

OptiFusion

VEKA 76 AD

PRODUCT GEOMETRY

76 mm

2 sealing gaskets
6 frame insulation chambers
5 sash insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

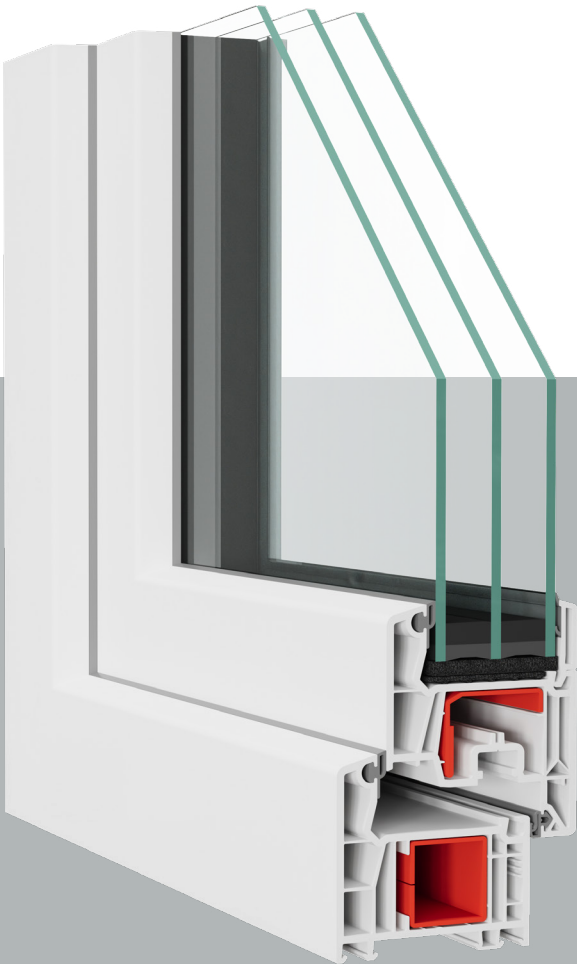
$U_w \geq 0,81 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

47 dB

PROFILE CLASS

A



*THE PHOTOS ARE FOR INFORMATIONAL PURPOSES ONLY.



With a base thickness of 76 mm, the Veka 76 system offers the perfect balance between energy saving and cost optimization. The solid Class A profiles allow the use of triple-glazed insulating glass units for superior insulation as well as protection against noise and intrusions. The slim and efficient design of Veka 76 makes it an appropriate choice even for projects requiring large joineries and openings.



OptiFusion

VEKA 76 MD

PRODUCT GEOMETRY

76 mm

3 sealing gaskets
6 frame insulation chambers
5 sash insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

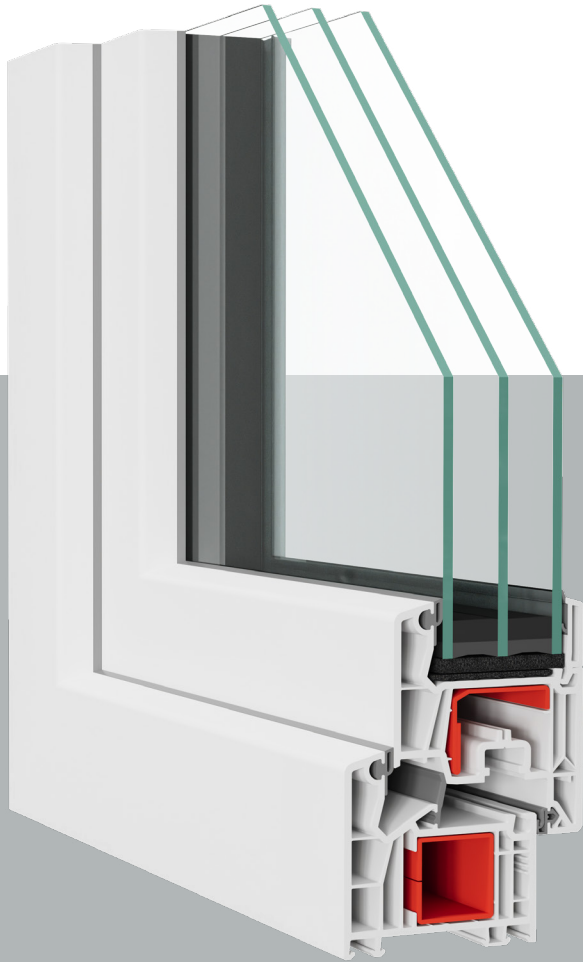
$U_w \geq 0,74 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

47 dB

PROFILE CLASS

A



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With a base thickness of 76 mm, the Veka 76 system offers the perfect balance between energy saving and cost optimization. The solid Class A profiles allow the use of triple-glazed insulating glass units for superior insulation as well as protection against noise and intrusions. The slim and efficient design of Veka 76 makes it an appropriate choice even for projects requiring large joineries and openings.



OptiFusion

VEKA 76 MD WITH
RENOVATION FRAME

PRODUCT GEOMETRY

76 mm
frame with a **35 / 48 / 65 mm** wing
3 sealing gaskets
6 frame insulation chambers
5 sash insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

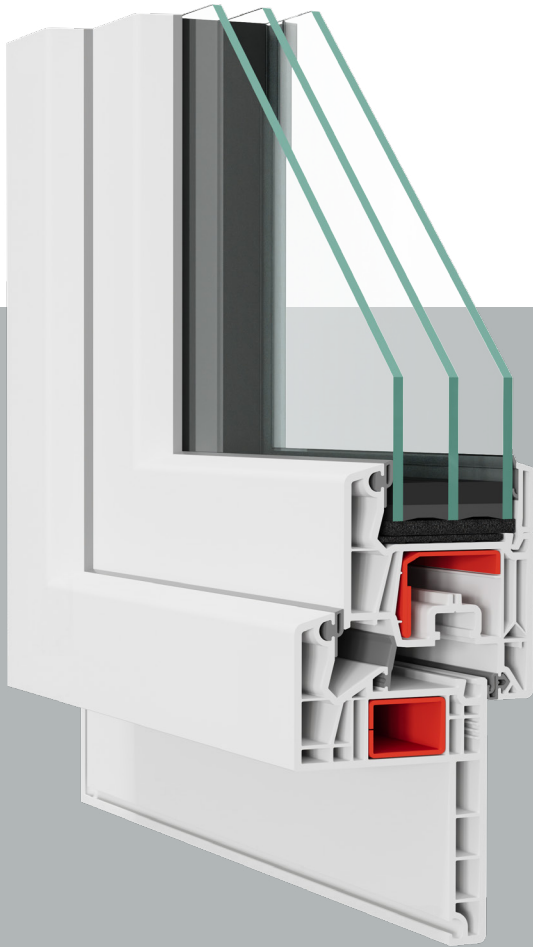
$U_w \geq 0,74 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

47 dB

PROFILE CLASS

A



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With a base thickness of 76 mm, the Veka 76 system offers the perfect balance between energy saving and cost optimization. The solid Class A profiles allow the use of triple-glazed insulating glass units for superior insulation as well as protection against noise and intrusions. The slim and efficient design of Veka 76 makes it an appropriate choice even for projects requiring large joineries and openings.



OptiFusion

VEKA 76 DOOR

PRODUCT GEOMETRY

76 mm

1 sealing gasket
5 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

$U_w \geq 0,82 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

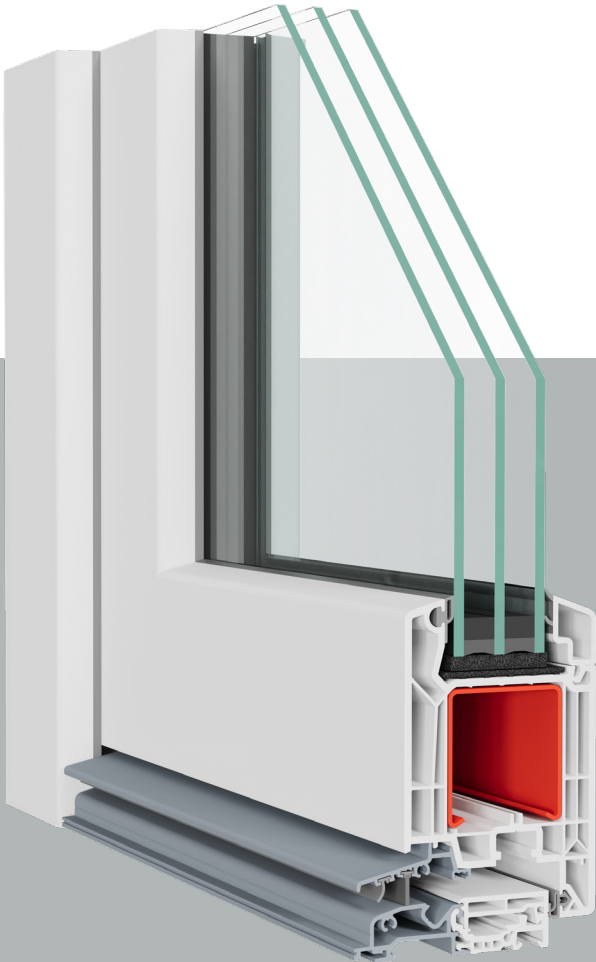
47 dB

PROFILE CLASS

A



With a base thickness of 76 mm, the Veka 76 system offers the perfect balance between energy saving and cost optimization. The solid Class A profiles allow the use of triple-glazed insulating glass units for superior insulation as well as protection against noise and intrusions. The slim and efficient design of Veka 76 makes it an appropriate choice even for projects requiring large joineries and openings.



