providing minimum visible frame line both from the outside and inside. Decorative door panel insert overlaps leaf profile on both sides to conceal. Only visible profile in this system is the fixed frame. 75 mm (2.95") thick decorative aluminum sandwich panel enables very high thermal performance.

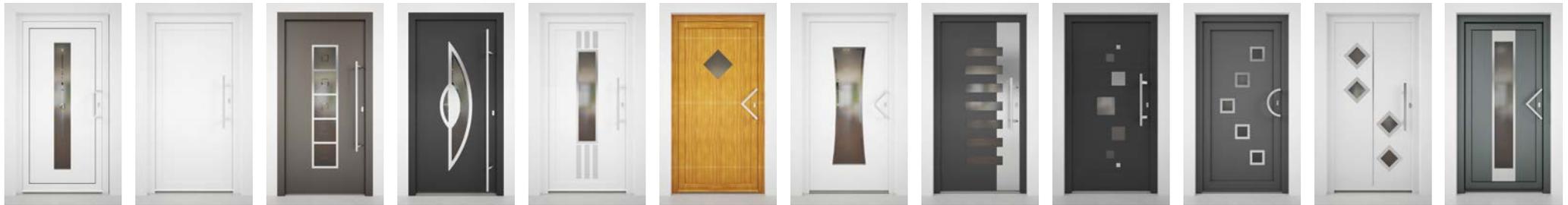


FINE LINE

QUALIDO FINE LINE | QD 75 CS & QD 75 DC PANEL OPTIONS:



Jersey Lancaster Nice Nancy Chester Como Calais Memphis Metz Marbella Norwich Tenedos



Hershey Redding Santander Corsica Atlanta Richmond York Austin Tampa Hampton Albany Essex



Werder Bergamo Wiesenburg Pescara

GLASS DECORATION OPTIONS



EXTRA CLEAR GLASS



ORNAMENT 504



CLEAR & SATINATED



SATINATED

HIGH LINE

A CLASS OF THEIR OWN - CUSTOM ENTRY DOORS TO MEET HIGH STANDARDS

QUALISYS
doors | windows



In the event of especially strict requirements for the property's doors, High Line is the system of choice: here, maximum thermal insulation, architectural elegance and profiles with narrow visible areas are combined in a modular system.

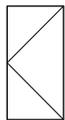
The name "QUALIDO High Line" represents not only perfect operation and maximum security but also maximum thermal insulation and sophisticated, modern aesthetics.

This elegant, premium entry door system meets even the strictest requirements of weatherproof sealing and thermal insulation - through to the passive house level.

Highlights:

- Sturdy profile construction with 95 mm (3.74") frame profile depth - 88 mm (3.47") sash profile for High Line DC 3.
- Maximum energy efficiency to passive house level.
- The vertically adjustable threshold guarantees an optimum weather-proof sealing and functioning for years.
- Slender elevations.
- Optional decorative door panel.
- Leaf-enclosing door inserts both sides.
- High security level with multipoint locks, hinges, and security pins.
- Flexible shear deltat therm composite thermal barrier in the leaf profiles to reduce the bi-metal effect, resulting in a lower level of deflection in case of high temperature differences between indoors and outdoors.
- Triple gasket application on High Line DC 3.

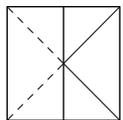
OPENING TYPES



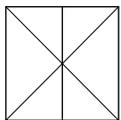
One leaf door
outward opening



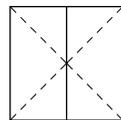
One leaf door
inward opening



Push-pull door



Two leaves door
outward opening

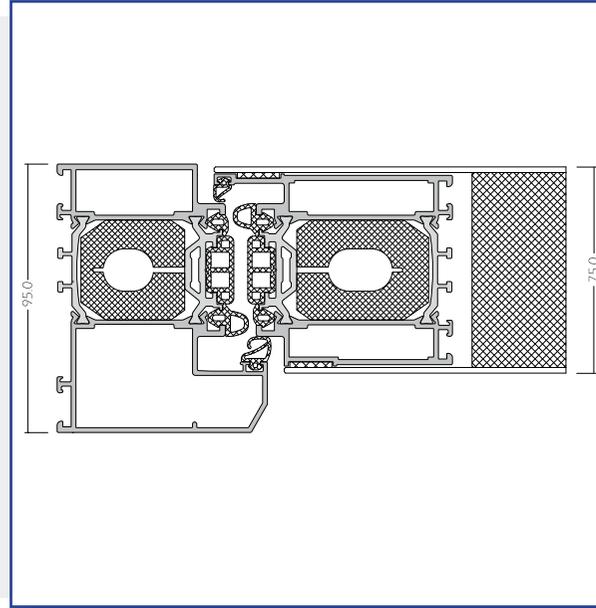
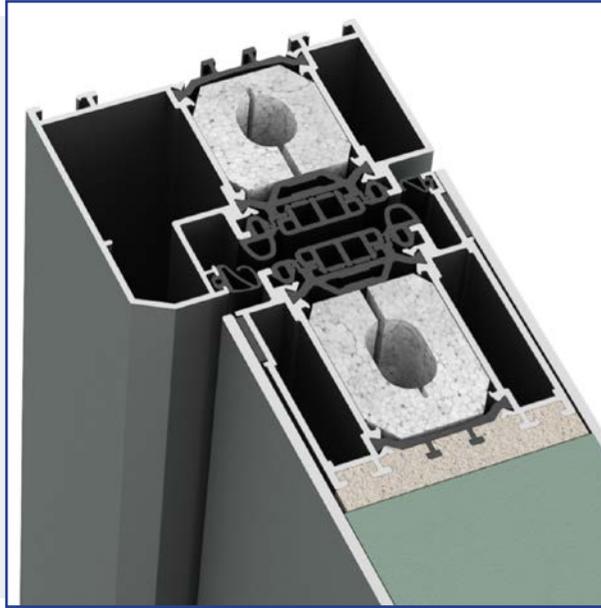


Two leaves door
inward opening

HIGH LINE

DESIGN YOUR OWN PREMIUM DOOR!

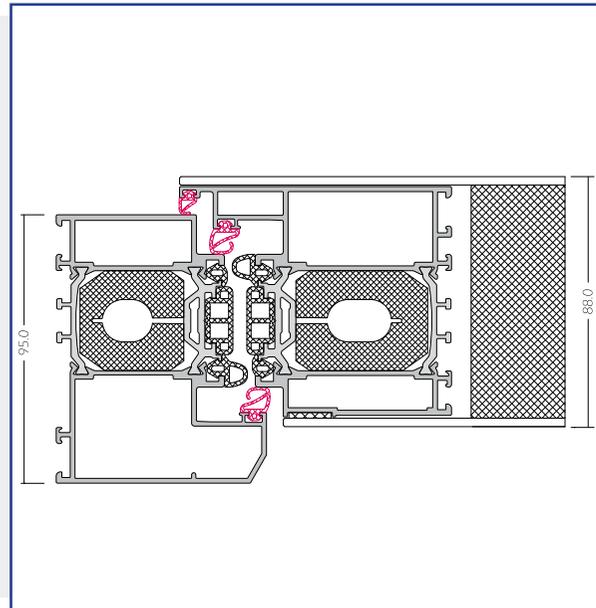
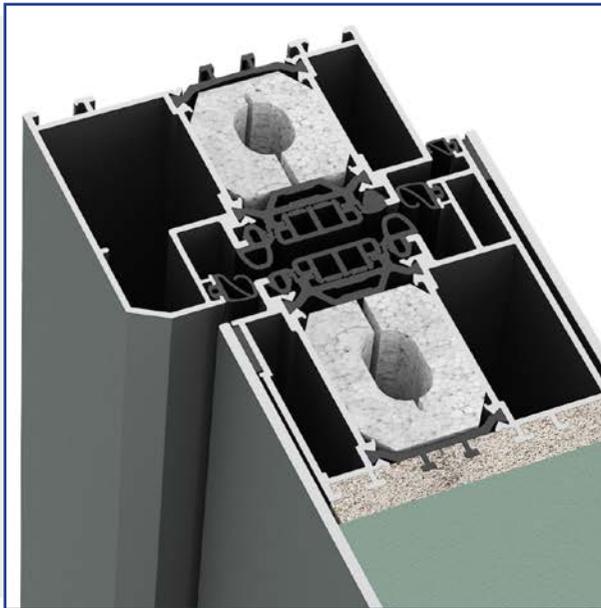
QD 90 DC



THE BEST

in thermal insulation,
sound-proofing,
wind permeability, and
water leakage.

QD 90 DC 3



ONE STEP BETTER THAN THE BEST!

High Line door system offers two different application options:

QD 90 DC

With 95 mm (3.74") wide fixed frame and 75 mm (2.95") aluminum door panel insert, provides highest level of energy efficiency.

The concealing structure of the door panel on the interior and the exterior disguises the door leaf profile and gives a splendid, aesthetic and modern look.

QD 90 DC 3

The 95 mm (3.74") wide fixed frame, direct 3 points gasket pressure, profiles with thermal breaks and 88 mm (3.47") thick aluminum sandwich door panel insert place this model over the top in means of thermal insulation, sound-proofing, wind permeability and water leakage.

Concealed leaf profiles from both sides provide a elegant, modern, and aesthetic view. Narrow look of the fixed frame meets expectations of minimalistic design enthusiasts.

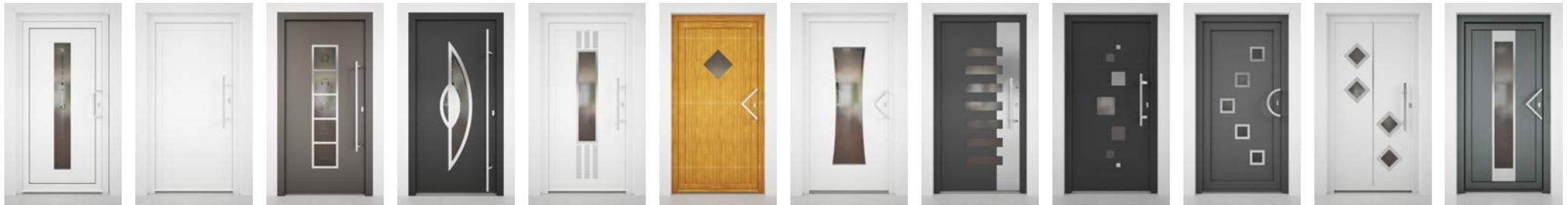


HIGH LINE

QUALIDO HIGH LINE | QD 90 DC & QD 90 DC 3 PANEL OPTIONS:



Jersey Lancaster Nice Nancy Chester Como Calais Memphis Metz Marbella Norwich Tenedos



Hershey Redding Santander Corsica Atlanta Richmond York Austin Tampa Hampton Albany Essex



Werder Bergamo Wiesenburg Pescara

GLASS DECORATION OPTIONS



EXTRA CLEAR GLASS



ORNAMENT 504



CLEAR & SATINATED



SATINATED

FRONT LINE

PERFECT COMBINATION OF STORE FRONT AND ENTRANCE DOOR



Front Line door system allows particularly economical, efficient, modern and plug-on implementation of elegant entrance door strips with store fronts/façades.

With its slender elevations, this intricate door solution has the outward appearance of mullion/transom design. At the same time a selection of different cover shells opens up numerous design options.

Highlights:

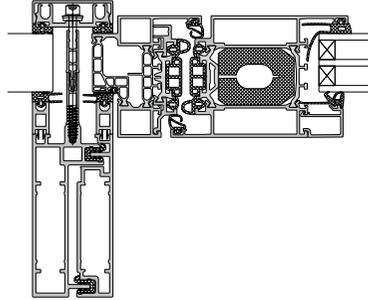
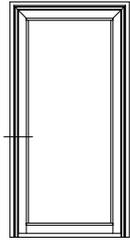
- Perfect combination of store fronts and QUALIDO door systems except for High Line series.
- Plug-on system.

At the entrance of this house, Front Line Door with QD 75 DC is integrated to QUALISYS Façade System. The door panel design is NICE, with Clear & Satinated glass decoration.

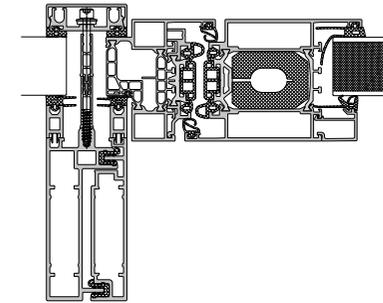
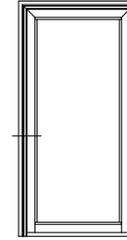
FRONT LINE

COMBINATION WITH QUALIDO PRODUCTS

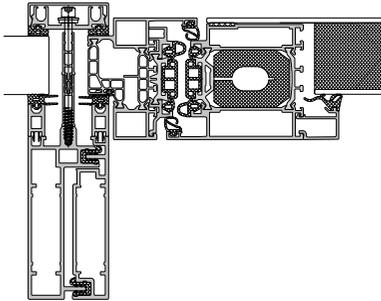
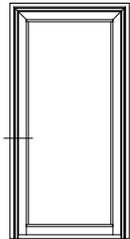
OD 75 FR CL



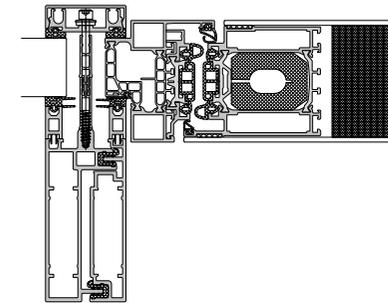
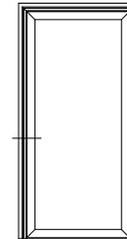
OD 75 FR SL



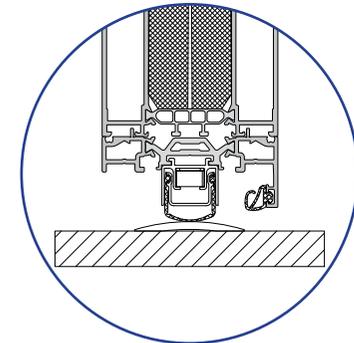
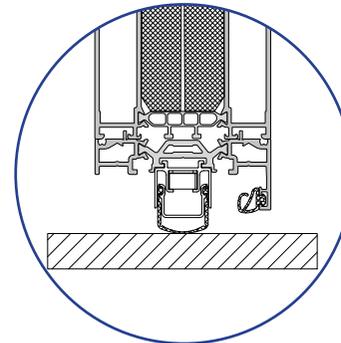
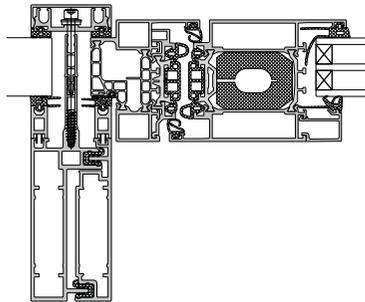
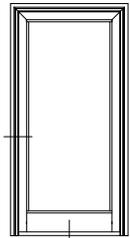
OD 75 FR CS



OD 75 FR DC



OD 75 FR BF



BF LINE

SPECIAL CARE, SPECIAL DOOR

QUALISYS
doors | windows

The versatile QUALIDO door system satisfies not only the demands for modern, aesthetical doors but also specific requirements for special ones.

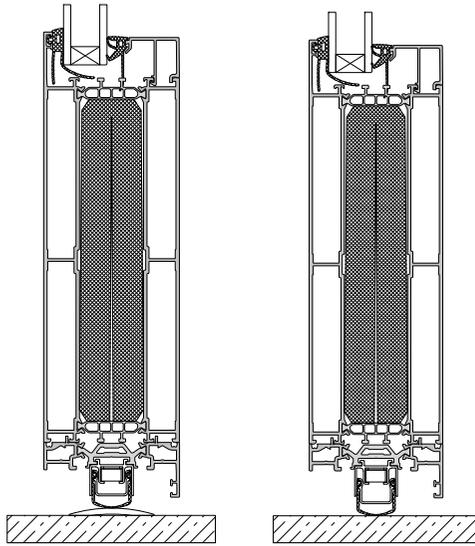
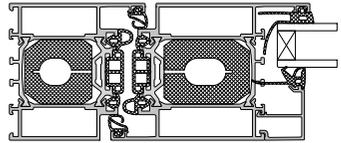
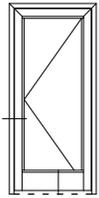
BF Line is a derivative QUALIDO product with a special ground seal and a flush or semi-circular threshold enabling a barrier free entrance. The ground seal under the bottom rail profile on the leaf, automatically lowers when the door is closed to prevent air permeability, water leakage and to sustain thermal insulation.