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OptiFusion

DECEUNINCK 76 AD

PRODUCT GEOMETRY

76 mm

Sash depth: **80 mm**
2 sealing gaskets
5 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

$U_w \geq 0,75 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

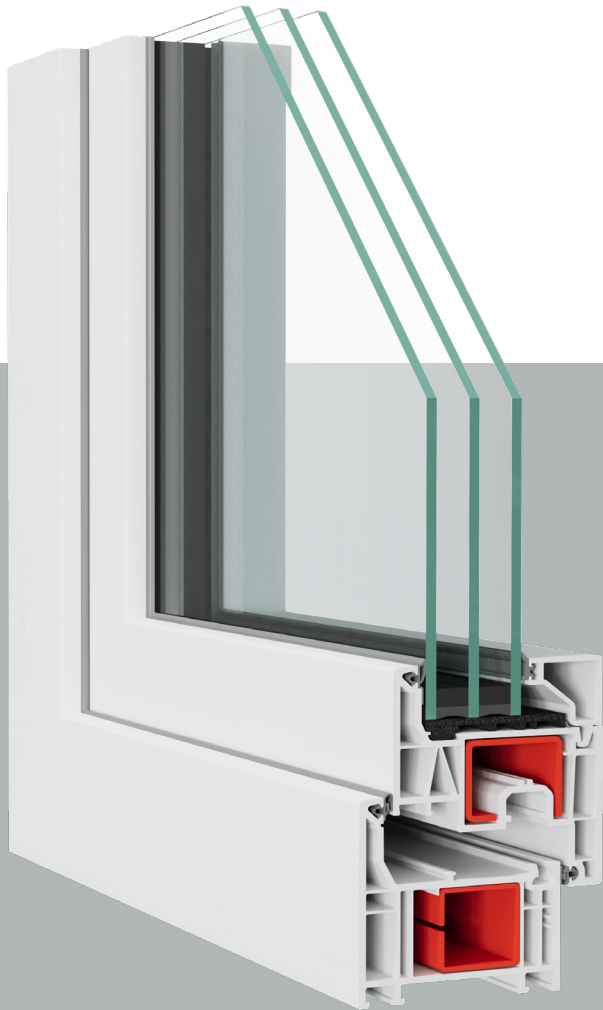
45 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



Deceuninck windows provide a modern and elegant aesthetic to your home. They stand out with their thermal insulation performance, tested to passive house standards, as well as through their resistance to severe weather conditions. The Deceuninck 76AD variant has a frame depth of 76 mm and a sash measuring 80 mm, which, together with the system's minimalist design makes it suitable for any type of home. The median gasket variant adds another insulation chamber to the same construction dimensions.



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OptiFusion

DECEUNICK 76 MD

PRODUCT GEOMETRY

76 mm

Sash depth: **80 mm**
3 sealing gaskets
6 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

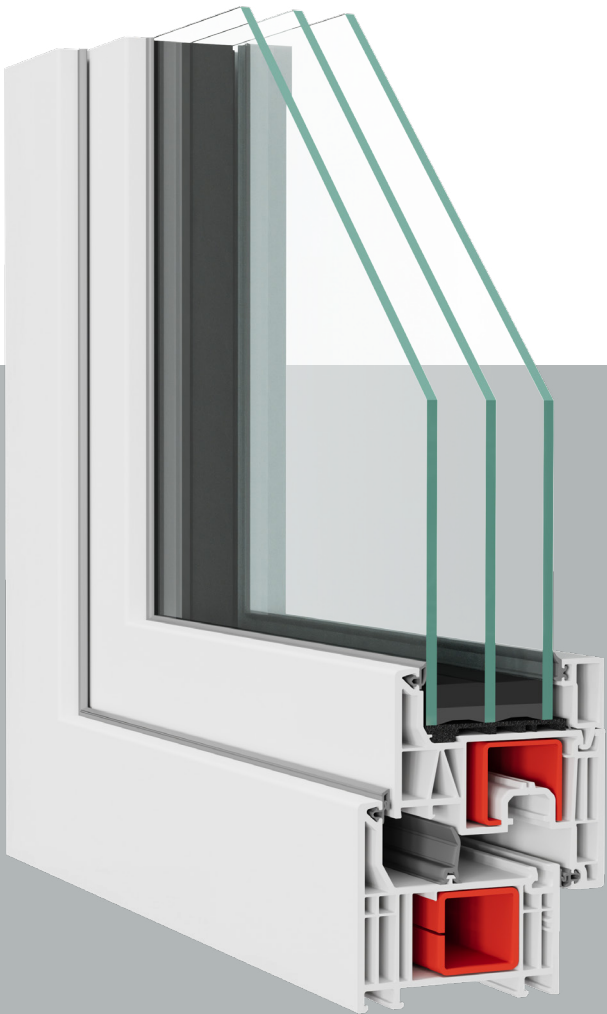
$U_w \geq 0,72 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

45 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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deceuninck

Deceuninck windows provide a modern and elegant aesthetic to your home. They stand out with their thermal insulation performance, tested to passive house standards, as well as through their resistance to severe weather conditions. The Deceuninck 76AD variant has a frame depth of 76 mm and a sash measuring 80 mm, which, together with the system's minimalist design makes it suitable for any type of home. The median gasket variant adds another insulation chamber to the same construction dimensions.



OptiFusion

DECEUNINCK 76 MD WITH
RENOVATION FRAME

PRODUCT GEOMETRY

76 mm
Sash depth: **80 mm**
frame with a **35 / 65 mm** wing
3 sealing gaskets
5 frame insulation chambers
6 sash insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

Uw ≥ 0,75 W/m²K

ACOUSTIC INSULATION

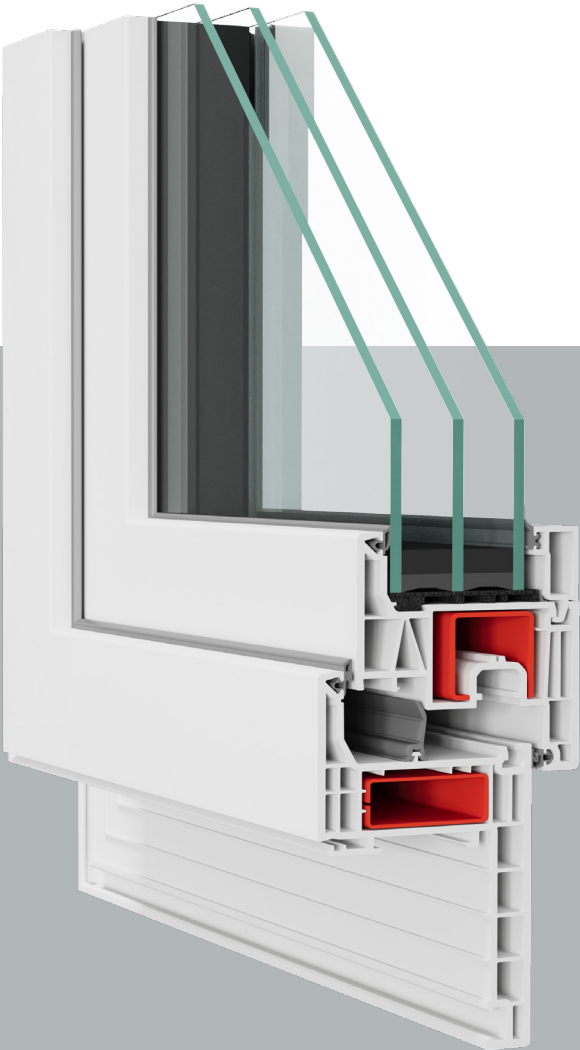
45 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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OptiFusion

DECEUNINCK 115 NL

PRODUCT GEOMETRY

76 mm

2 sealing gaskets
5 frame insulation chambers
6 sash insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

$U_w \geq 0,75 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

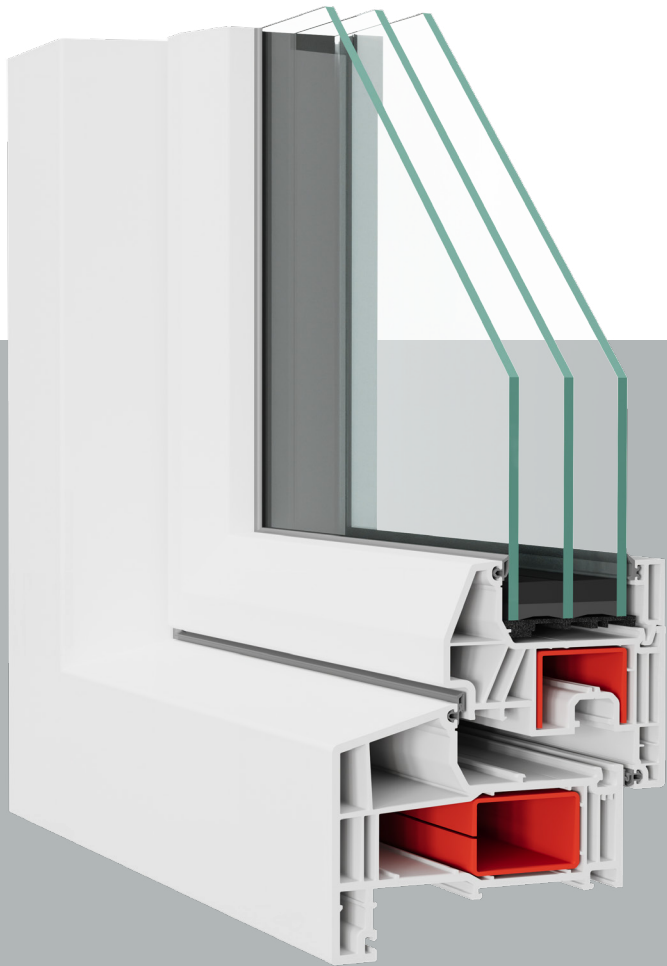
45 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



Deceuninck 115NL is the version specific to the construction requirements present in the Dutch market. Features include an installation depth of 115mm as well as a profile face beveled to an angle of 15°. Similar to the system's other variants, there is the possibility of inserting a median gasket into its 115 mm frame.