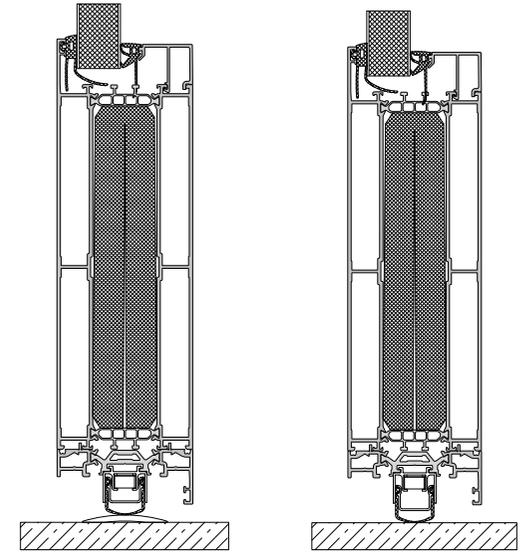
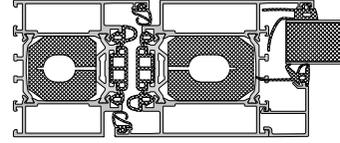
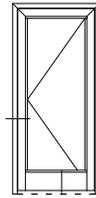
BF LINE

BF LINE DOOR OPTIONS

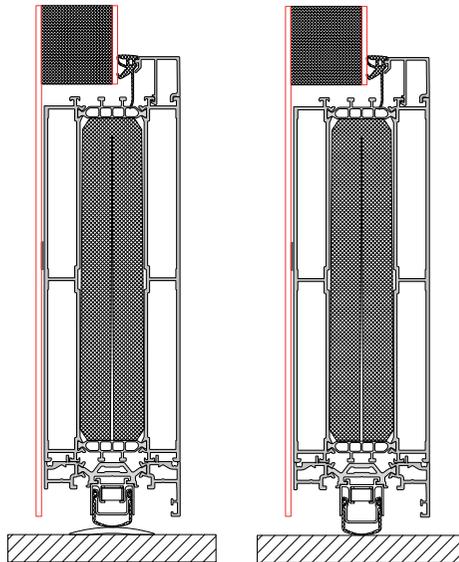
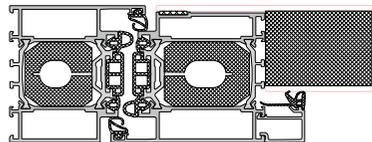
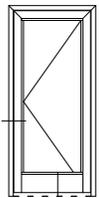
OD 75 BF CL



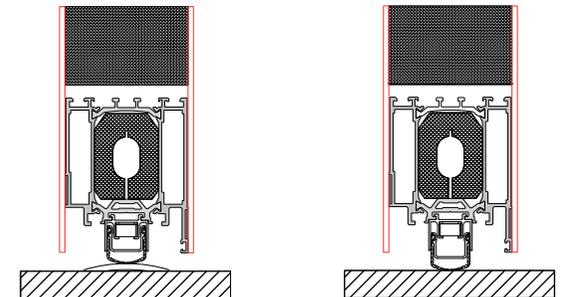
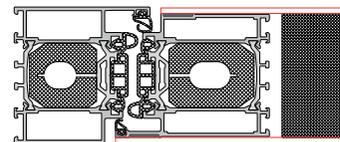
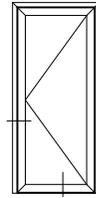
OD 75 BF SL



OD 75 BF CS



OD 75 BF DC







QUALITY IN ITS
MOST BEAUTIFUL FORM

QUALIDO SUPPLEMENTARY UNITS
QUALIDO SUPPLEMENTARY UNITS

DOOR PANELS

THE KEY TO INDIVIDUAL AESTHETICS

There are a wide variety of door panel design alternatives for QUALIDO. Since we manufacture decorative door panels in-house, you may either select a design from the available models or create a unique design according to your taste. If you have adequate time to have your personalized door, please contact QUALISYS team and share a CAD file of your design. We will discuss the applicability of it and then together, we may realize your dream door. It will be a great pleasure and honor for us to be a part of your individual experience.

Each door panel can be powder coated to various colors or laminated with different patterns. Please refer to colors section of this catalogue for color and lamination options.



Jersey

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Lancaster

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Nice

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Nancy

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3

DOOR PANELS

DOOR PANELS
THE KEY TO INDIVIDUAL AESTHETICS



Chester

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3



Como

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3



Calais

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3



Memphis

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3



Metz

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3



Marbella

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3



Norwich

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3



Tenedos

OD 75 SL
OD 75 CS
OD 75 DC
OD 90 DC
OD 90 DC 3

DOOR PANELS

THE KEY TO INDIVIDUAL AESTHETICS



Hershey
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3



Redding
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3



Santander
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3



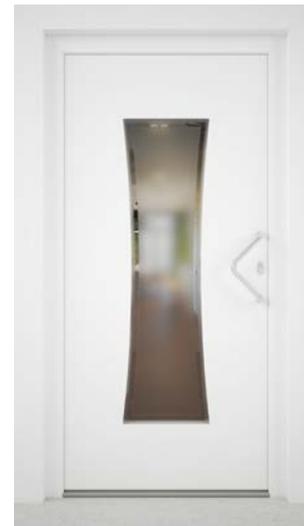
Corsica
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3



Atlanta
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3



Richmond
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3



York
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3



Austin
 QD 75 SL
 QD 75 CS
 QD 75 DC
 QD 90 DC
 QD 90 DC 3

DOOR PANELS

DOOR PANELS
THE KEY TO INDIVIDUAL AESTHETICS



Tampa

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Hampton

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Albany

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Essex

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Werder

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Bergamo

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Wiesenburg

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3



Pescara

QD 75 SL
QD 75 CS
QD 75 DC
QD 90 DC
QD 90 DC 3

DOOR PANELS
THE KEY TO INDIVIDUAL AESTHETICS



Denver
OD 75 CL



Olympia
OD 75 CL



Modena
OD 75 CL



Monroe
OD 75 CL



Parma
OD 75 CL



Genova
OD 75 CL

Each door panel can be powder coated to various colors or laminated with different patterns. Please refer to colors section of this catalogue for color and lamination options.

GLASS DECORATIONS

GLASS DECORATION OPTIONS

You can choose the glass to portion of your door among four different decoration options, according to your taste, purpose of use or the privacy level you prefer. All glasses we use are tempered to provide extra strength and safety.



EXTRA CLEAR GLASS



ORNAMENT 504



CLEAR & SATINATED



SATINATED

HANDLES
PULL HANDLES

With their well thought-out ergonomic geometry, the high-quality door handles sit perfectly in the hand. The elaborately machined, smoothed and polished surfaces not only look smart but are also exceptionally pleasant to hold. Fine engineering, first-class materials and sophisticated workmanship ensure comfortable handle operation and lasting reliability.



E5012	E5012DR	E5119C	E5511	E5606	E5716	E5718	E5014	A5100	A5200	A5310	E5215	E5311	E5600
are available at the below lengths													
23.62" (600 mm)	31.50" (800 mm)	19.68" (500 mm)	31.50" (800 mm)	16.06" (400 mm)	13.78" (350 mm)	11.81" (300 mm)	23.62" (600 mm)	11.81" (300 mm)	11.81" (300 mm)	11.81" (300 mm)	11.81" (300 mm)	11.81" (300 mm)	15.35" (390 mm)
47.24" (1200 mm)	39.37" (1000 mm)	31.50" (800 mm)	63" (1600 mm)	27.44" (700 mm)	25.59" (650 mm)	18.50" (470 mm)	47.24" (1200 mm)						
63" (1600 mm)		47.24" (1200 mm)											
70.87" (1800 mm)													

HANDLES

PUSH HANDLES

As well as the door system and the panel design, handles play an important role in the general appearance and functioning of the door. For QUALIDO we prefer the products of leading German vendors to meet expectations of a stylish and durable push handle at SK 2 security level.



E150F



E138GF



E1400F



E1138F



E1313G



E150GF2



E1400GF2



E1138GF2



E1313G-3357N



E138GF-3357N



E538G-3357N



E554-3357N



E86G-3346



E86G-3357N

HINGES

The overall appearance of QUALIDO is rounded off by large selection of high-quality, stylish push handles, pull handles and rosettes. Likewise, the door hinges need not only to offer excellent performance but also to impress visually.

With QUALIDO, you can choose between sophisticated barrel hinges and classical surface (screw-on) hinges - in a variety of materials and surface finishes, such as stainless steel, anodized or powder-coated RAL colors.



Barrel Hinge

Highlights:

- Made of extruded aluminum or stainless steel.
- Directly mounted in frame and leaf.
- Suitable for inward and outward opening.
- Adjustable in four directions with door leaf mounted.
- Depending on the door design and dimensions, max. load capacity: 330 lbs (150 kg.)



Surface (Screw-on) Hinge

Highlights:

- Made of extruded aluminum.
- Mounted on the surfaces of frame and leaf.
- Suitable for inward and outward opening.
- Without raising or removing the leaf, adjustable in 6 directions.
- Depending on the door design and dimensions, max. load capacity: 396 lbs (180 kg.)

CYLINDER & KEYS

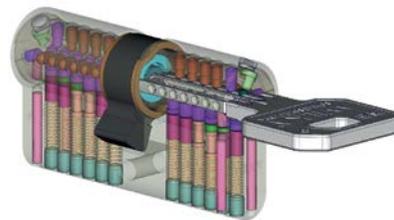
CYLINDER & KEYS

To fulfill high security requirements, we equip our door security systems with high quality WILKA lock cylinders. WILKA has solutions available for different locking and intrusion blocking questions



Primus HX

- The cylinder for highest security requirements. Reversible-keying-cylinder equipped with maximum mechanical features as protected and registered individual locking with registration card.
- Highest degree of copy protection.
- Anti-picking pin-enhanced security against unauthorized opening methods.
- Hardened steel insert counteracts attempts to tear cylinder off.
- Anti-drilling protection due to solid metal pins



System 3VE

- Drilling protection due to one core and one housing
- Special bar-bell pin against picking force.
- Highest degree of copy protection.
- Predetermined breaking point for forced opening trials.
- Sea water resistant design.



TH 6

- Special pins against picking resistance.
- Drilling protection due to one core pin made of hardened steel.
- Highest degree of copy protection.
- Sea water resistant design.

LOCKS

As all SCHÜCO door systems are tested and certified up to resistance class RC3, the door features can be adapted to the security requirements in each case. Our reversible latches and latch bolts are, of course, secured against backward pressure, and our multi-point locking system with an automatic latch bolt offers maximum security.

Highlights:

- Alternatives; with exposed or concealed hinge side.
- Easily upgraded to burglar resistance.
- Top German quality with reliable operation and minimal maintenance requirements.
- Corrosion resistance class 5 in accordance with EN 1670.

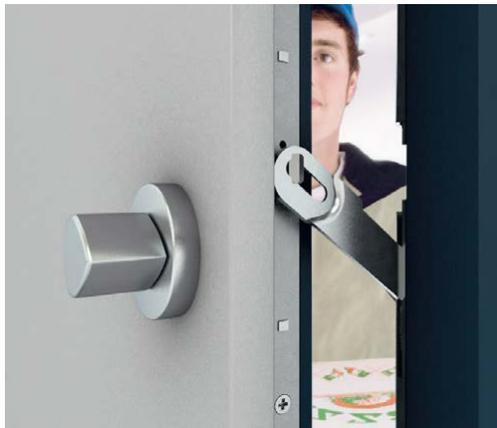
QUALIDO offers locks in 4 main types:

MANUAL LOCKS: The mechanism is activated by the manual movement of the lockcylinder via the key to lock or unlock the door. Locking is not only an action to sustain security but also an important measure to ensure tight closing for energy efficiency.

ENTRY GUARD: The system takes the place of door chains. Door can be opened just enough to hold a conversation but prevent entry. The concealed fitting looks more stylish than old-fashioned door chains and does not damage the door surface. It releases immediately when the key is used to open the door from outside or when unfastened using the entry guard knob.

AUTO LOCKS: This mechanism is developed to eliminate the risk of forgetting to lock. Simply pulling the door closed, mechanically activates the extension of an automatic bolt that triggers a secure locking operation.

ELECTRONIC LOCKS: An electric motor automatically locks the door when the door is closed. The door is unlocked using a remote control or any other contactless electronic safe access system such as Bluetooth or biometric devices like fingerprint reader or retina scanner for enhanced security. In emergency cases, when there is power failure, keyless solutions permit manual opening with a key from the outside.



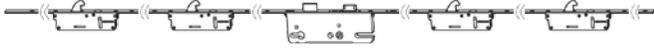
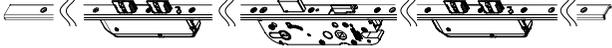
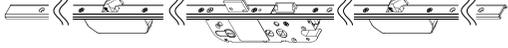
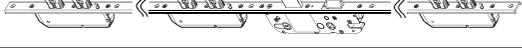
Entry Guard



Solid Hook & Bolt

LOCKS

LOCKS TYPES

Lock Type	Art. Code	Description	Function	
Manual Locks	OD-LM-2PCL	2 Points Combi Lock	A combination of solid hook and bolt in addition to a central lock.	
	OD-LM-4PH	4 Points Lock	Main deadbolt accompanied with four hooks.	
	OD-LM-17PCL	17 Points Lock	Two solid hooks with claw action, twelve safe bolts and the central deadbolt.	
	OD-LM-2PEG	2 Points Entry Guard	Two safe bolts and a central lock accompanied with Entry Guard system.	
Auto Locks	OD-LA-2PB	2 Points Auto Lock	Two latchbolts and the central dead bolt locks automatically when the door is closed.	
	OD-LA-4PB	4 Points Auto Lock	The main deadbolt with four latchbolts, automatically locks upon closing the door.	
	OD-LA-2PH	2 Hooks Auto Lock	Two strong hooks are automatically locked by the mechanism activated by the door closing.	
	OD-LA-6PB	6 Points Auto Lock	Six latchbolts automatically locks when the door is closed.	
Electronic Locks	OD-LE-2PM	2 Points Electromechanical Lock	Two combi locks, automatically locks. Automatically unlocks by an electric motor.	
	OD-LE-2PE	2 Points Electronic Lock	Two combi locks automatically locks and unlocks by an electric motor.	

Electronic multipoint locks can be equipped with various access control systems:

- Selfmatic Comfort: Remote Control
- Selfmatic Comfort Plus: Pin Code Keyboard
- Selftronic: Bluetooth connection with mobile devices
- Selftronic Biometric: Fingerprint Scanner
- Selftronic Biometric Plus: Retina Scanner



RETINAL SCAN







In this apartment, OW 75 CL fixed and tilt & turn window and OW 75 AL with sidelite are used.

HIGHEST STANDARDS OF
EFFICIENCY,
FUNCTIONALITY AND
CREATIVE FREEDOM

QUALIXWIN
QUALIXWIN

QUALIWIN: QUALISYS WINDOW SYSTEM
ARCHITECTURAL ELEGANCE COMBINED WITH ENERGY EFFICIENCY

QUALISYS
doors | windows



In this room on the left QW 75 CL Comfort Line Tilt&Turn and Fixed windows, on the right QW 75 Access Line Door with sidelite are used.

QUALIWIN

FOR THE HIGHEST STANDARDS OF EFFICIENCY,
FUNCTIONALITY AND CREATIVE FREEDOM

Despite its minimal profile depth, QUALIWIN is highly thermally insulated and meets the requirements of the German Energy Saving Ordinance (EnEV) 2016. At the same time, this modular system allows you to implement maximum overall sizes and very high sash weights.

Highlights:

- Narrow profile widths.
- Elegant design options for architects.
- Internal glazing bead.
- High pane weights possible.
- Durable, low-maintenance functionality.
- Variable thermal insulation.
- Up to passive house suitability.
- Effective soundproofing, optimum indoor climate.
- Effective protection against burglary.
- Constructions for smoke and fire protection.

COMFORT LINE WINDOW | QW 75 CL

A WIDE RANGE OF APPLICATIONS AND MODERN THERMAL INSULATION WITH ELEGANT CONTOURS

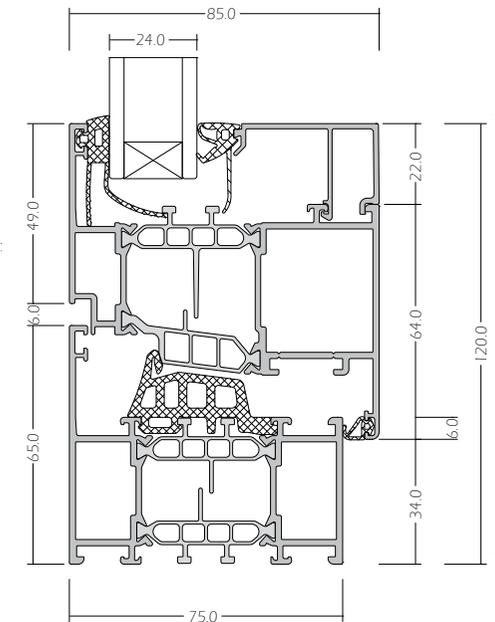
QUALISYS
doors | windows



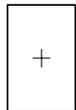
For single cavity windows and window strips, Comfort Line Window is an expedient – and economical – solution for most projects thanks to its straight elevations. This versatile window type impresses both with its sophisticated, timeless appearance and with its modern thermal insulation and reliable operation.

Highlights:

- Frame & sash visible frameline: 120 mm (4.72").
- Highly thermally insulated aluminum window design with a profile depth of 75 mm (2.95") frame or 85 mm (3.35") sash; sash lap on the room side 10 mm (.39").
- Intelligent modular system with a modular structure for different requirements regarding thermal insulation.
- Highly thermally insulated center seal gasket with vulcanized corner gaskets.
- Circumferential EPDM rebate sash gasket.
- For information about glass options, please refer to the glass section of this catalogue.



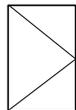
OPENING TYPES QW 75 CL - QW 75 TL



Fixed glazing



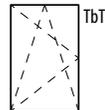
Inward opening



Turn,
outward-opening



Turn-tilt window



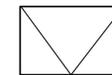
Turn tilt window
Tilt before turn



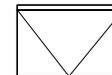
Side-hung,
outward-opening



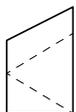
Bottom hung window



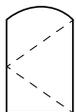
Tilt, outward-opening



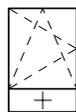
Top-hung,
outward-opening



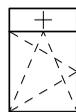
Slanted window,
turn



Semi-circular
arched window, turn



Turn-tilt window with
fixed lowlite



Turn-tilt window with
fixed toplite



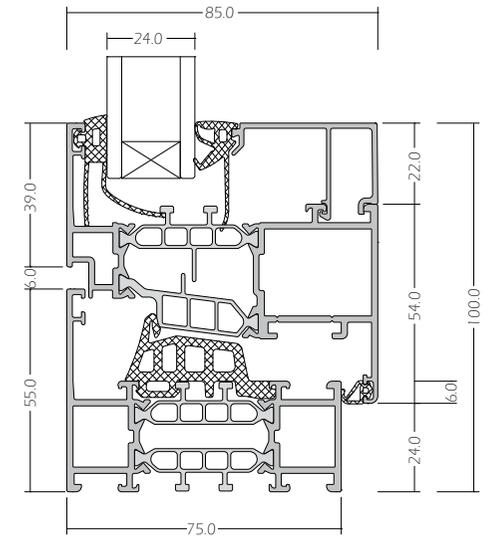
Side-hung window with
fixed lowlite



If the thermal and structural performance of Comfort Line Window is required with less visible frame line, the solution is: Trend Line Window.

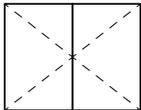
Highlights:

- Visible frame line of sash & frame in total: 85 mm - 100 mm* (3.35" - 3.94")
- Highly thermally insulated aluminum window design with a profile depth of 75 mm (2.95") frame or 85 mm (3.35") sash. Sash lap on the interior is only 10 mm (3/8").
- Intelligent modular system with a modular structure for different requirements regarding thermal insulation.
- Highly thermally insulated center seal gasket with vulcanized corner gaskets.
- Circumferential EPDM rebate sash gasket.
- For information about glass options, please refer to the glass section of this catalogue.

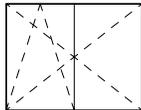


* Availability of the system is dependent on conditions of use, floor height, climate, wind load and the dimensions of the window..

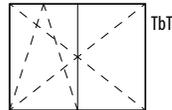
OPENING TYPES QW 75 CL - QW 75 TL



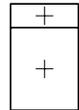
French window
(turn/turn)



French window



French window
(tilt-before turn/turn)



Fixed glazing with
fixed toplite



Fixed glazing with
toplite tilt



Turn-tilt window with
toplite tilt



Bottom hung window with
fixed lowlite

FINE LINE WINDOW | QW 75 FL

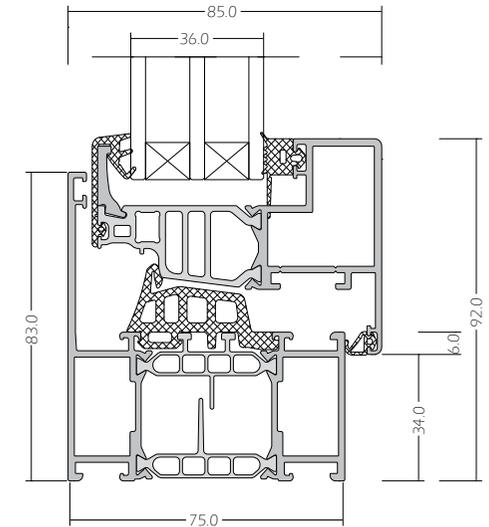
HIGH TRANSPARENCY THANKS TO INVISIBLE SASHES



In QUALIDO Fine Line series, the integrated window sashes are not discernible as such from the outside. In façades, these windows impress with especially thin sightlines and sophisticated transparency. From the inside, they achieve their effect thanks to a linear appearance with no exposed fittings or visible joints in the glazing beads.

Highlights:

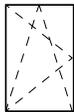
- Total visible frame line of sash and frame is 83 mm (3.27") for the outside and 92 mm (3.62") for the inside.
- Highly thermally insulated aluminum window design with an integrated sash. Profile depth of the frame is 75 mm (2.95") and the sash lap on the interior is 10 mm (.39").
- Highly thermally insulated center seal gasket with limit stop on a hollow chamber profile insulating bridge on the sash side.
- Circumferential EPDM rebate sash gasket.
- Sash glazing on the outside with a vulcanized EPDM frame gasket.
- For information about glass options, please refer to the glass section of this catalogue.



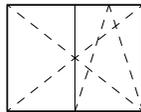
OPENING TYPES



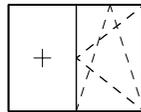
Fixed glazing



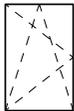
Turn-tilt window



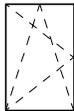
French window



Fixed & Turn tilt window



Turn tilt window
Tilt before turn



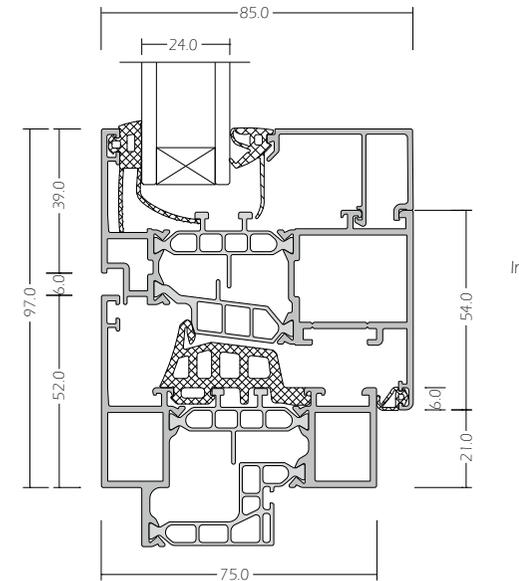
French window
Tilt before turn



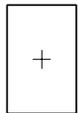
Front Line Window allows particularly economical implementation of elegant window strips with sore fronts / façades. With its slender elevations, this intricate window solution has the outward appearance of mullion/transom design. At the same time a selection of different cover shells open up numerous design options.

Highlights:

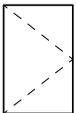
- Perfect combination of store fronts and windows.
- Plug-on system.
- Glass thickness up to 58 mm (2.28"). Glass weight up to 600 kg (1,323 lbs).
- Suitable for passive houses, IFT guideline WA 15/2
- Water tightness static RE 1200, dynamic 250 Pa / 750 Pa (EN 12154)
- Air permeability class AE (EN 12152)
- Resistance to wind load 2.4 kN/m² permitted load or 3.6 kN/m² increased load (EN 12179)
- Bullet resistance up to FB 4-NS
- Burglar resistance WK 1 / WK 2 / WK 3 (ENV 1627)
- For information about glass options, please refer to the glass section of this catalogue.



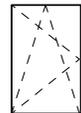
OPENING TYPES



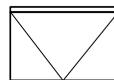
Fixed glazing



Side-hung window



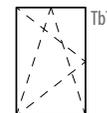
Turn-tilt window



Top-hung,
outward-opening



Bottom hung window



Turn tilt window
Tilt before turn

GATE LINE WINDOW DOOR | QW 75 GL

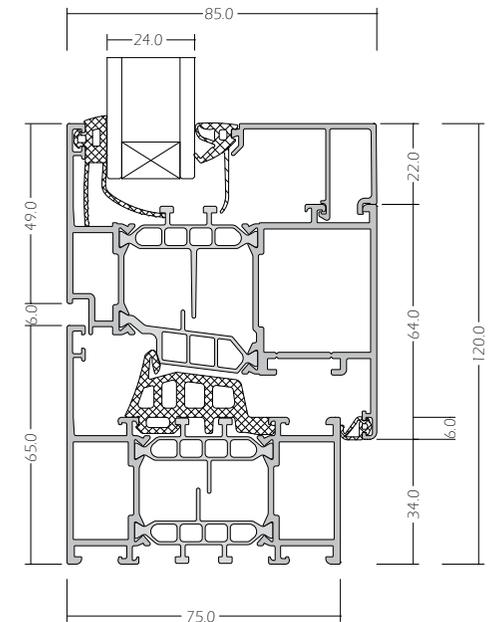
ALL IN ONE: MORE LIGHT, THERMAL INSULATION, SECURITY AND FUNCTIONALITY

QUALISYS
doors | windows

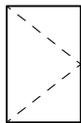
Floor-to-ceiling windows fill rooms with light and open up a view to the outside. QUALISYS offers an elegant alternative: Gate Line Window Door.

Highlights:

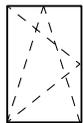
- Window in the appearance of a door.
- Highly thermally insulated aluminum window design with a profile depth of 75 mm (2.95") frame or 85 mm (3.35") sash; sash lap on the room side 10 mm (.39").
- Intelligent modular system with a modular structure for different requirements regarding thermal insulation.
- Highly thermally insulated center seal gasket with vulcanized corner gaskets.
- Circumferential EPDM rebate sash gasket.
- For information about glass options, please refer to the glass section of this catalogue.



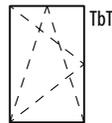
OPENING TYPES



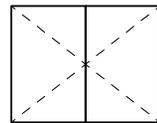
Inward opening



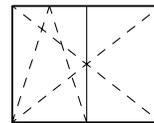
Turn-tilt window



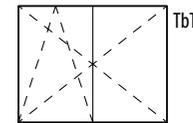
Turn tilt window
Tilt before turn



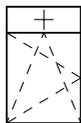
French window
(turn/turn)



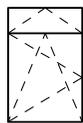
French window



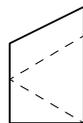
French window
(tilt-before turn/turn)



Turn-tilt window with
fixed toplite



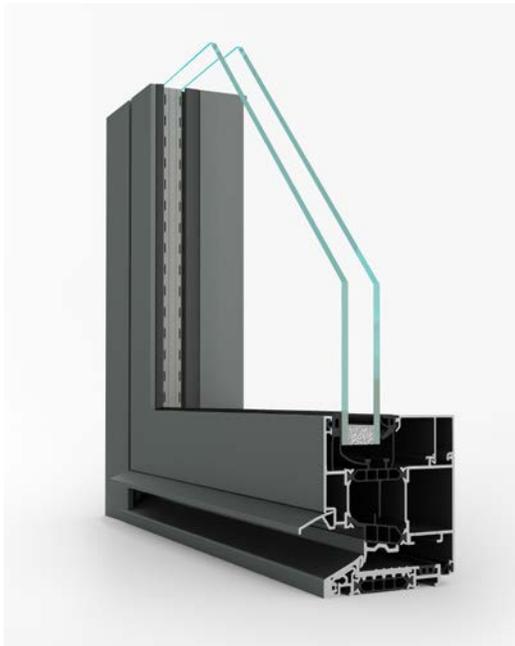
Turn-tilt window with
toplite tilt



Slanted window,
turn



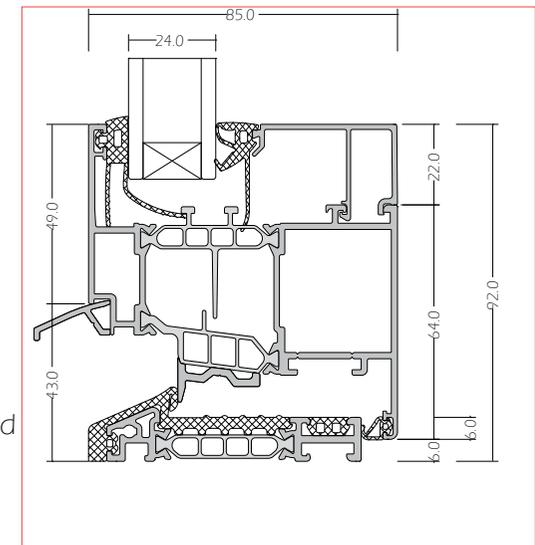
Semi-circular
arched window, turn



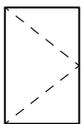
Front Line Window allows particularly economical implementation of elegant window strips with store fronts / façades. With its slender elevations, this intricate window solution has the outward appearance of mullion/transom design. At the same time a selection of different cover shells open up numerous design options.

Highlights:

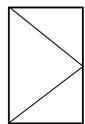
- Perfect combination of store fronts and windows.
- Plug-on system.
- Glass thickness up to 58 mm (2.28"). Glass weight up to 600 kg (1,323 lbs).
- Suitable for passive houses, IFT guideline WA 15/2
- Water tightness static RE 1200, dynamic 250 Pa / 750 Pa (EN 12154)
- Air permeability class AE (EN 12152)
- Resistance to wind load 2.4 kN/m² permitted load or 3.6 kN/m² increased load (EN 12179)
- Bullet resistance up to FB 4-NS
- Burglar resistance WK 1 / WK 2 / WK 3 (ENV 1627)
- For information about glass options, please refer to the glass section of this catalogue.



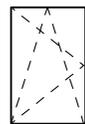
OPENING TYPES



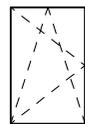
Inward opening



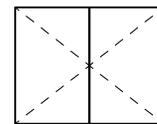
Turn,
outward-opening



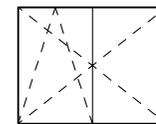
Turn-tilt window



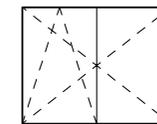
Turn tilt window
Tilt before turn



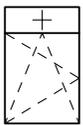
French window
(turn/turn)



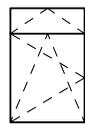
French window



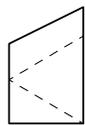
French window
(tilt-before turn/turn)



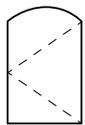
Turn-tilt window with
fixed toplite



Turn-tilt window with
toplite tilt



Slanted window,
turn



Semi-circular
arched window, turn





HIGHEST QUALITY WINDOW
HANDLES & FITTINGS
FOR DISCERNING
AESTHETICS AND
RELIABLE FUNCTION

HANDLES



With their well thought-out ergonomic geometry, the high-quality windows handles sit perfectly in the hand. The elaborately machined, smoothed and polished surfaces not only look smart but are also exceptionally pleasant to hold. Well-engineered solutions, high-quality materials and first-class workmanship ensure comfortable handle operation and lasting reliability.