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OptiFusion

DECEUNINCK 76 DOOR

PRODUCT GEOMETRY

76 mm
Sash depth: **80 mm**
1 sealing gasket
6 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

Uw ≥ 0,78 W/m²K

ACOUSTIC INSULATION

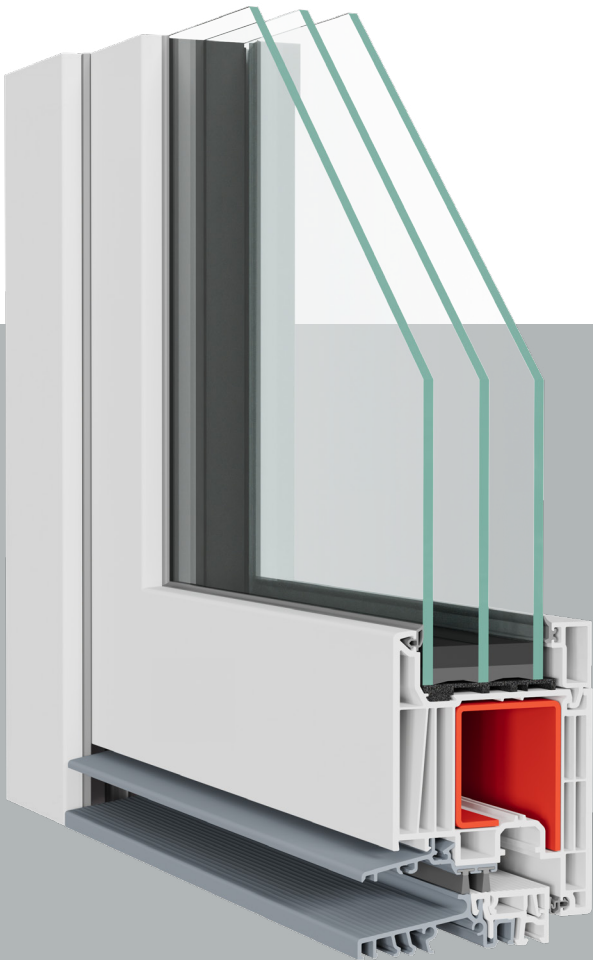
45 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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OptiFusion

KÖMMERLING 76 AD

PRODUCT GEOMETRY

76 mm

2 sealing gaskets
5 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

$U_w \geq 0,81 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

47 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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Kömmerring 76 offers all the advantages of modern windows. With a depth of 76 mm, the system can be configured with a six-chamber median gasket seal or as a standard five-chambered double seal. Its design combines contemporary aesthetics with ideal profile proportions. Regardless of your functionality, insulation, durability or environmental friendliness requirements, Kömmerring 76 fits the bill. It allows the use of triple glazed insulating glass units up to 48 mm thick, with a quick and efficient installation.



OptiFusion

KÖMMERLING 76 MD

PRODUCT GEOMETRY

76 mm

3 sealing gaskets
6 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

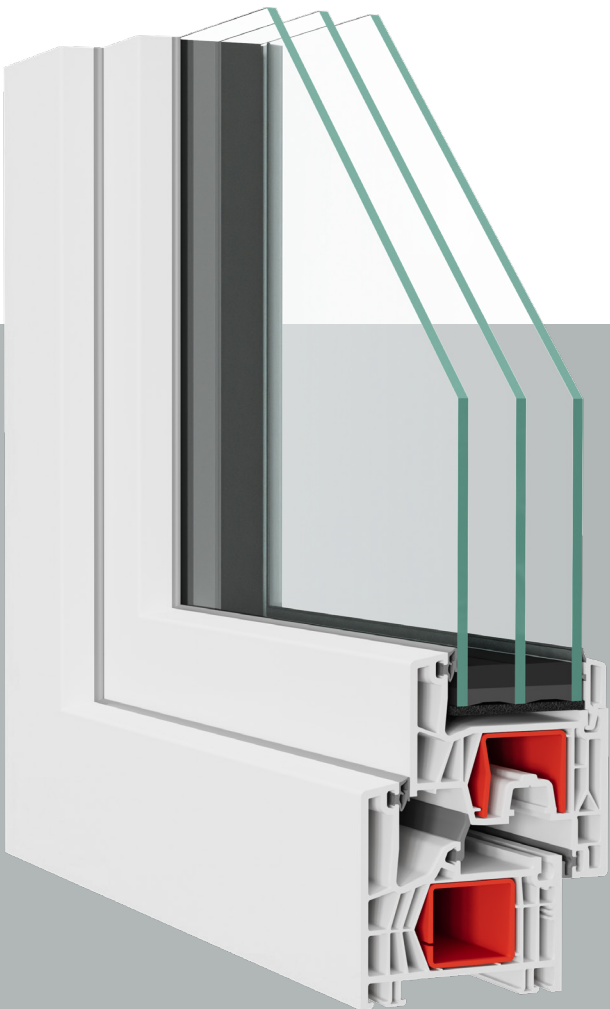
$U_w \geq 0,78 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

47 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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OptiFusion

KOMMERLING 76 AD/MD WITH
RENOVATION FRAME

PRODUCT GEOMETRY

76 mm
frame with a **65 mm** wing
2/3 sealing gaskets
5 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

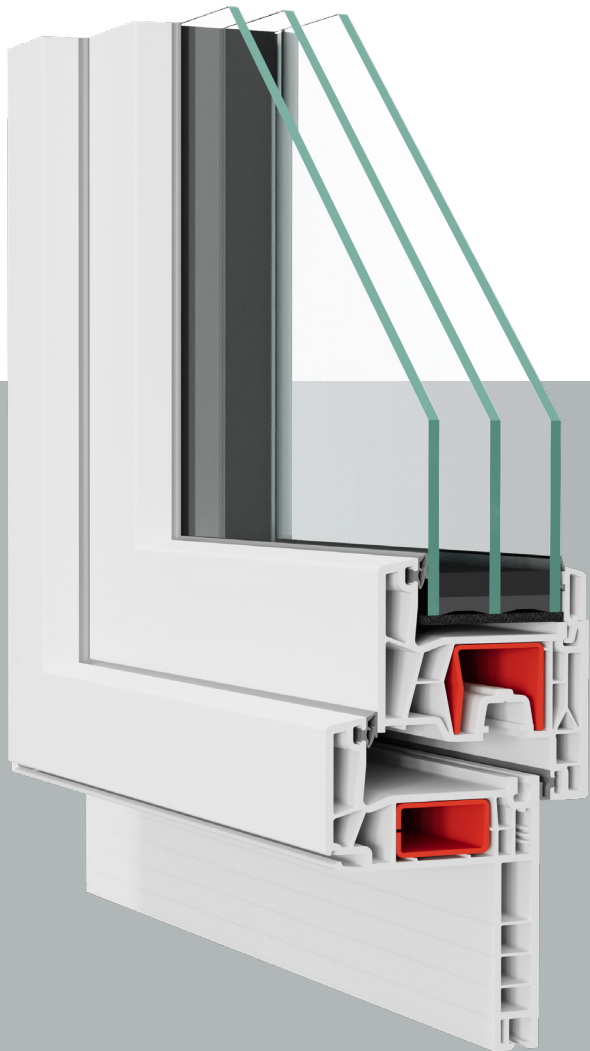
$U_w \geq 0,78 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

47 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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©RAVEN windows

OptiFusion

KOMMERLING 76 DOOR

PRODUCT GEOMETRY

76 mm
2 sealing gaskets
6 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

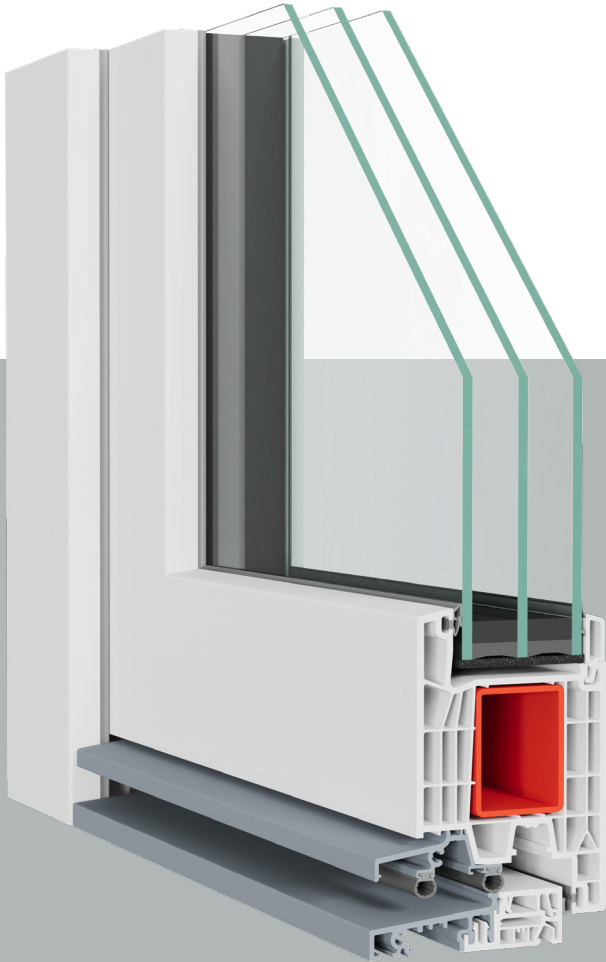
$U_w \geq 0,82 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

47 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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OptiFusion

DECEUNINCK HS476

PRODUCT GEOMETRY

76 mm

2 sealing gaskets
5 insulation chambers

MAXIMUM INSULATING
GLASS UNIT THICKNESS

48 mm

THERMAL PERFORMANCE

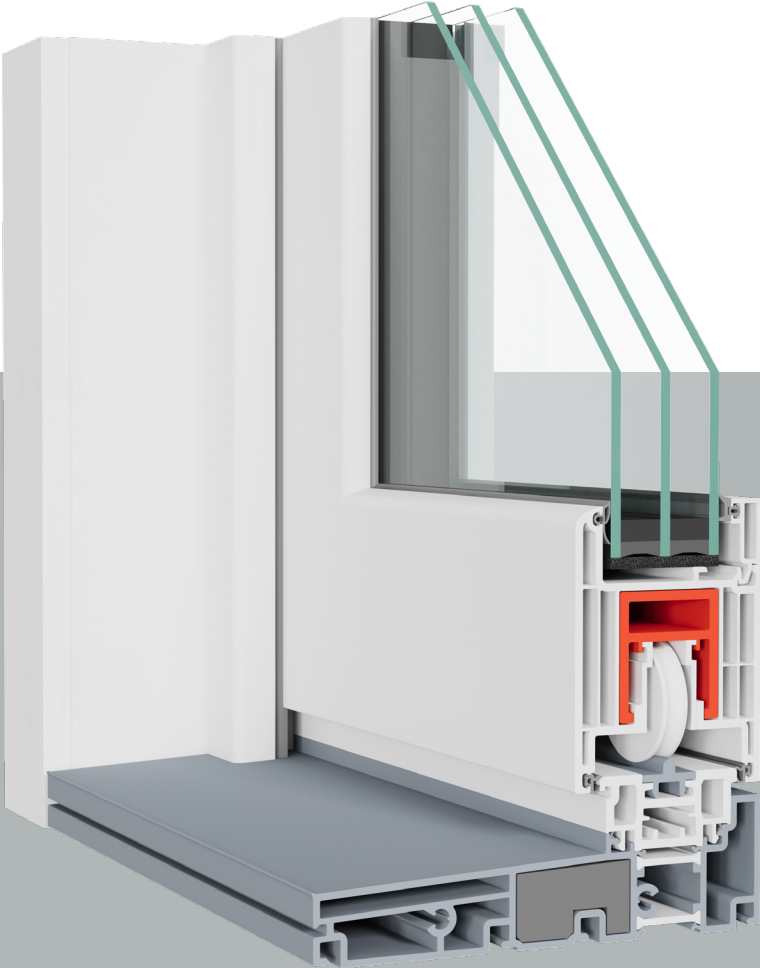
$U_w \geq 0,74 \text{ W/m}^2\text{K}$

ACOUSTIC INSULATION

45 dB

RESISTANCE AGAINST
ENVIRONMENTAL CONDITIONS

Class S



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The Deceuninck 76 sliding door series comes with a 5-chambered sash and a frame depth of 76 mm, providing comfort, safety and weather protection. The low threshold facilitates access whilst also ensuring that large elements can be opened and controlled easily.

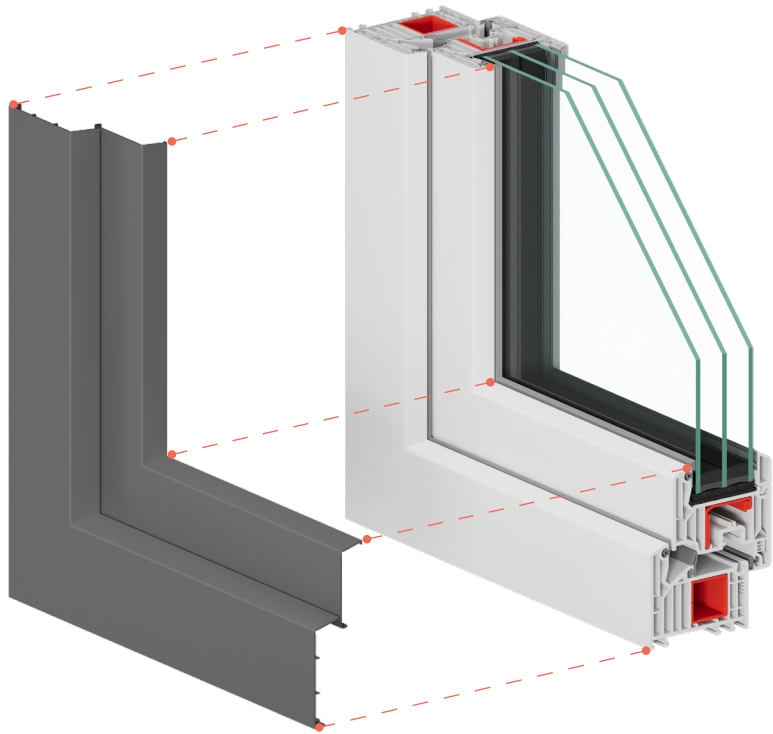


Aluminum cladding of PVC joinery

Aluminum cladding skilfully combines the best of both worlds. On the one hand, the reliability and resistance of Aluminum which also offers an elegant appearance to the entire system; on the other, the special thermal and acoustic insulation properties of PVC windows & doors.

TECHNICAL SPECIFICATIONS

- The profiles are cladded only on the outside using extruded aluminum profiles with a thickness of 1.5 mm.
- Available in all RAL colors and wood imitations.
- Easy to maintain, protects the joinery whilst improving its aesthetics.
- High resistance to mechanical and climate factors.



V-Perfect Weld

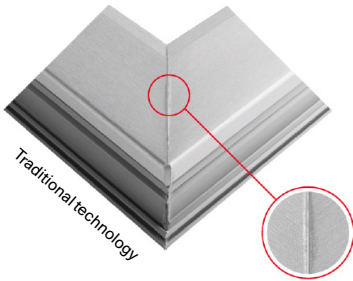
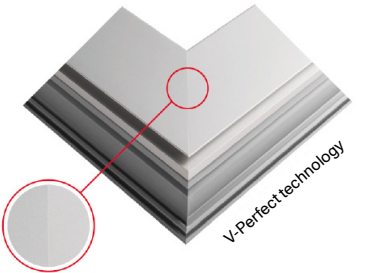
PERFECTION IS RIGHT AROUND THE CORNER



GOOD TO KNOW:

- The standard is available for foiled profiles.
- The delivery time is the same as for conventional welding.

Thanks to this patented technology, which allows the perfect alignment of the profile junctions and the removal of welding marks, the PVC window's corner finish can reach a quality level as high as in the case of wooden or aluminum windows. The appearance of the V-PERFECT weld answers the current architectural needs, thus addressing the complex and constantly evolving requirements imposed by the market.



Min / Max Size: 300 × 300 / 2800 × 3194

Available for the full range of PVC products

Conventional welding is still available



A quality hardware guarantees the optimal usage and safety of the joinery, OPTIMEDIA offering you both WINKHAUS and MACO solutions. In any variant, the reliability guaranteed at over 15.000 closing-opening cycles, water tightness, multi-point locking and anti-burglary systems are just some of the advantages of the hardware we use. Joineries equipped with our hardware provide protection against incorrect handling and discreet ventilation positions which are secured against burglary attempts.

OPTIMEDIA offers you window handles with a patented security mechanism, Secustik, which prevents the window from being operated from the outside. As standard, the handles and hinge covers can be white or brown, with silver, bronze, gold, black, dark brown or cremeweiss being available on demand. The door handles we offer also cover a wide range of shapes and colors (white, brown, silver or gold).

WE OFFER TWO TYPES OF SYSTEMS FOR ENTRANCE DOORS:

Two lever handles inside/outside

A lever handle on the inside and a pull handle on the outside

HARDWARE AND HANDLES



PVC Handles



Brown



White



Black



Bronze



Silver

Option 1

Option 2

Option 3



Gold



Black



Brown



Bronze



Silver



Cream



White



Door Handles

 schüring®

greenteQ



White



Cream



Silver



Brown



Silver

Option 1



White



Silver



Gold



Bronze



Brown



Black

Option 1



White

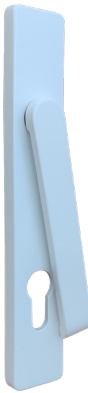


Silver



Brown

Option 2



White



Silver



Brown

Option 3



White



Gold



Brown



Silver



Bronze



Black

Option 2



White



Gold



Brown



Silver

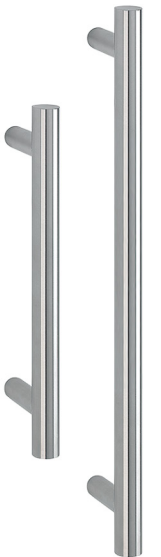


Bronze



Black

Option 3



Option 4

Glass

Glass represents approximately 80% of a joinery's surface. OPTIMEDIA equips its products with SAINT GOBAIN GLASS or GUARDIAN glazings that meet the thermal, acoustic and security requirements, whilst ensuring the desired indoor ambiance. Their winter-summer comfort function maintains a pleasant interior atmosphere throughout the year, with the sheen of its coating giving the space a touch of elegance.