Highlights:

- Exclusive, modern design
- High-quality materials
- QUALISYS's "Made in Germany" quality
- Surfaces are very finely smoothed and intricately finished
- Excellent fit in hand and comfortable touch

The handles are available not only in aluminum, white or stainless-steel finish but also in any desired RAL-color on request. In addition to the window handles, QUALISYS's handle series also includes matching handles for doors.



Z 921675	Z 921680	Z 921681	Z 921683	Z 921684	Z 921685	Z 921686	Z 921687	Z 921688	Z 921689	Z 921690	Z 921691	Z 921692
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FITTINGS

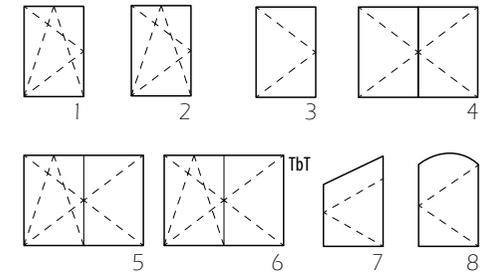
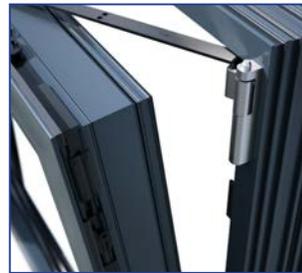
FITTINGS



QUALISYS window fittings leave nothing to be desired, not only in their fabrication but also in their “application” and maintenance. In conjunction with high-quality branded fittings from Geermay, QUALISYS guarantees the reliable operation of QUALISYS window solutions.

Highlights:

- Alternatives; with exposed or concealed side hinge.
- Easy upgrade to burglar resistance.
- Top German quality with reliable operation and minimal maintenance requirements



Opening Type	In a concealed design				In an exposed design			
	Max. Sash Weight kg (lbs)	Max. Sash Width mm (inch)	Max. Sash Height mm (inch)	Burglar Resistance Up To Class	Max. Sash Weight kg (lbs)	Max. Sash Width mm (inch)	Max. Sash Height mm (inch)	Burglar Resistance Up To Class
QUALIWIN Inward Opening Windows								
1 Turn-tilt & Tilt-before-turn	180 (397)	1635 (64.37)	2835 (111.6)	RC 3	130 (287)	1635 (64.37)	2835 (111.6)	RC 3
2 Tilt-before-turn	180 (397)	1635 (64.37)	2835 (111.6)	RC 3	130 (287)	1635 (64.37)	2835 (111.6)	RC 3
3 Turn	180 (397)	1635 (64.37)	2835 (111.6)	RC 3	130 (287)	1635 (64.37)	2835 (111.6)	RC 3
4 French Window (turn/turn)	180/130 (397/287)	1635/1635 (64.4/64.4)	2835 (111.6)	RC 2	130/130 (287/287)	1635/1635 (64.4/64.4)	2835 (111.6)	RC 2
5 French Window (turn-tilt/turn)	180/130 (397/287)	1635/1635 (64.4/64.4)	2835 (111.6)	RC 2	130/130 (287/287)	1635/1635 (64.4/64.4)	2835 (111.6)	RC 2
6 French Window (turn-before-tilt/turn)	180/130 (397/287)	1635/1635 (64.4/64.4)	2835 (111.6)	RC 2	130/130 (287/287)	1635/1635 (64.4/64.4)	2835 (111.6)	RC 2
7 Slanted Window, turn	-	-	-	-	80 (176)	1435 (56.50)	2035 (80.1)	-
8 Semi-circular Arched Window, turn	-	-	-	-	80 (176)	1435 (56.50)	1317 (51.9)	-
Gate Line - OW 75 GL / Access Line - OW 75 AL								
1 Turn-tilt	180 (397)	1635 (64.37)	2835 (111.6)	RC 3	130 (287)	1635 (64.37)	2835 (111.6)	RC 3
3 Turn	180 (397)	1635 (64.37)	2835 (111.6)	RC 3	130 (287)	1635 (64.37)	2835 (111.6)	RC 3
4 French Window (turn/turn)	180/130 (397/287)	1635/1635 (64.4/64.4)	2835 (111.6)	-	130/80 (287/176)	1635/1635 (64.4/64.4)	2835 (111.6)	-
5 French Window (turn-tilt/turn)	180/130 (397/287)	1635/1635 (64.4/64.4)	2835 (111.6)	-	130/80 (287/176)	1635/1635 (64.4/64.4)	2835 (111.6)	-





WIDE RANGE OF
DESIGN POSSIBILITIES FOR
THERMALLY INSULATED
SLIDING SYSTEM

QUALISYS SLIDING SYSTEM
QUALISYS SLIDING SYSTEM

QUALISYS SLIDING SYSTEM

With slender elevations and large glass surfaces, QUALISYS sliding series open up diverse creative possibilities for architects and planners. A practical selection of different track schemes – including a “monorail” version with a fixed window area – offers creative scope for the realization of architectural concepts. Exceptional ease of use comes thanks to an entirely new generation of fittings that permit higher sash weights. In addition, thanks to a gear damper, these fittings not only reduce the force required to open the window but also lower the sash softly during closing.



Highlights:

- Compatible with all QUALIWIN and QUALIDO systems.
- Smooth integration into QUALISYS façade construction.
- Elegant design possibilities - slender labyrinth with an elevation width of just 52 mm (2 inches).
- Individual glazing - frame filling thickness of up to 48 mm and sash filling thickness of up to 48 mm.
- Wide range of design possibilities with In-line slide and lift & slide systems, which enable various opening types.
- High thermal insulation.
- Flush threshold can be applied.



SLIDING SYSTEM

SLIDING TYPES

QUALISYS Sliding System offers a wide range of design possibilities:



In-Line Slide

- Sliding Window | OS IL SW
- Sliding Door | OS IL SD
- Pocket Door | OS IL PD
- Minimal Line | OS IL ML



High Line Slide | Lift & Slide

- Sliding Door | OS HL SD
- Minimal Line | OS HL ML

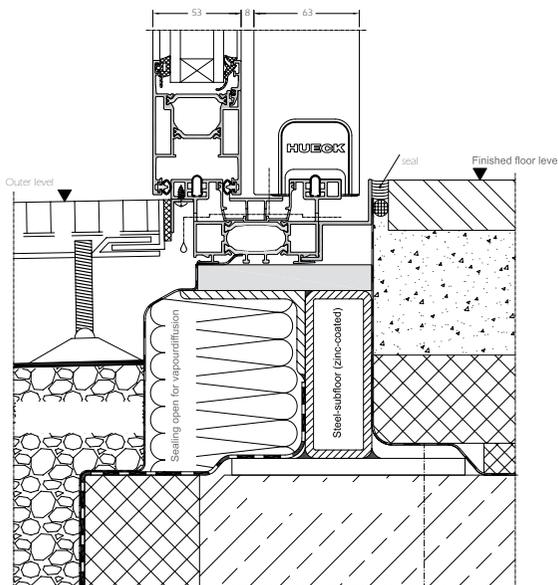
IN-LINE SLIDE

LIGHTWEIGHT, THERMALLY INSULATED SLIDING CONSTRUCTION

With slender elevations and large glass surface, QUALISYS In-Line Slide opens up diverse creative possibilities for architects and planners.

Highlights:

- Profile depths starting from 75 mm (2.95")
- This easy to use sliding system is compatible with all QUALIWIN and QUALIDO systems.
- Smooth integration into QUALISYS façade construction (store fronts).
- The broad range of design variants - in single, double- and triple tracked and "monorail" versions - provides creative freedom for the development of attractive architectural concepts.
- Perfect solution for lightweight sliding windows and sliding doors.
- Wide range of design possibilities.
- Sash weights of up to 200 kg (440 lbs).
- Slender labyrinth with an elevation width of just 35 mm (1.38")
- Filling thickness up to 36 mm (1.42")
- Flush threshold application possible.



IN-LINE SLIDE

IN-LINE SLIDE TYPES

In-Line Sliding System supplies various design possibilities:

SLIDING WINDOW | OS IL SW

- An alternative solution to QUALIWIN or a supplementary product to QUALIDO.
- Plug-on integration into QUALIWIN, QUALIDO and any other QUALISYS products.

SLIDING DOOR | OS IL SD

- A real opportunity for large openings and the greatest transparency with high thermal insulation.
- Compatible with all QUALISYS products.

POCKET DOOR | OS IL PD

- All performance characteristics of an In-Line Sliding Door.
- Sliding and parking the active leaf into the wall brings maximum visibility and opening when needed.

MINIMAL LINE | OS IL ML

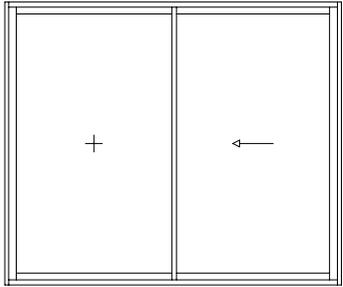
- Ideal for minimal design enthusiasts who do not want to compromise from performance.
- Easy-to-adopt to all QUALISYS products.



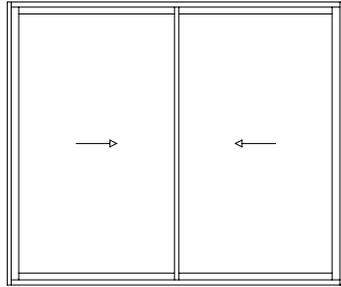
IN-LINE SLIDE

OPENING TYPES

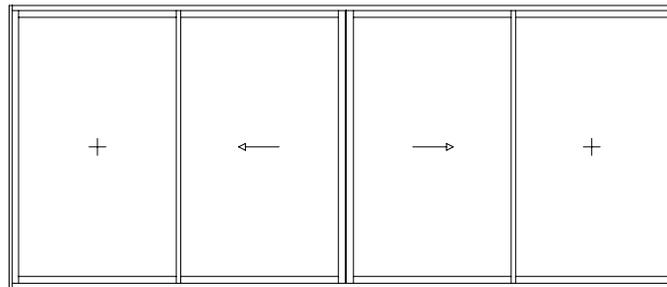
In-Line Sliding Window | OS IL SW



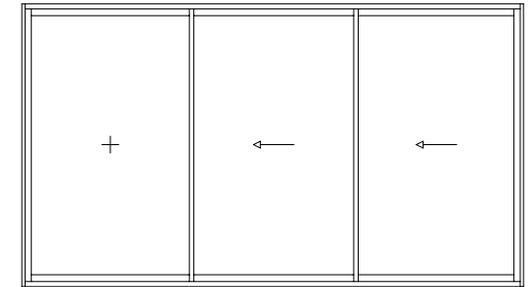
Double tracked system with one sliding sash and one fixed.



Double tracked system with two sliding sashes.

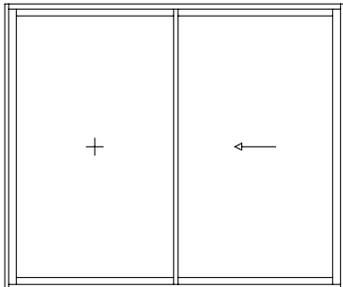


Double tracked system with two sliding sashes in the middle, and one fixed on the right and left each.

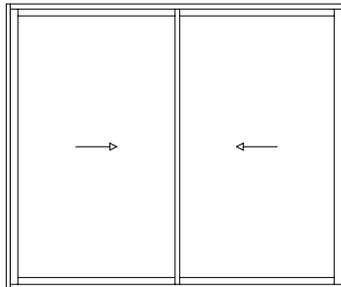


Triple tracked system with two sliding sashes towards the fixed one.

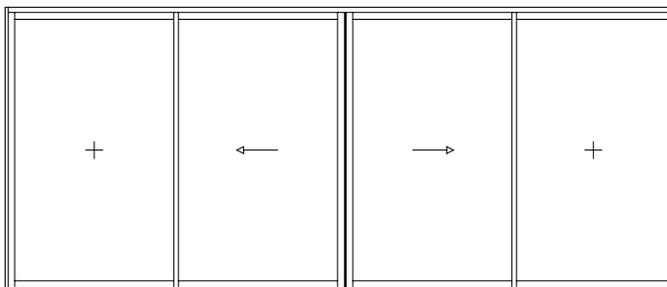
In-Line Sliding Door | OS IL SD



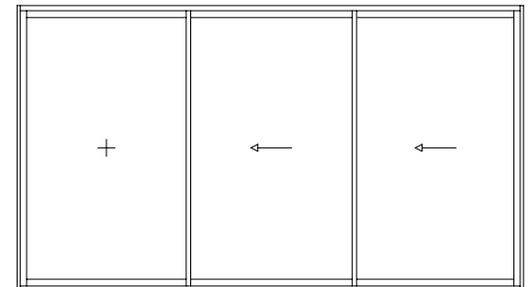
Double tracked system with one sliding sash and one fixed.



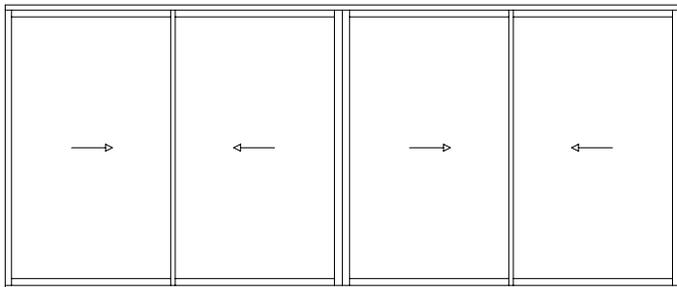
Double tracked system with two sliding sashes.



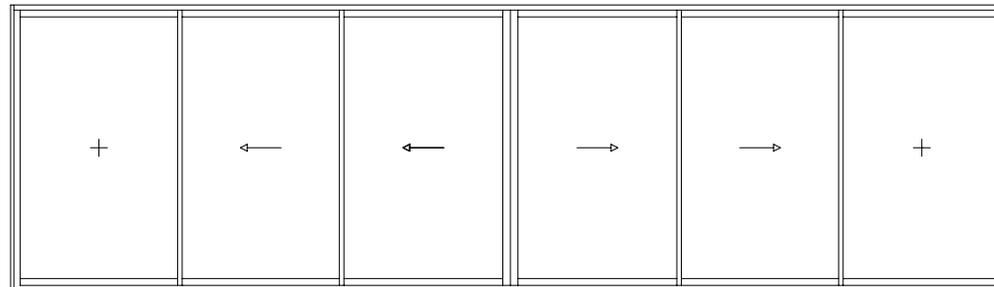
Double tracked system with two sliding sashes in the middle, and one fixed on the right and left each.



Triple tracked system with two sliding sashes towards the fixed one.



Double tracked system with four sliding sashes.

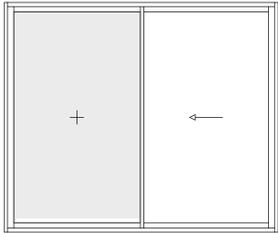


Triple tracked system with six fields. Two fixed sashes are at each end. Two of the sliding sashes move the left whereas the other two move towards right.

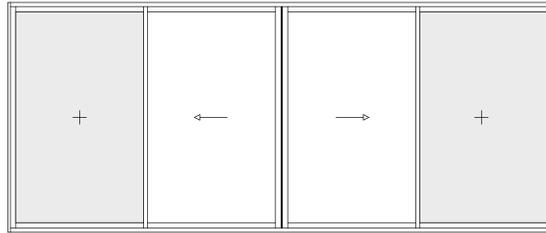
IN-LINE SLIDE

OPENING TYPES

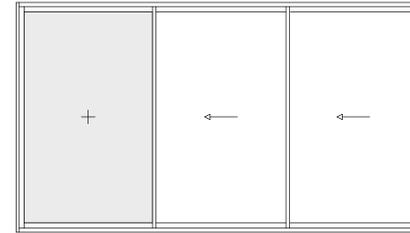
Pocket Door | QS IL PD



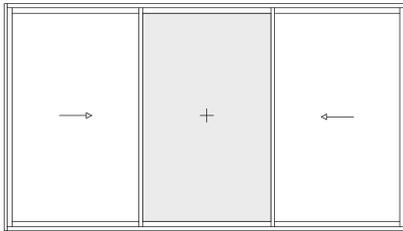
Double tracked system with one sliding sash parking into one side of the wall.



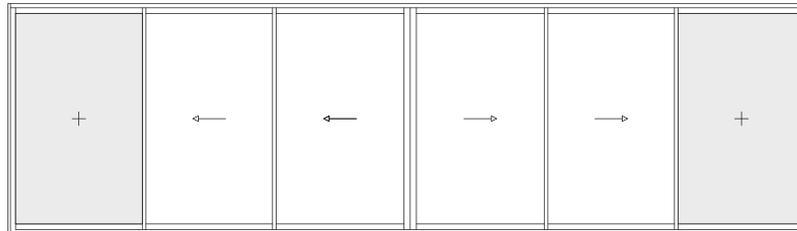
Double tracked system with two sliding sashes in the middle, parking into the wall on the left and right sides.



Triple tracked system with two sliding sashes parking into the wall on one side.

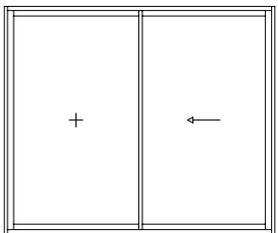


Triple tracked system with two sliding sashes at two sides parking into the middle wall.

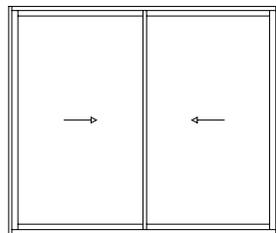


Triple tracked system with six fields. Two of the sliding sashes park into the left wall whereas the other two park into the right.

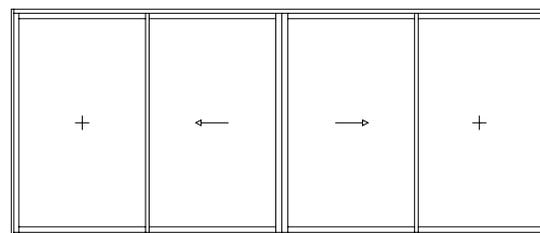
Minimal Line | QS IL ML



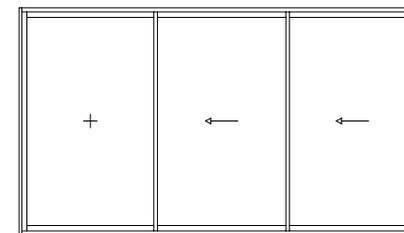
Monorail system with one sliding sash and one fixed.



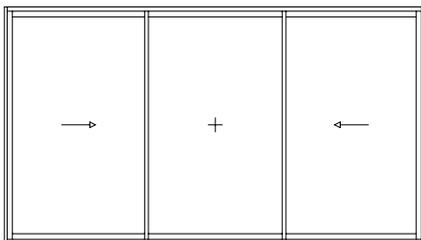
Double tracked system with two sliding sashes.



Monorail system with two sliding sashes in the middle, and one fixed on the right and left each.

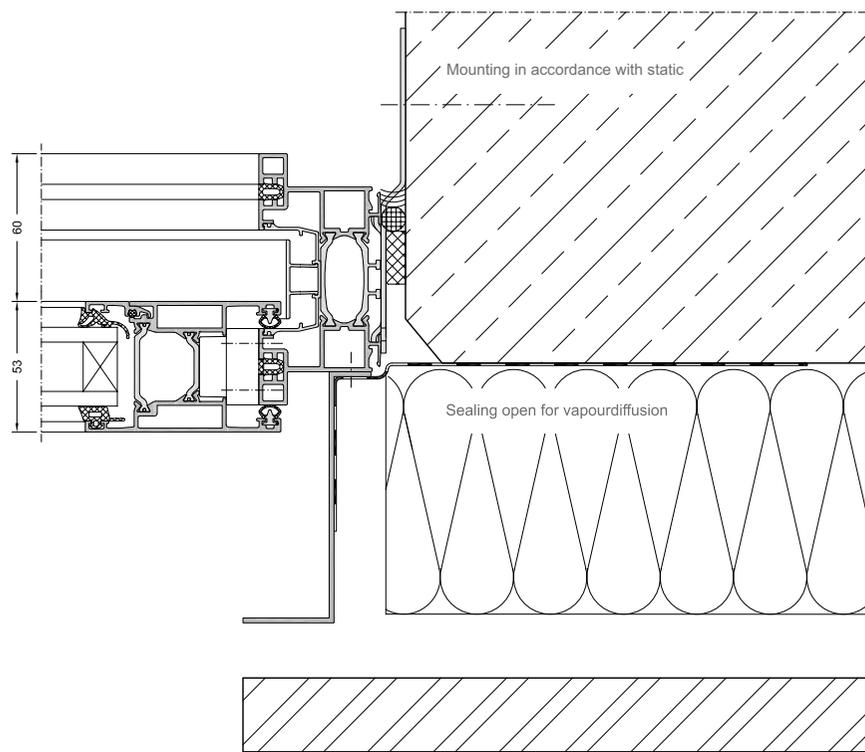


Triple tracked system with two sliding sashes towards the fixed one.

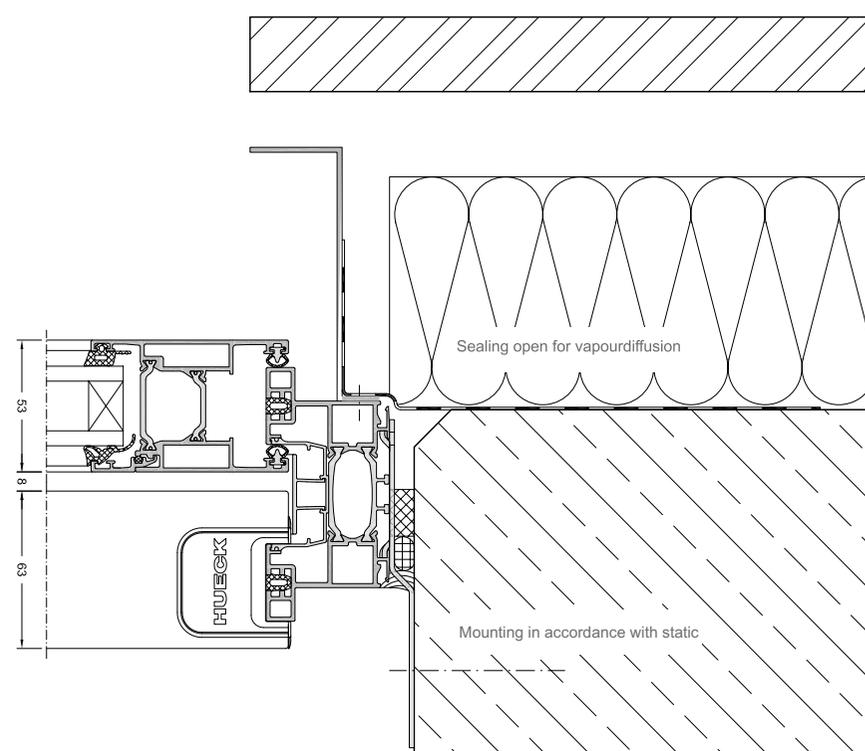


Monorail system with two sliding sashes on the right and left, and the fixed one in the middle.

HORIZONTAL SECTION - LATERAL WALL CONNECTION



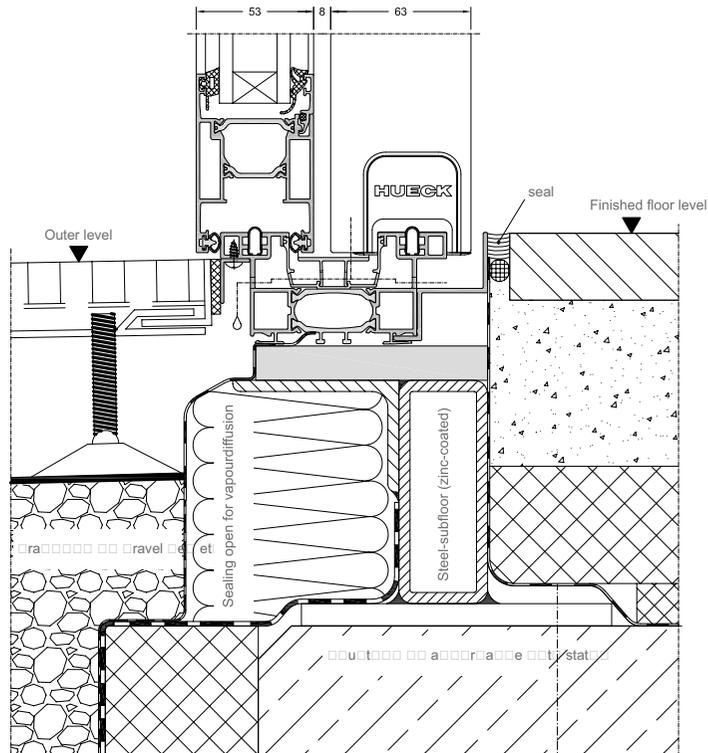
HORIZONTAL SECTION - UPPER WALL CONNECTION



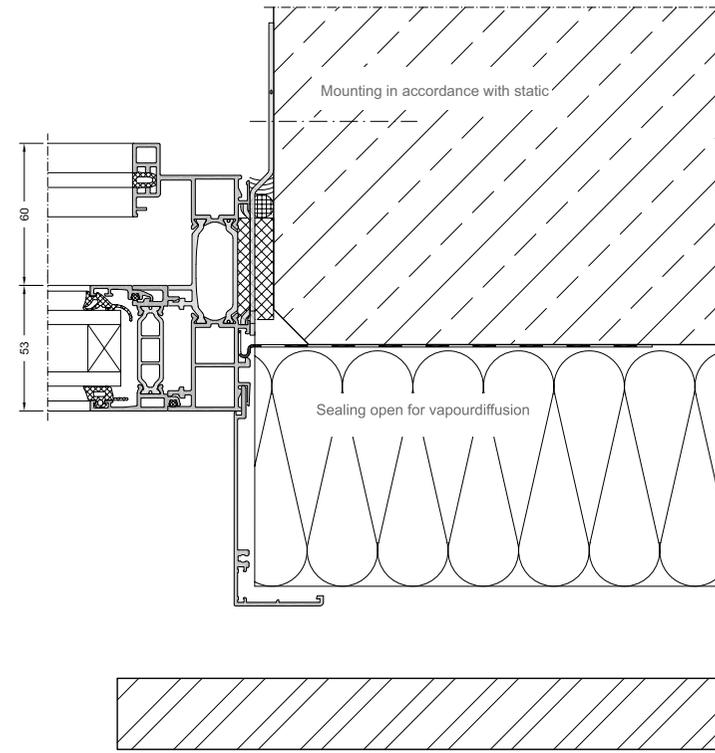
IN-LINE SLIDING

STRUCTURE CONNECTIONS

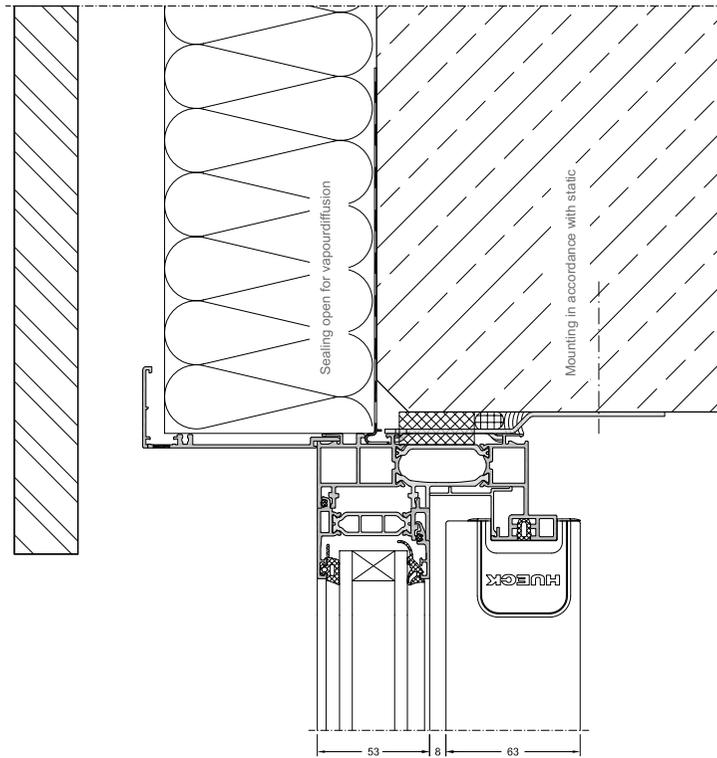
HORIZONTAL SECTION - LOWER WALL CONNECTION



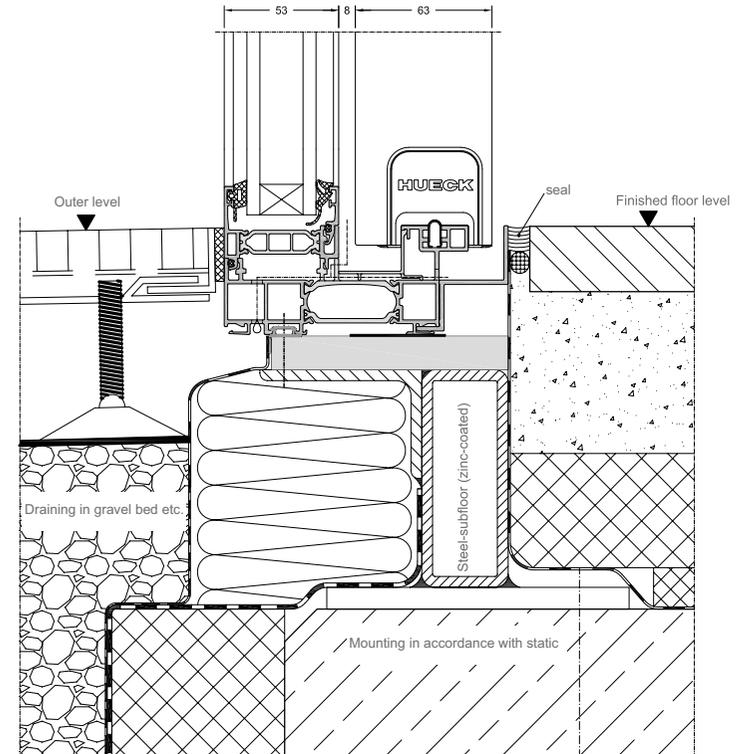
HORIZONTAL SECTION - LATERAL WALL CONNECTION - MONORAIL



HORIZONTAL SECTION - UPPER WALL CONNECTION - MONORAIL



HORIZONTAL SECTION - LOWER WALL CONNECTION - MONORAIL

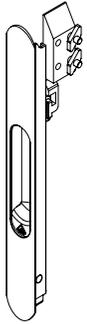


IN-LINE SLIDING

SUPPLEMENTARY UNITS

HANDLES

Recessed Handle Recessed Handle Recessed Handle External Recessed Handle Bow-Type Handle Bow-Type Handle Bow-Type Handle Bow-Type Handle



Z 981609



Z 923181



Z 923193



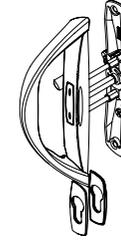
Z 917631



Z 981621



Z 981622



Z 981623

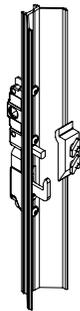


Z 981624

FITTINGS

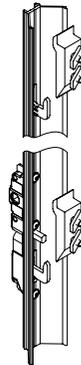
GEAR LOCKS

Single-point locking



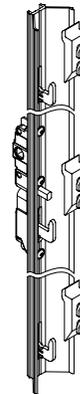
Z 981610

Double-point locking



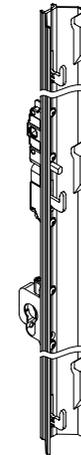
Z 981611

Triple-point locking



Z 981612

Triple-point locking,
with profile cylinder punch hole

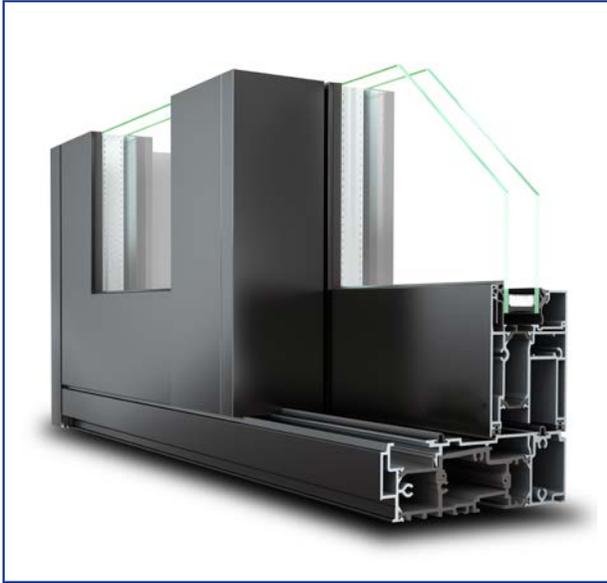


Z 981613

HIGH LINE | LIFT & SLIDE

HIGHLY THERMALLY INSULATED LIFT & SLIDING CONSTRUCTION

QS HL SD



With large glass surfaces and slender elevations, QUALISYS High Line Sliding System opens up broad design freedom for planners and architects. A practical selection of a different track schemes - including a "monorail" version with fixed window area - offers creative scope for the realization of architectural concepts. Exceptional ease of use comes thanks to an entirely new generation of fittings that permit higher sash weights.