TECHNICAL SPECIFICATIONS

ESG tempered glass is, on average, 4 times more resistant than a standard glass to changes in temperature, strong winds and impacts. When cracked, it breaks down into small pieces without any sharp edges.

Laminated glass is composed of two or more simple glass sheets glued together with a PVB film which, in case of breakage acts as a medium to which the shards remain glued, therefore preventing possible accidents.

Tempered glass aims to protect both users against accidents and buildings against break-ins.

For design purposes or to protect you from prying eyes, OPTIMEDIA offers you a wide range of decorative glass with a large number of models, textures and colors.

Also, for added style and elegance, you can choose between georgian and astragal bars. These can be of different sizes, colors and shapes, made of PVC or Aluminum.

Tempered glass: Optimedia ESG

ESG is a type of glass that, following the tempering process, shows a considerably higher resistance to mechanical and thermal stresses compared to ordinary glass (including laminated glass). In case of breakage, ESG glass fragments into small pieces with blunt edges. Its superior mechanical properties recommend it for large glazed elements.

USES:

Architectural: all types of interior or exterior windows, doors and glass assemblies, consisting of independent or linked elements, facades, glazed roofs, stairs and even glass floors;

Urban furniture: telephone booths, public transport stations, parapets;

Interior furniture: table tops, shower cabins, shelves, furniture.

WHY ESG (TEMPERED) GLASS?



ESG glass is 50% lighter than laminated glass, thus facilitating its transport and assembly whilst at the same time extending the joinery's life by reducing the load on the hardware.



It is 5 times more resistant to tension, shocks and bending stresses compared to an ordinary or laminated glass of the same thickness.



It reduces the risk of injury in case of breakage, by fragmenting into small, blunt pieces and limits the risk of break-ins.



Color palettes

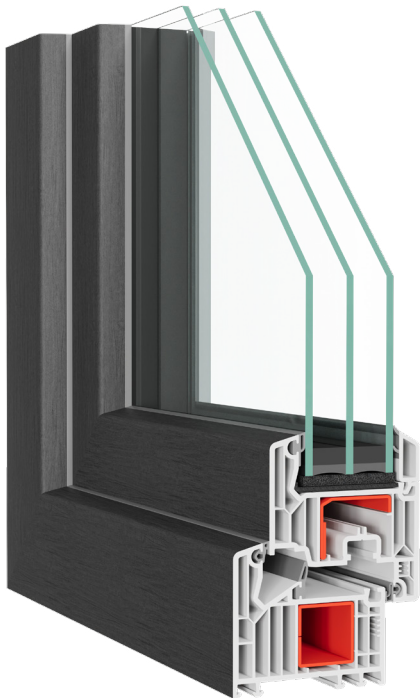
With a palette of over 100 colors and effects (different wood imitations as well as solid matte or metallic colors) we offer a customized solution for everyone's taste, ensuring diversity, durability and color resistance over time.

You can opt for white on two sides, white on the inside/color on the outside or color on both sides.

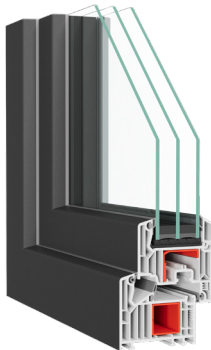
The three options for gaskets perfectly complement the profile offer. Depending on OPTIMEDIA's standard regarding gasket to PVC body color combinations, the available options are: gray gaskets on white and cream profile bodies, black gaskets on gray and brown bodies and caramel gaskets on caramel bodies.

GROUP 1

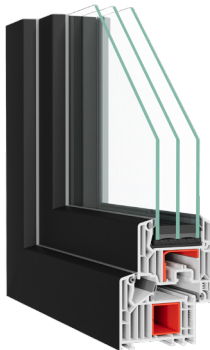
ANTHRAZITGRAU



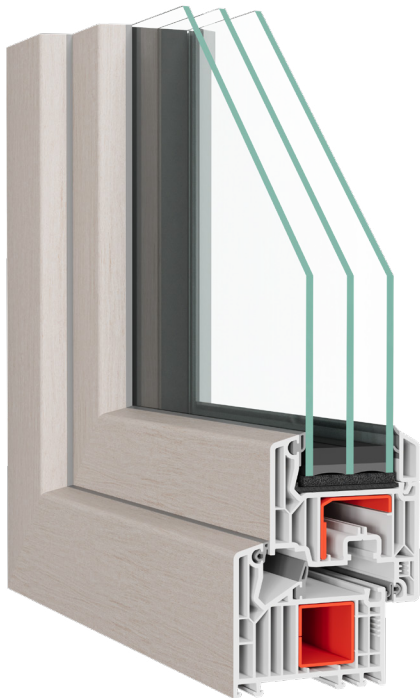
ANTHRAZITGRAU
GLATT



JET BLACK SFTN



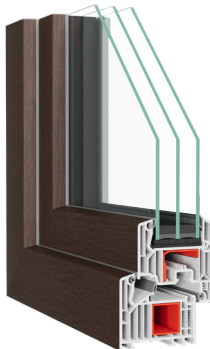
SHEFFIELD OAK
LIGHT



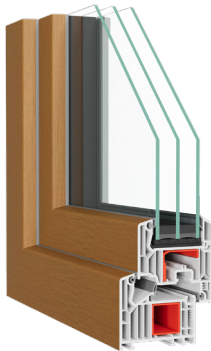
CREMEWEISS



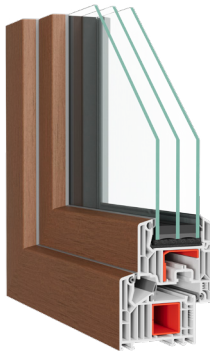
MOOREICHE ST-F



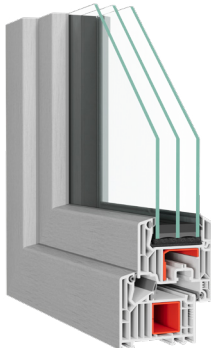
GOLDEN OAK



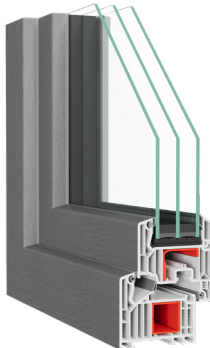
NUSSBAUM



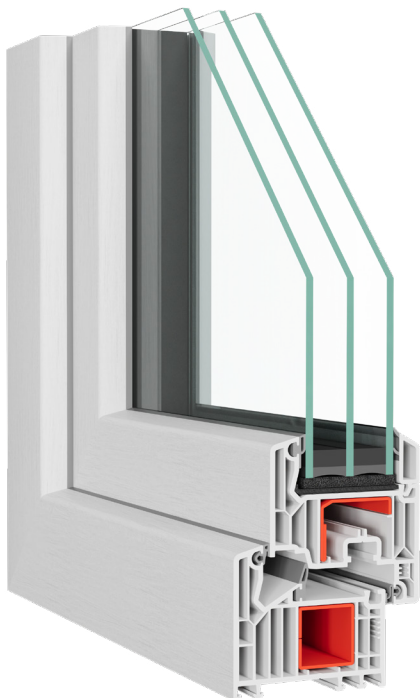
GRAU



QUARZGRAU



WEISS



GROUP 2

Color reproductions are only partial and approximate. For the complete and accurate color range, please **consult the official OPTIMEDIA color palettes**.

AVAILABLE BODY COLOR OPTIONS:

- OptiFusion VEKA 76 - white, cream, brown, caramel, gray
- OptiFusion DECEUNINCK - white, gray
- OptiFusion KOMMERLING 76 - white, brown, caramel
- OptiFusion DECEUNINCK HS - white

COLORS OF THE GASKETS IN THE CASE OF LAMINATED PROFILES

- Gray gasket - White profile, Ivory profile
- Black gasket - Gray profile, Brown profile
- Caramel gasket - Caramel profile