In addition, thanks to a gear damper, these fittings not only reduce the force required to open the door but also lower the sash softly during closing.

Highlights:

- Heavy-duty sliding construction; sash height max. 3,000 mm (9.84') by width 3,235 mm (10.61').
- Highly thermally insulated system with large-format pane dimensions.
- One or two tracked options.
- Optimum thermal insulation with triple glazing up to a sash weight of 400 kg (881 lbs).
- Optional electrical drive possible.
- Creative freedom with optional minimal frame line for more sophisticated, modern and aesthetic architecture.
- Flush threshold application possible.
- Reinforced labyrinth-profiles depending on the static value.

QS HL ML

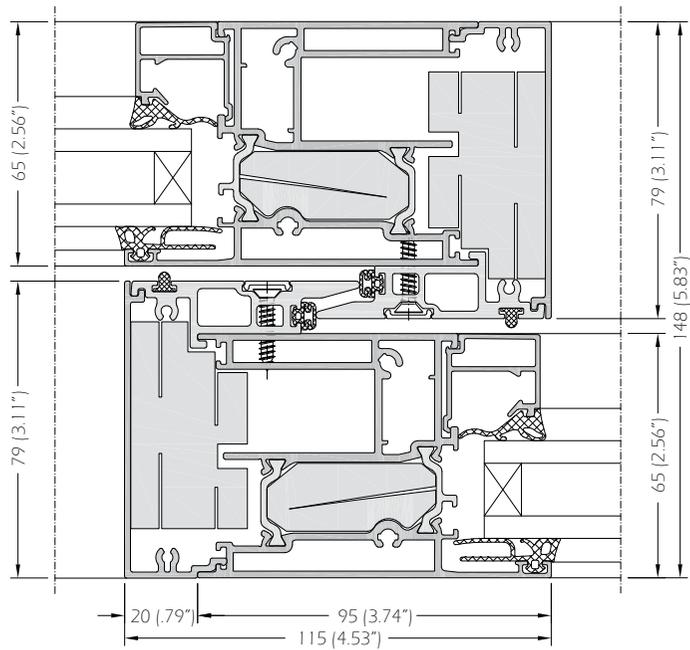
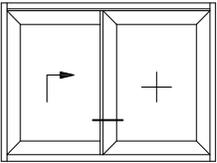


HIGH LINE SLIDING

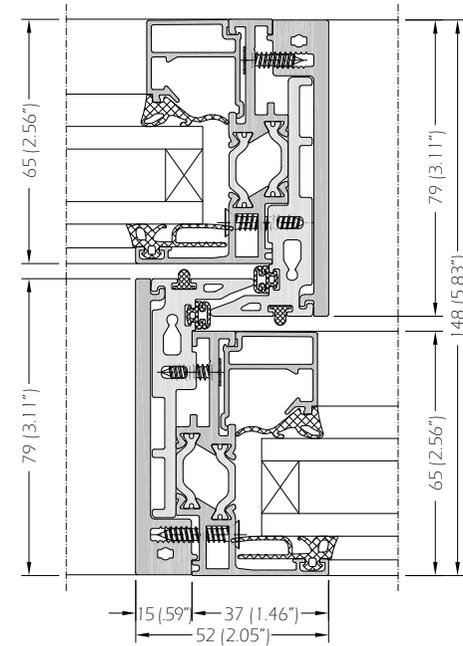
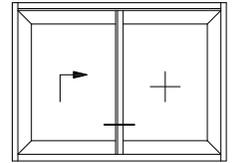
SUPPLEMENTARY UNITS

QUALISYS High Line sliding door series offers narrow labyrinth profile as an alternative to users who prefer less frames and more transparency.

High Line Sliding Door
Labyrinth Cross Section

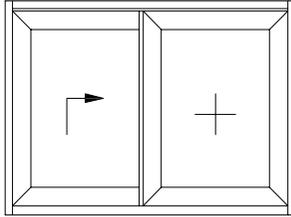


High Line Minimal Line
Labyrinth Cross Section

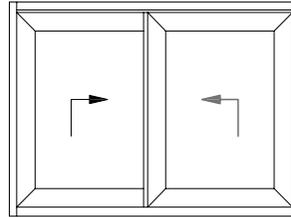


OPENING TYPES

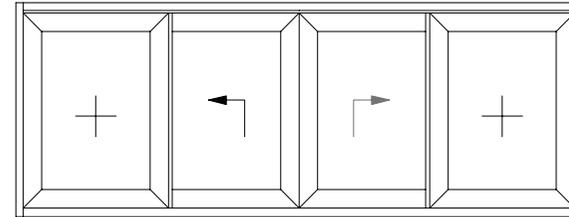
OS HL SD Opening Types



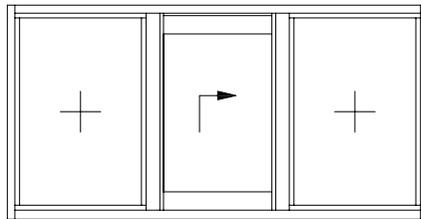
Double tracked system with one sliding sash and one fixed.



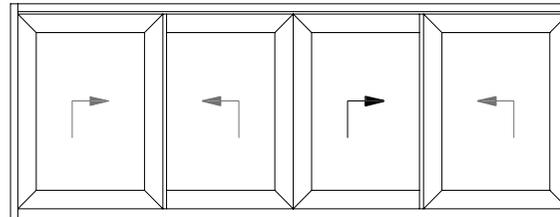
Double tracked system with two sliding sashes.



Double tracked system with two sliding sashes in the middle, and one fixed on the right and left each.

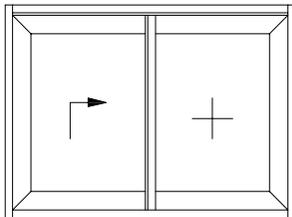


Monorail system with one sliding sash in the middle and two fixed on the right and left each.

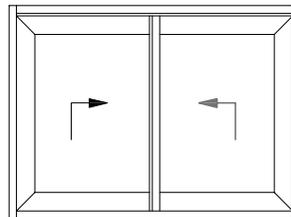


Double tracked system with four sliding sashes.

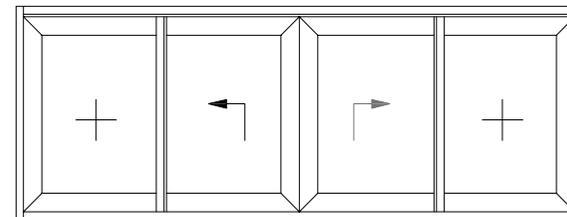
OS HL ML Opening Types



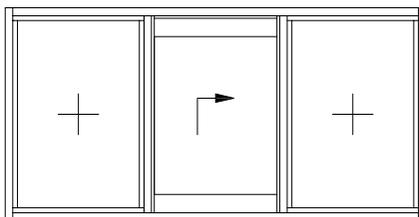
Monorail system with one sliding sash and one fixed.



Double tracked system with two sliding sashes.



Monorail system with two sliding sashes in the middle, and one fixed on the right and left each.



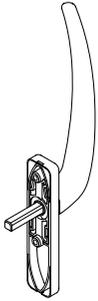
Monorail system with one sliding sash in the middle and two fixed on the right and left each.

HIGH LINE SLIDING

SUPPLEMENTARY UNITS

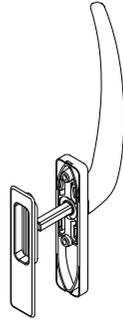
HANDLES

Z 997711

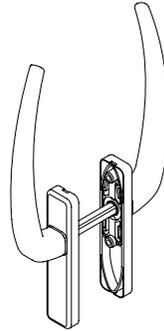


Handle inside

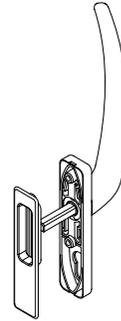
Z 917554

Handle inside and
handle recess outside

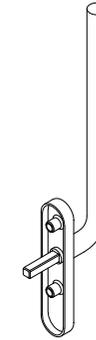
Z 918939

Handle inside and outside
for inactive sash

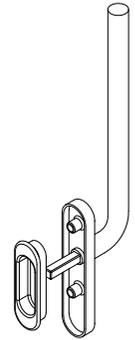
Z 917555

Handle inside and handle
recess outside for profile cylinder

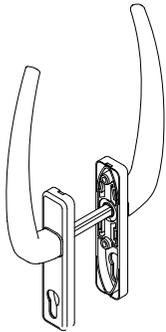
Z 997710

Handle inside
with concealed screwing

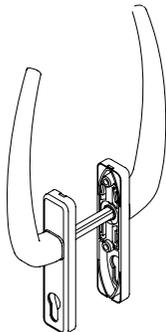
Z 917559

Handle inside and
handle recess outside

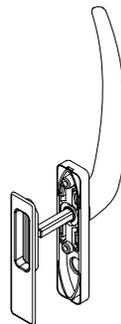
Z 917556

Handle inside and outside
for profile cylinder

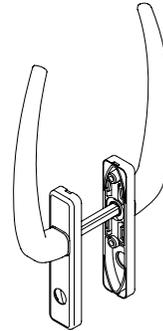
Z 917075

Handle inside and outside
for profile cylinder (RC 2)

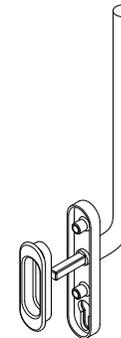
Z 917558

Handle inside for
Swiss round cylinder
and handle recess outside

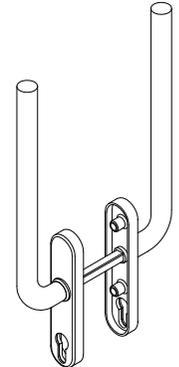
Z 917557

Handle inside and outside
for Swiss round cylinder

Z 917560

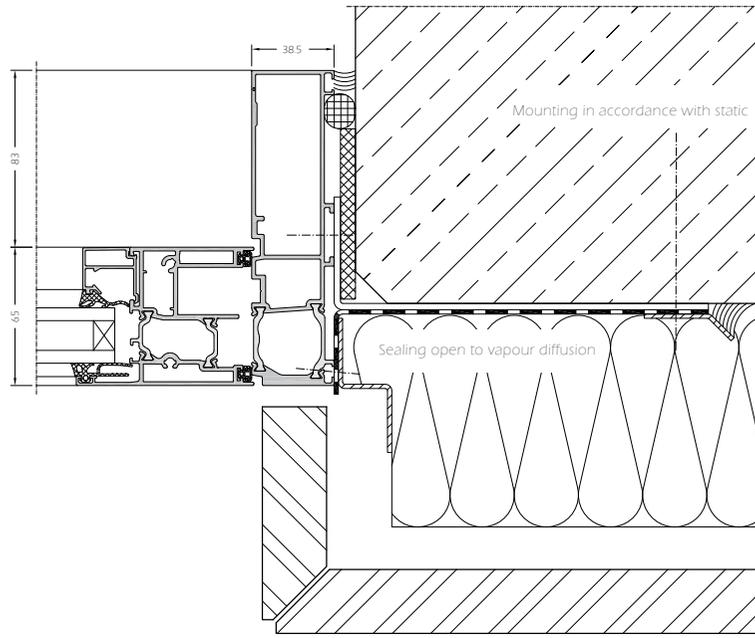
Handle inside for profile cylinder
and handle recess outside

Z 917561

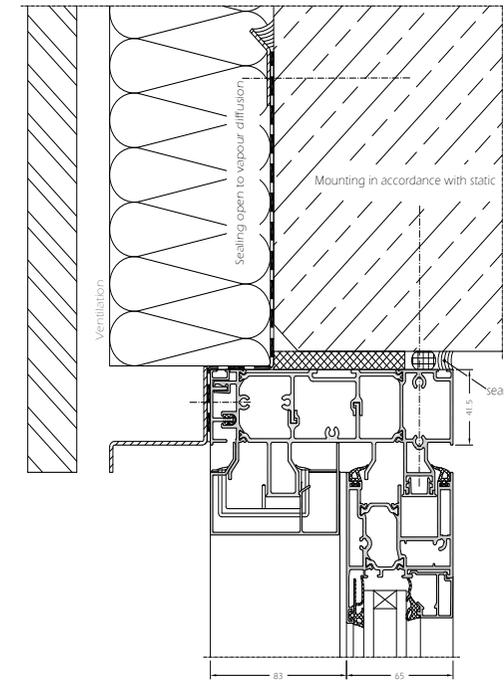
Handle inside and outside
for profile cylinder

STRUCTURE CONNECTIONS

HORIZONTAL SECTION - LATERAL WALL CONNECTION



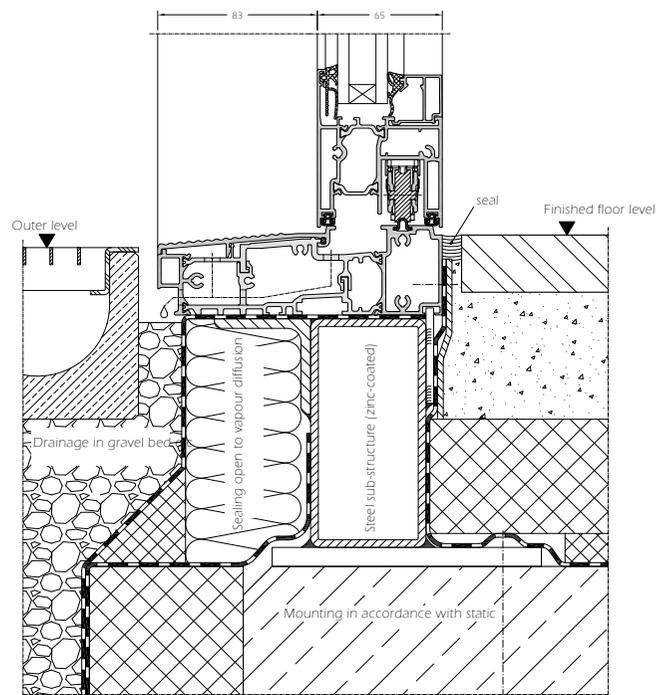
VERTICAL SECTION - UPPER WALL CONNECTION