Achatgrau



Aluminium Geburstet



Alux DB 703



Basaltgrau



BrillantWeiss



Eiche Dunkel FL-F1



Gau Glatt



Hellelfenbein



Lichtgrau



Metbrush Messing



Sapeli



Schiefergrau



Schokobraun



Schwarzbraun



Schiefergrau Glatt



Basaltgrau Glatt



Streifen Douglasie



Winchester XA



Douglasie



Siena Noce



Siena Rosso



Alux Graualuminium



Bergkiefer



Black Cherry



Brillantblau



Betongrau



BraunMaron



Kobaltblau



Rosewood



Schwarzgrau Glatt



Zinkgelb



Crown Platin



Dunkelgrun



Dunkelrot



Earl Platin



Eiche Hell



Eiche Rustical



Irish Oak



Jet Black Stylo



Macore



Metbrush Anthrazitgrau



Metbrush Platin



Metbrush Quarzgrau



Metbrush Silver



Moosgrun



Mountain Oak



Anthrazitgrau Ultimatt



Black Ultimatt



Oregon



Papyrusweiss



Pastelgrun



Quarz Platin



Quarzgrau Glatt



Rustic Cherry



Schwarzgrau



Sheffield Oak Grey



Shogun AC



Shogun AD



Shogun AF



Signalgrau



Stahlblau



Weinrot



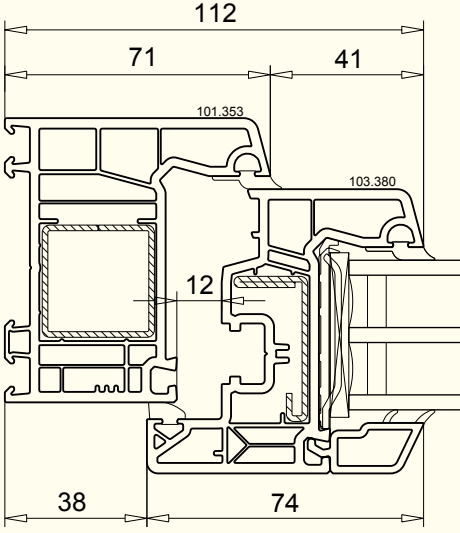
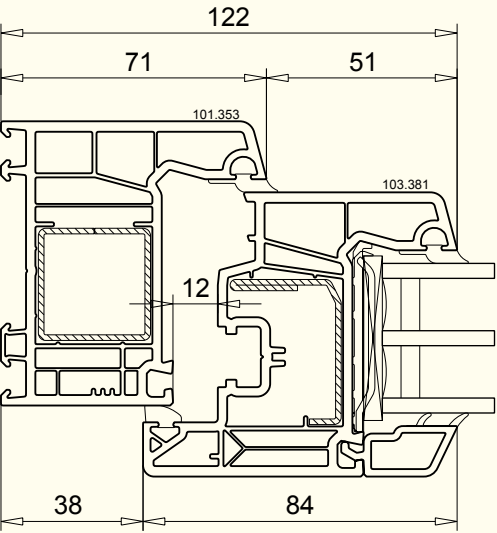
Achatgrau Glatt



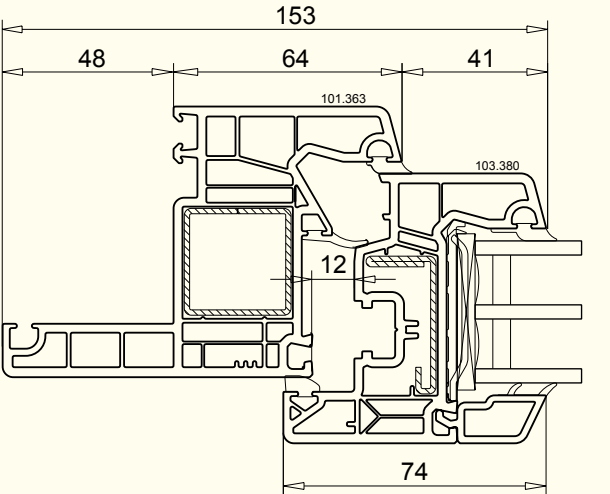
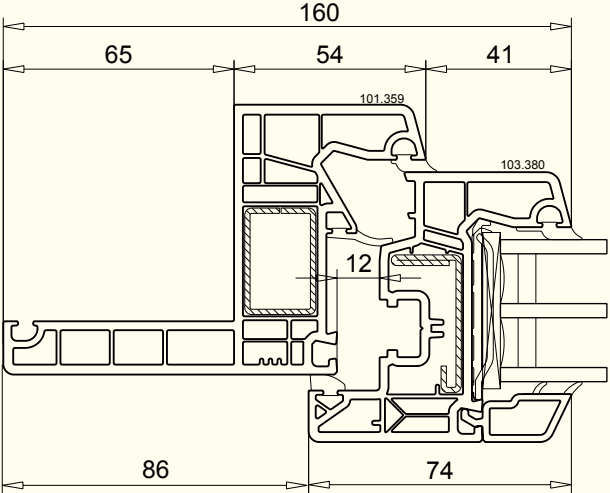
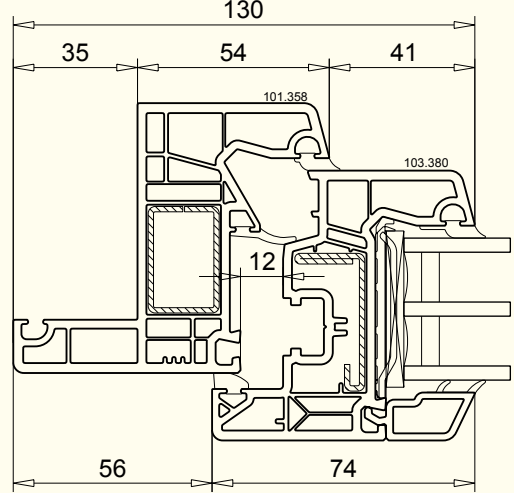
Black Smooth 2

GROUP 3

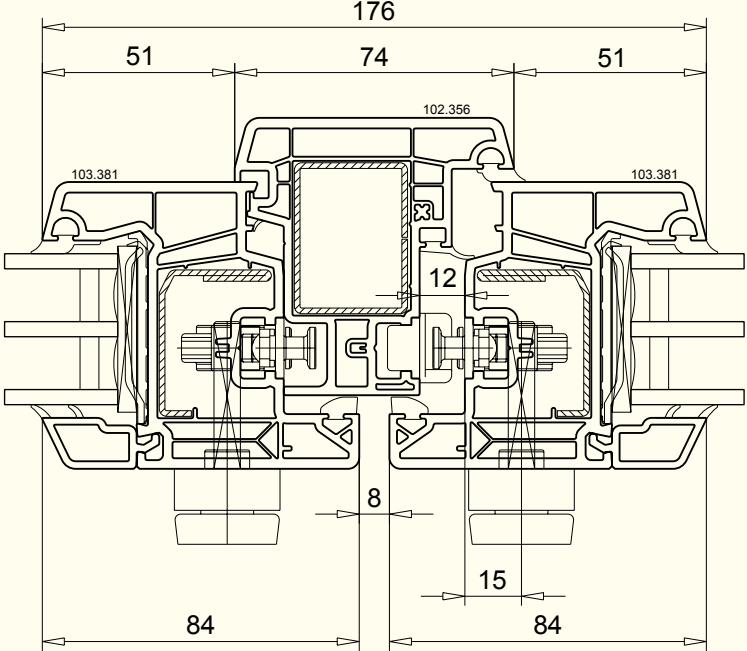
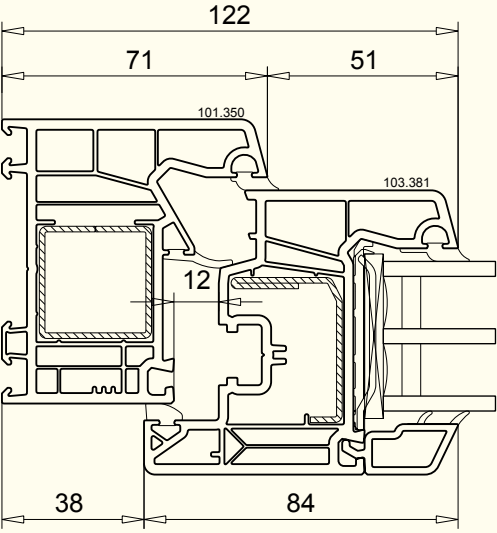
OptiFusion VEKA 76 AD



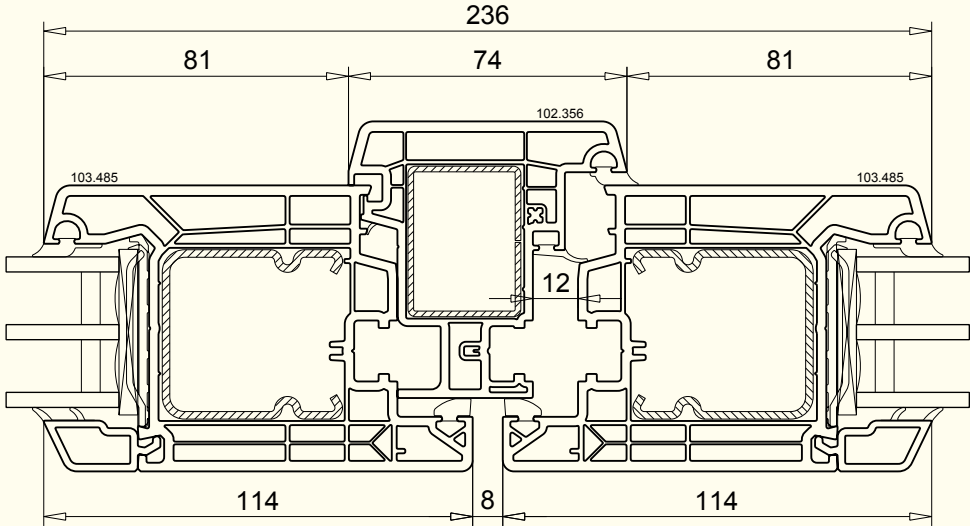
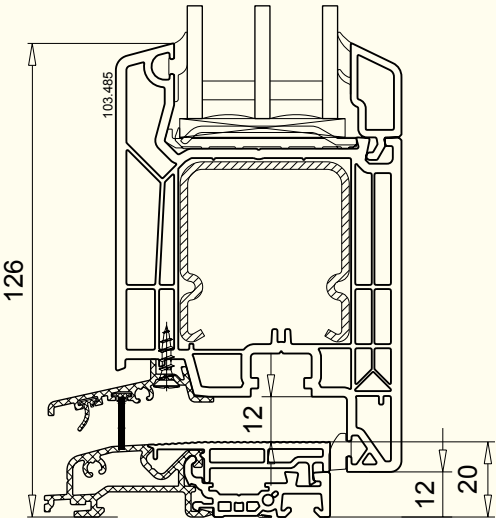
OptiFusion VEKA 76 WITH RENOVATION FRAME