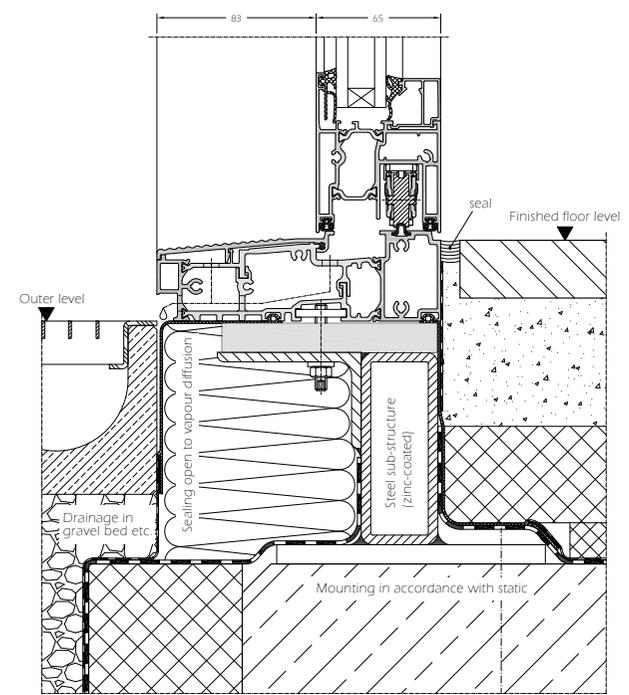
HIGH LINE SLIDING

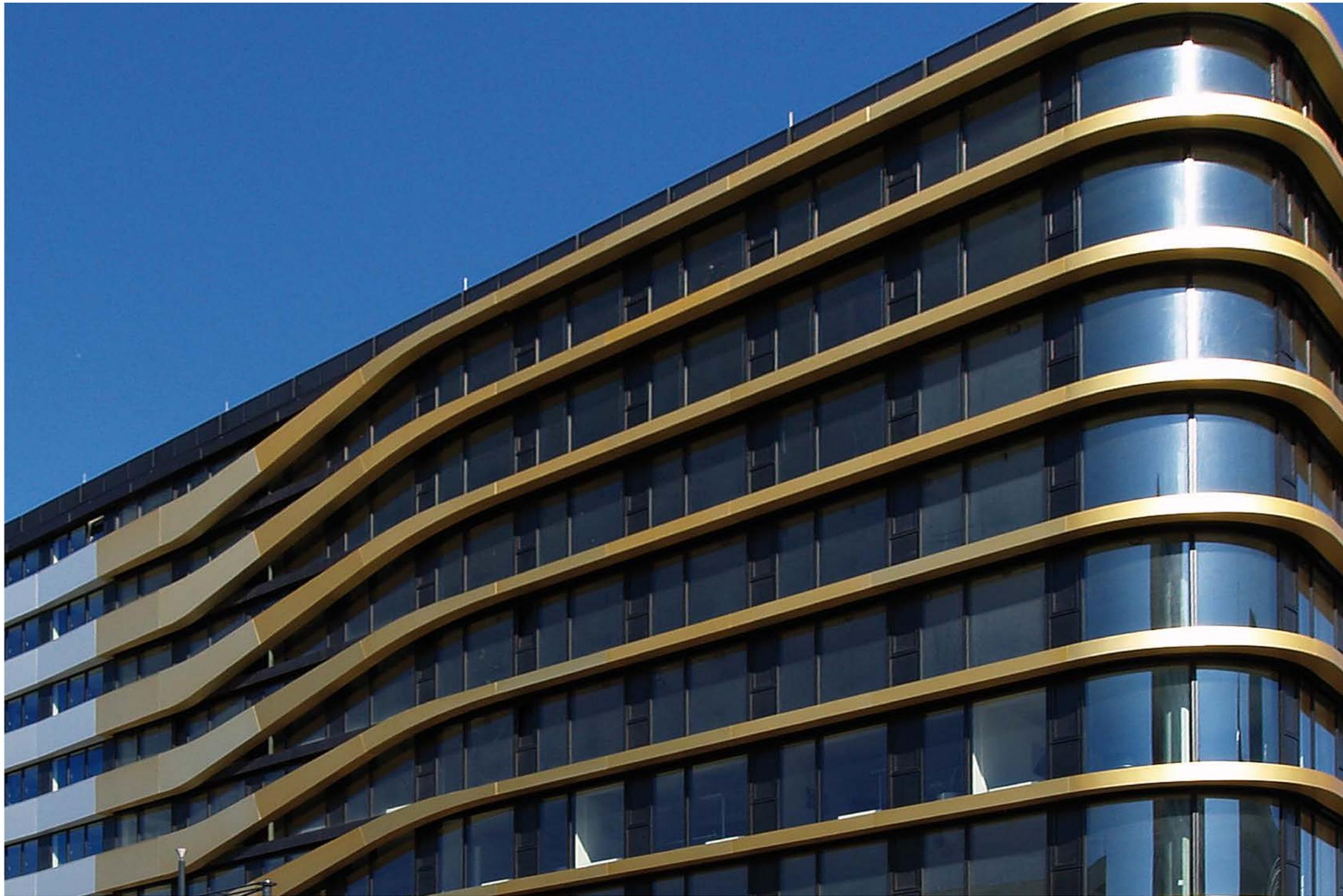
STRUCTURE CONNECTIONS

VERTICAL SECTION - LOWER WALL CONNECTION



VERTICAL SECTION - LOWER WALL CONNECTION







THERMALLY INSULATED,
EASILY INTEGRATED
FAÇADE SYSTEM AT
PASSIVE HOUSE LEVEL

QUALISYS FAÇADE SYSTEM
QUALISYS FAÇADE SYSTEM

QUALISYS FAÇADE SYSTEM

ALUMINUM FAÇADE SYSTEM WITH THERMALLY INSULATED,
EASY-INTEGRATED TO ALL QUALISYS PRODUCTS, EVEN AT PASSIVE HOUSE LEVEL

QUALISYS
doors | windows



With its many decades of experience in the field of modular systems and with major projects, SCHÜCO has become an expert for sophisticated façade constructions. SCHÜCO has extensive expert knowledge from the concept through to its implementation and experience gained from more than 1,000 objects successfully completed throughout the world. This is why SCHÜCO's customers can be sure that they are provided with perfect aluminum façade systems that not only stand out on account of their elegant appearance but are also easy to mount thanks to a great number of standardized components.

Highlights:

- Thermally insulating aluminum façade design as a mullion-transom construction for vertical, slanting, level or polygonal curtain walls.
- Identical profile geometry for mullion and transom.
- Profile elevation width of 50 mm (1.97"), depth from 32 mm (1.26") to 263,5 mm (10.37") depending on static requirements.
- Glass thickness between 4 mm (0.16") and 58 (2.28") mm.
- Easy integration of different insert elements from QUALIWIN, QUALIDO and other QUALISYS products.
- Insulating profiles made of glass fiber-reinforced polypropylene.
- Ideal for floor and ceiling connection as mullion and transom are possible without offsetting.
- Crash-securing glazing without additional parts.
- Thermal transmittance with foamed insulating profiles for increased thermal insulation (EN ISO 10077-2): $U_f 1.0 \text{ W/m}^2\text{K} - 1.4 \text{ W/m}^2\text{K}$

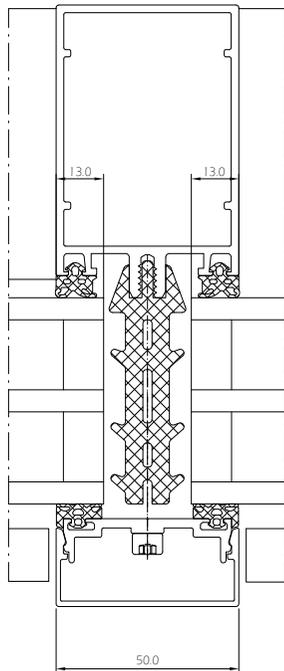
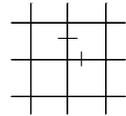
PASSIVE HOUSE FAÇADE

- $UCW = 0.68 \text{ W/m}^2 \text{ K} \leq 0.70 \text{ W/m}^2 \text{ K}$ (in relation to a representative reference element of the dimension 1200 x 3500 mm, glazing with $U_g = 0.7 \text{ W/m}^2 \text{ K}$ and a 8 / 14 / 4 / 14 / 6 mm structure, with a Thermix TX.N spacer, a panel with $U_p = 0.25 \text{ W/m}^2 \text{ K}$ and the partition of the representative reference element as stated in the test report)
- $UCW, \text{ installation} = 0.78 \text{ W/m}^2 \text{ K} \leq 0.85 \text{ W/m}^2 \text{ K}$ is met for the wall system: monolithic masonry with thermal insulation composite system.