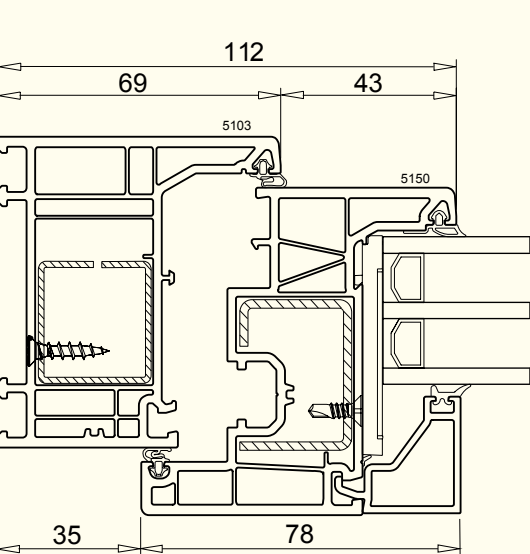
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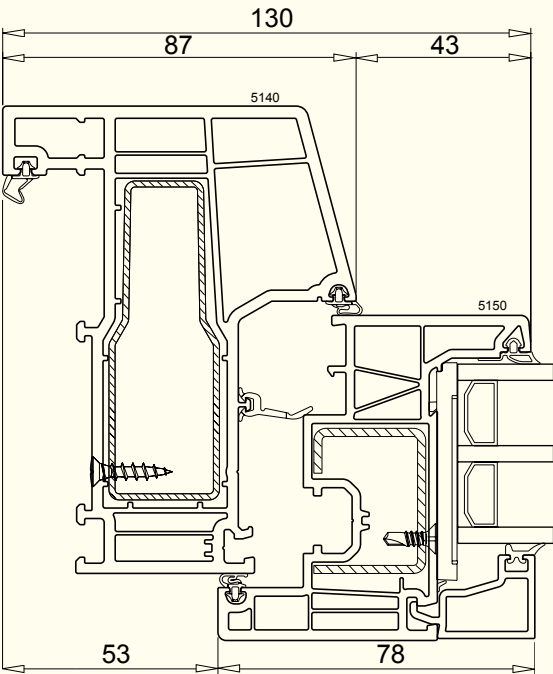
OptiFusion VEKA 76 DOOR



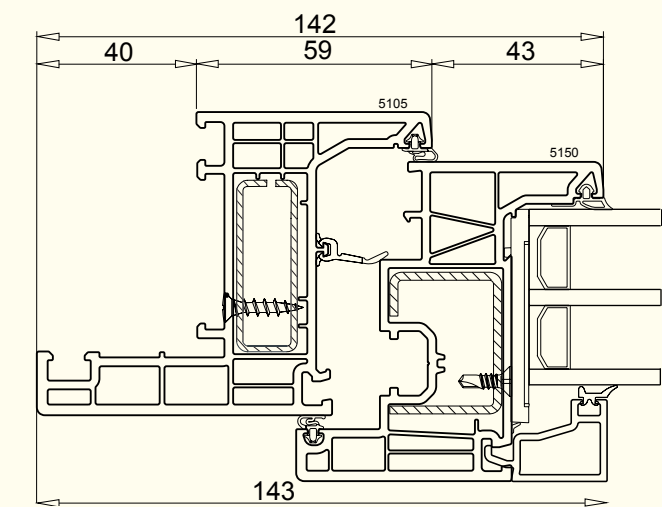
OptiFusion DECEUNINCK 76 AD



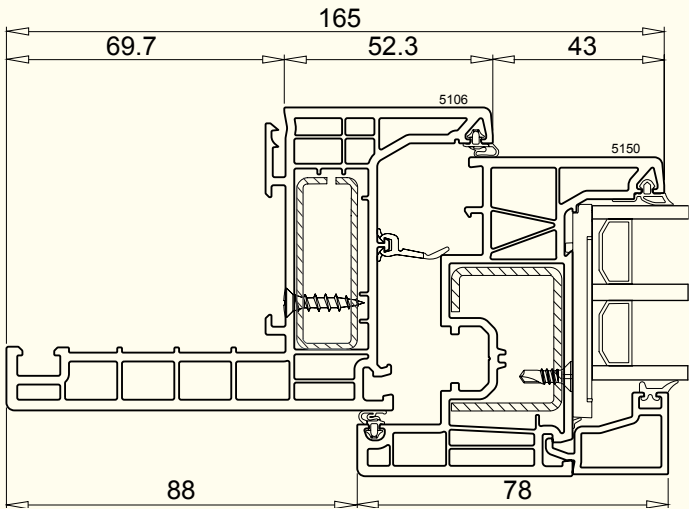
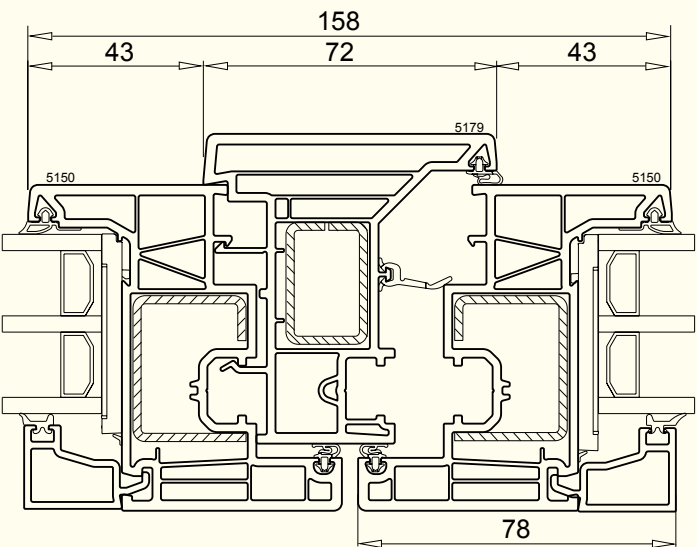
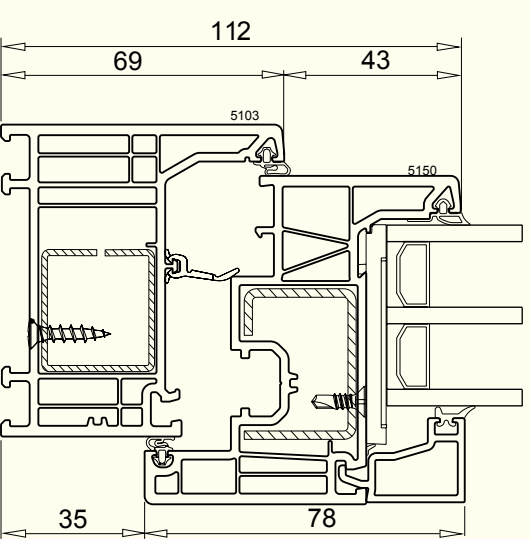
OptiFusion DECEUNINCK 76 NL



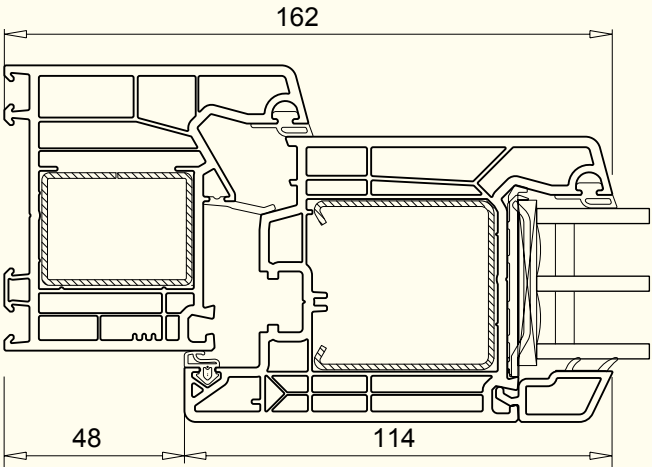
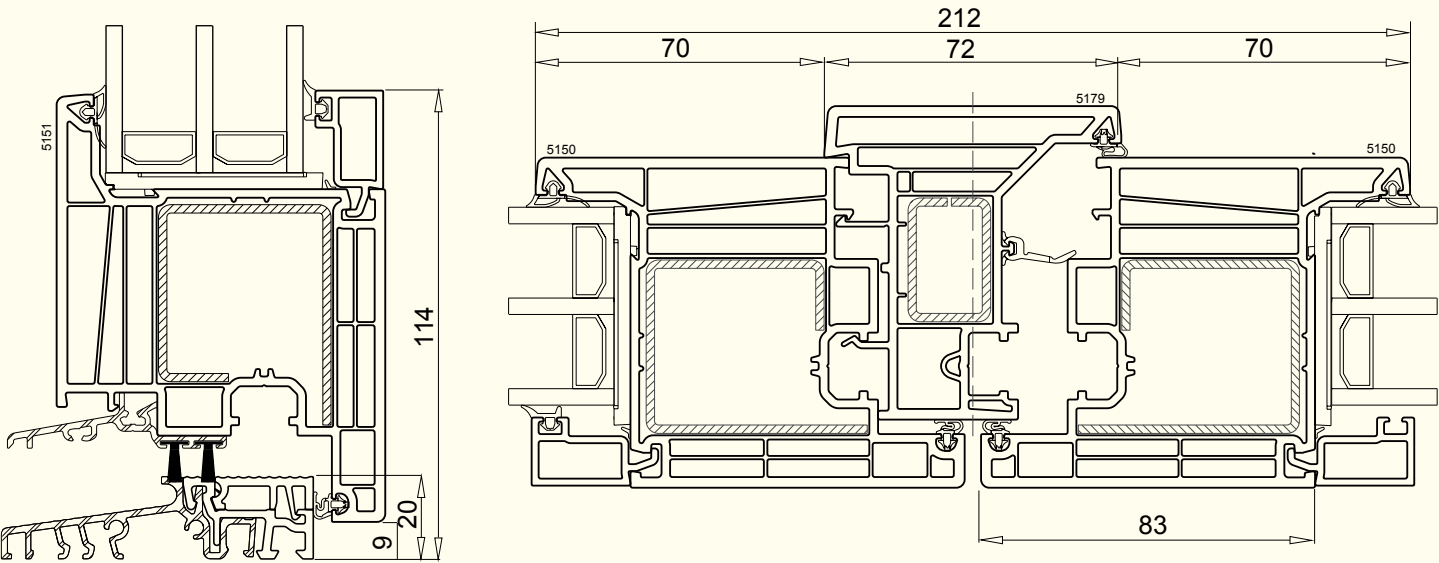
OptiFusion DECEUNINCK 76 WITH RENOVATION FRAME



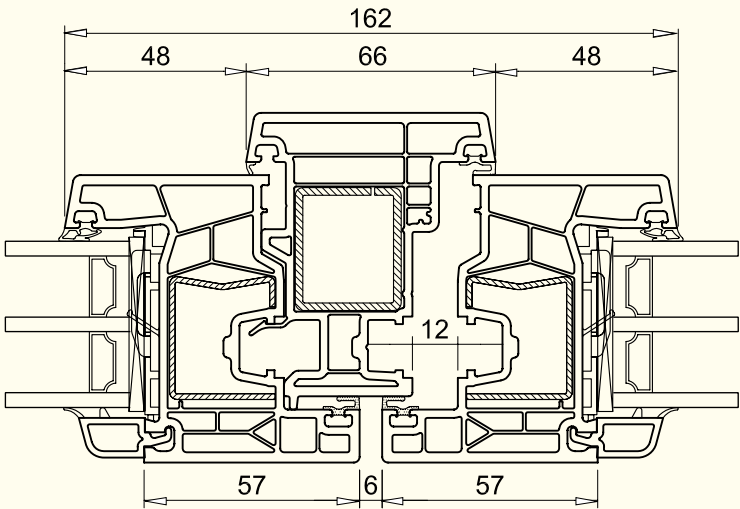
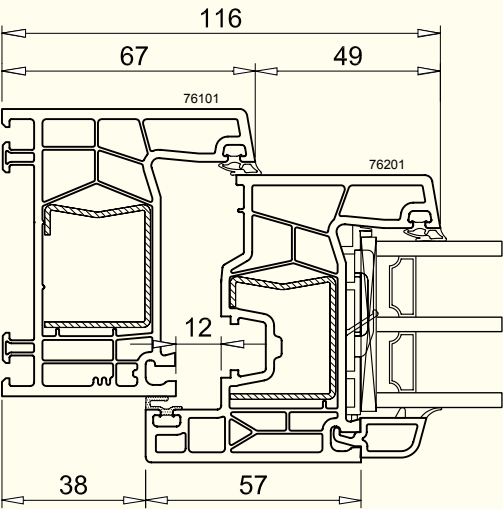
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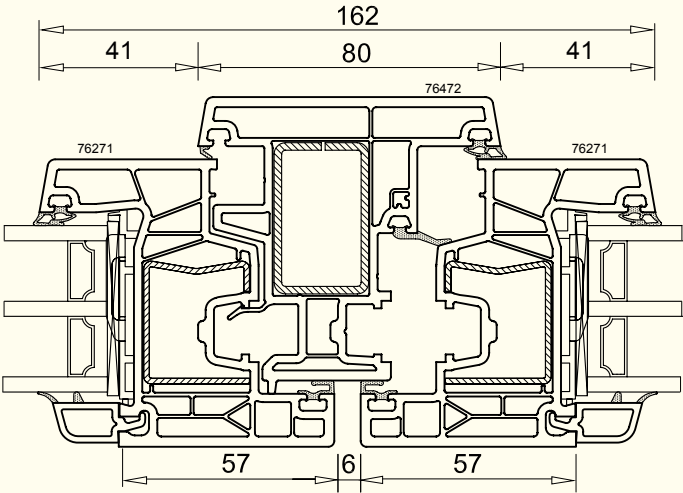
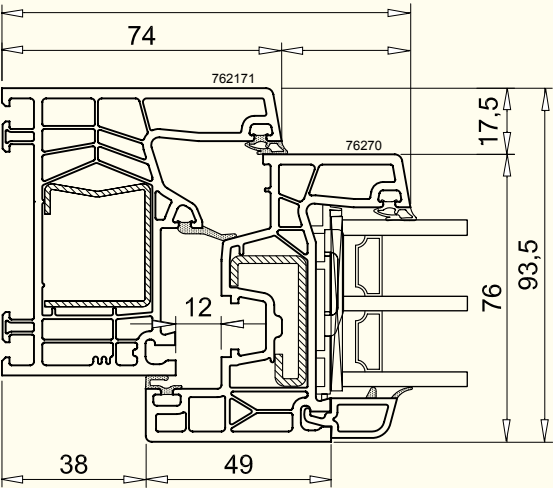
OptiFusion DECEUNINCK 76 DOOR



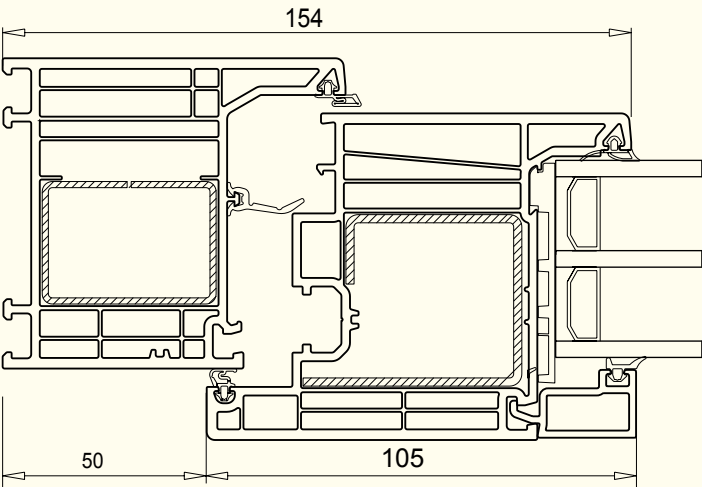
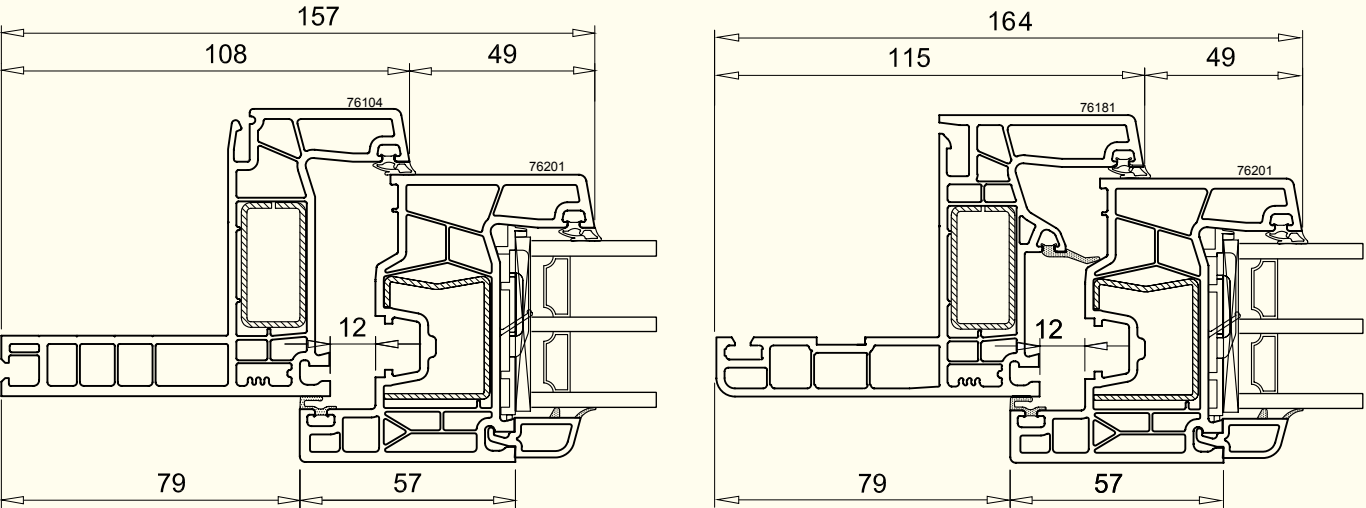
OptiFusion KOMMERLING 76 AD



OptiFusion KOMMERLING 76 MD



OptiFusion KOMMERLING 76 WITH RENOVATION FRAME



OptiFusion KOMMERLING 76 DOOR