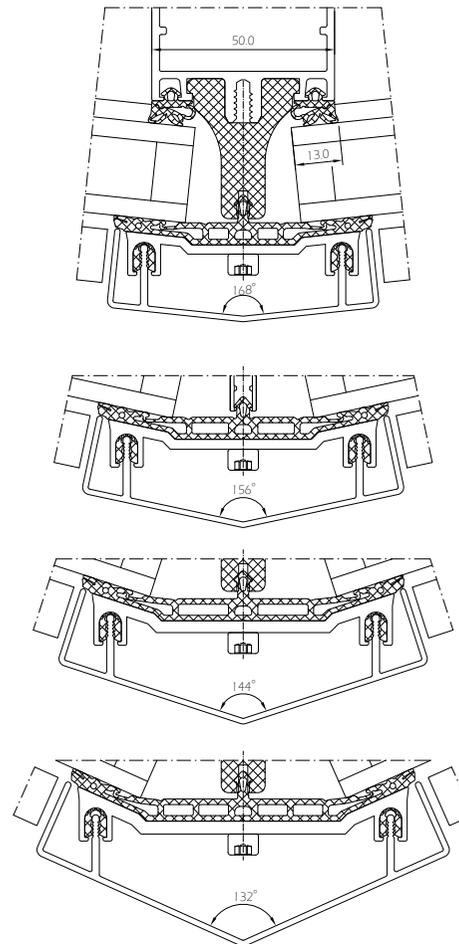
FAÇADE SYSTEM

SAMPLE CROSS SECTIONS

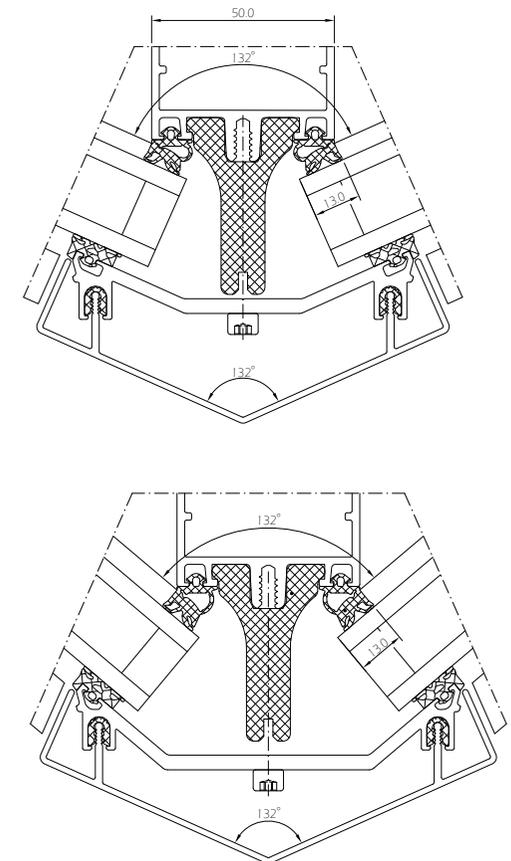
Mullion & Transom Sections



Angular Corner Connection

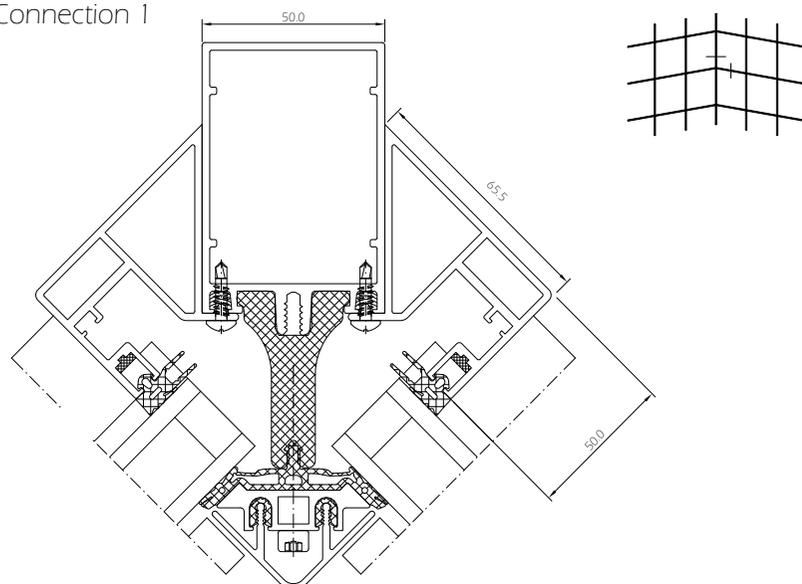


Angular Corner Connection

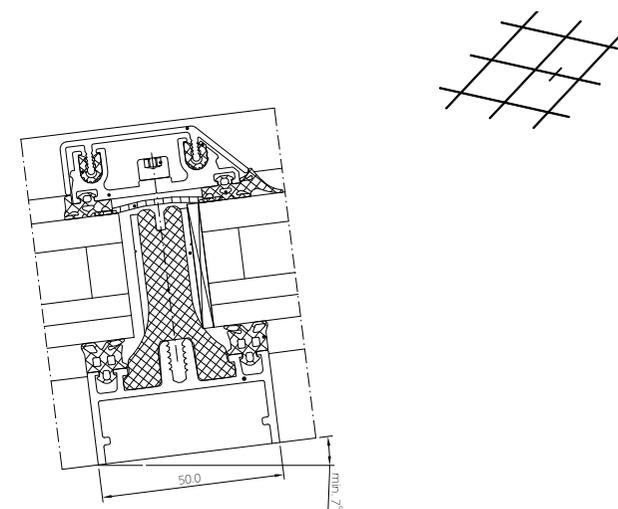


SAMPLE CROSS SECTIONS

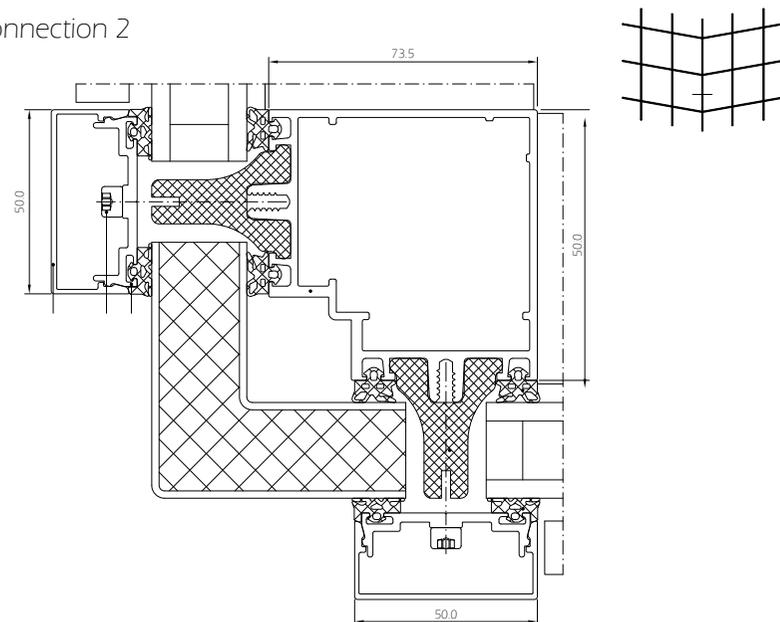
90° Corner Connection 1



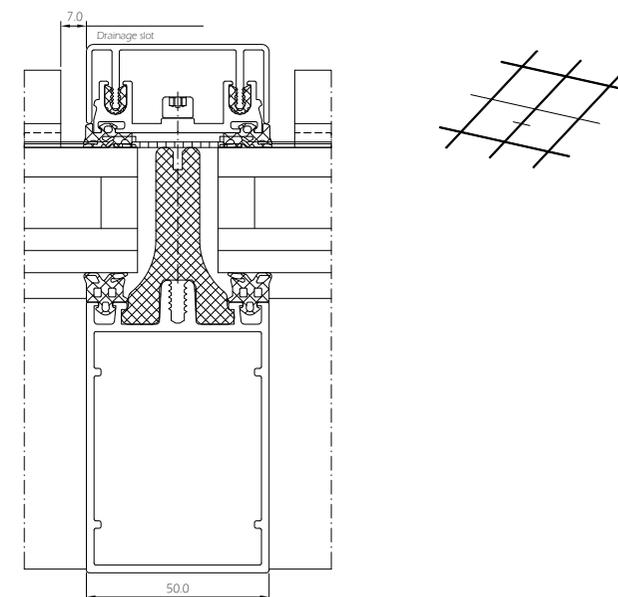
Skylight Section 1 a



90° Corner Connection 2



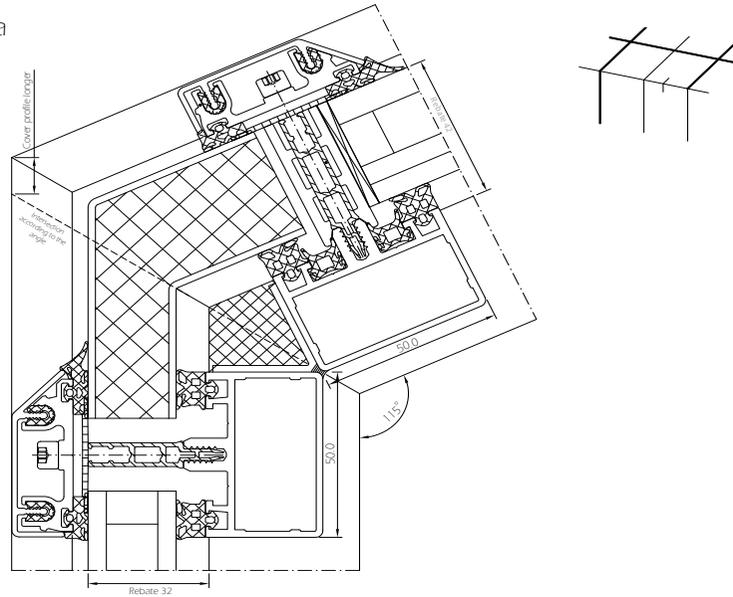
Skylight Section 2 b



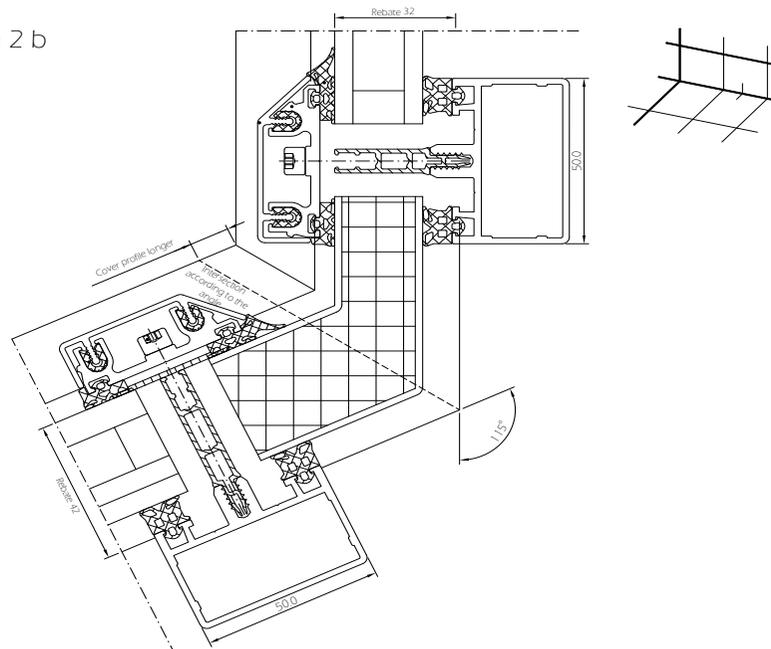
FAÇADE SYSTEM

SAMPLE CROSS SECTIONS

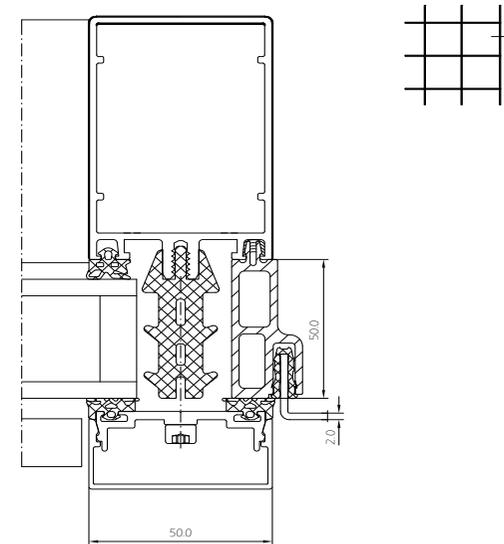
Skylight Section 2 a



Skylight Section 2 b



Wall Connection Section







MAXIMUM
TRANSPARENCY AND
SECURITY

QUALISYS PLUG-ON RAILING
QUALISYS PLUG-ON RAILING

PLUG-ON RAILING

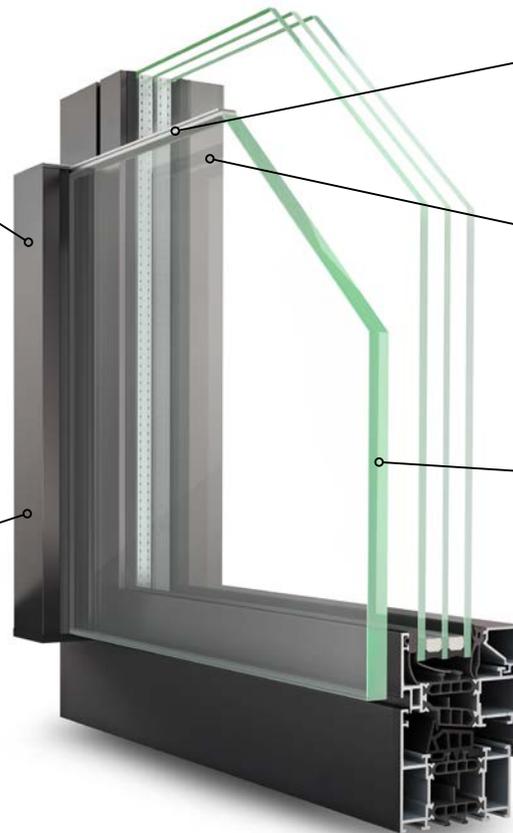
Floor- to-ceiling windows fill rooms with light and open up a view to the outside. However, fall protection with a conventional metal balustrade interrupts both the view and the outward appearance of the façade. Here, QUALISYS offers an elegant alternative with Plug-On Railing. This technically sophisticated solution allows you to create a uniform, well-balanced appearance for modern and intricate glass façades

Uniform profile system:

Vertical mounting of support bars for glass surfaces with a width of up to 3000 mm (9'10") or horizontal mounting for a width of up to 1600 mm (5'3")

Elegant:

Narrow elevation widths of 54 mm (2.13")



Design:

- 4 different handrail designs
- Optional LED lighting

Individual:

Heights of 400 (15.75") to 1200 mm (3'11")

Versatile:

- Glass thicknesses of up to 20 mm (.79")

QUALISYS Plug-On Railing System can be combined with all other QUALIDO and QUALISYS systems.

The construction type QUALISYS Plug-on Railing System is a glazing to prevent from falling down according to the "Technischen Regeln für die Verwendung von absturzsichernden Verglasungen EN 18008". The laminated safety glass made of tempered safety glass (ESG) or heat strengthened glass (TVG) is horizontally or vertically inline bedded at the lateral edges. A u-shaped profile is fixed at the upper edge (profile fixing vertical). Depending on the glass type and the sub-construction used, the construction type may be used as glazing to prevent falling down.

PLUG-ON RAILING

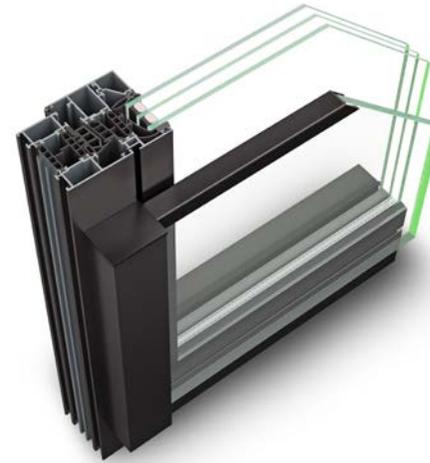
RAILING TYPES



Vertical mounting with certified minimum edge protection.



Vertical mounting with rounded handrail (optionally prepared for LED installation)



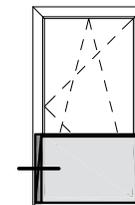
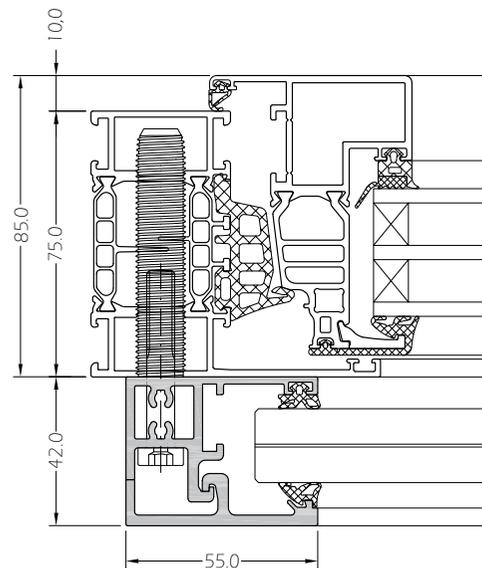
Vertical mounting with U-profile as edge protection



Horizontal mounting as handrail

Sample Cross Section:

Plug-on Railing system with QUALIWIN FINE LINE - OW 75 FL







© Arnold Glas

CLEAR SOLUTION FOR
ENERGY EFFICIENCY

GLASS
GLASS

GLASS

PERFORMANCE

Insulated Glass Unit	Glass Assembly		Ug Value										SHGC						
			0,23	0,21	0,19	0,18	0,16	0,14	0,12	0,11	0,09	> 0.65	0,65 < x > 0,60	0,55 < x > 0,50	0,26	0,24	0,22	0,20	
Double - Glass	.95 in 24 mm	.16 / .47 / .16+.16	4 / 12 / 4.4	✓									✓						
		.16 / .63 / .16	4 / 16 / 4			✓								✓					
		.24 / .47 / .24	6 / 12 / 6	✓	✓									✓					✓
	1.42 in 36 mm	.32 / .78 / .32	8 / 20 / 8			✓	✓									✓	✓		✓
		.32 / .78 / .16+.16	8 / 20 / 4.4			✓								✓					
		.16+.16 / .78 / .16+.16	4.4 / 20 / 4.4			✓								✓					
Triple - Glass	1.42 in 36 mm	.16 / .47 / .16 / .47 / .16	4 / 12 / 4 / 12 / 4										✓			✓			
		.24 / .40 / .16 / .40 / .24	6 / 10 / 4 / 10 / 6							✓				✓					
		.12+.12 / .40 / .16 / .40 / .12+.12	3.3 / 10 / 4 / 10 / 3.3			✓								✓					
		.12+.12 / .40 / .16 / .40 / .24	3.3 / 10 / 4 / 10 / 6			✓								✓					
		.24 / .40 / .16 / .40 / .24	6 / 10 / 4 / 10 / 6			✓				✓						✓		✓	✓
	1.57 in 40 mm	.16 / .55 / 01.6 / .55 / .16	4 / 14 / 4 / 14 / 4										✓			✓			
		.24 / .47 / .16 / .47 / .24	6 / 12 / 4 / 12 / 6				✓				✓				✓		✓	✓	✓
		.16+.16 / .40 / .16 / .40 / .16+.16	4.4 / 10 / 4 / 10 / 4.4			✓								✓					
		.16+.16 / .40 / .16 / .40 / .32	4.4 / 10 / 4 / 10 / 8			✓								✓					
		.32 / .40 / .16 / .40 / .32	8 / 10 / 4 / 10 / 8			✓				✓					✓		✓	✓	✓
	1,73 in 44 mm	01,6 / 0,63 / 0,16 / .63 / 0,16	4 / 16 / 4 / 16 / 4									✓	✓	✓		✓			
		.24 / .55 / 0,16 / 0,55 / 0,24	6 / 14 / 4 / 14 / 6						✓			✓	✓		✓		✓	✓	✓
		.32 / .40 / .32 / .40 / .32	8 / 10 / 8 / 10 / 8			✓				✓		✓			✓		✓	✓	✓
	1.89 in 48 mm	.16 / .71 / .16 / .71 / .16	4 / 18 / 4 / 18 / 4										✓		✓				
		.24 / .63 / .16 / .63 / .24	6 / 16 / 4 / 16 / 6							✓		✓	✓	✓		✓		✓	✓
		.16+.16 / .55 / .16 / .55 / .16+.16	4.4 / 14 / 4 / 14 / 4.4						✓					✓					
		.32 / .55 / .16 / .55 / .32	8 / 14 / 4 / 14 / 8						✓			✓	✓		✓		✓	✓	✓





COLORS

COLORS

COLOR

We care about the environment. And we don't want our products to harm the planet. But we also will not compromise on quality. This is why we choose Interpon powder coatings from Akzo Nobel for coloring all QUALISYS products. Interpon D powders have been developed in an environmentally sustainable way. They meet all the major architectural quality standards (including AAMA, Qualicoat Class 2).

Interpon D powders are available in an extensive range of appearances which span durable to hyper durable finishes. They enhance the beauty and longevity of the world's building, whatever the location and climate. And also with anodic colors, instead of chemical anodization process, we use powder coatings from Interpon Collection Anodic for exclusive metallic effect finishes.



Metallic White



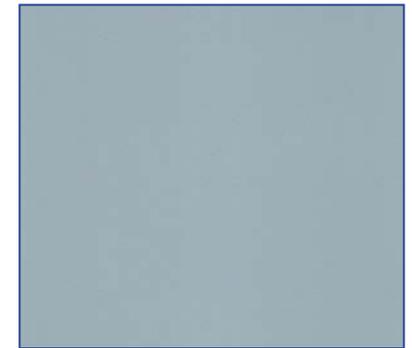
Metallic Anthracit Gray



Metallic Brown



Metallic Red



Metallic Silver Gray



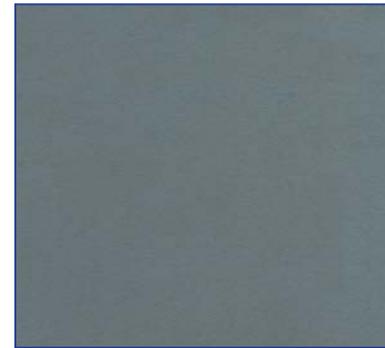
Metallic Light Black



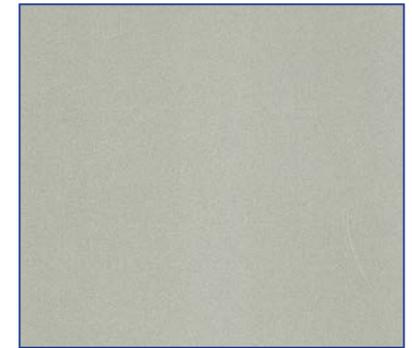
Anodic Gold I



Anodic Silver Gray



Metallic Dark Gray



Metallic Beige I

COLOR

COLOR OPTIONS



Metallic Beige II



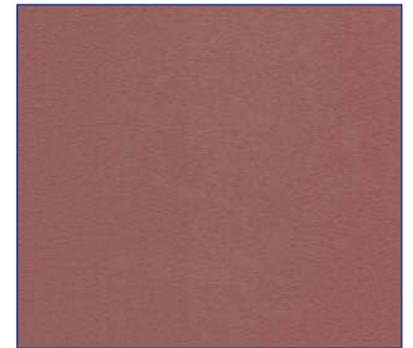
Metallic Beige III



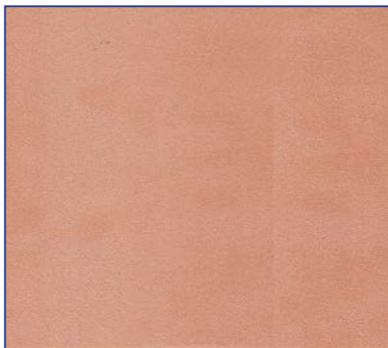
Metallic Black



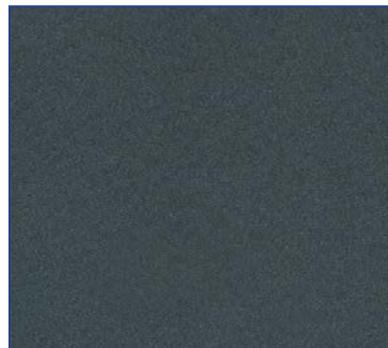
Metallic Maroon



Metallic Light Maroon



Metallic Orange Light



Steel Blue Platinum



Metallic Bronze



Anodic Gold II



Metallic Black Sable

We have made every effort to make the colors and finishes on paper as close as possible to the colors and finishes of the products you will use. However, we cannot guarantee an exact match in colours and finishes of the images. The representation of colors, gloss levels, metallic effects and textures are limited by technology and may vary due to print settings. Please contact our team members for real color samples before purchasing your product.

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