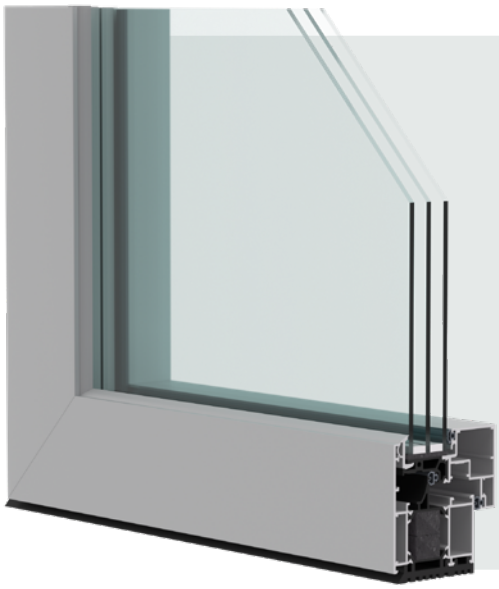
TECHNICAL DATA SHEET

Windows > **Windows and french windows in aluminum**

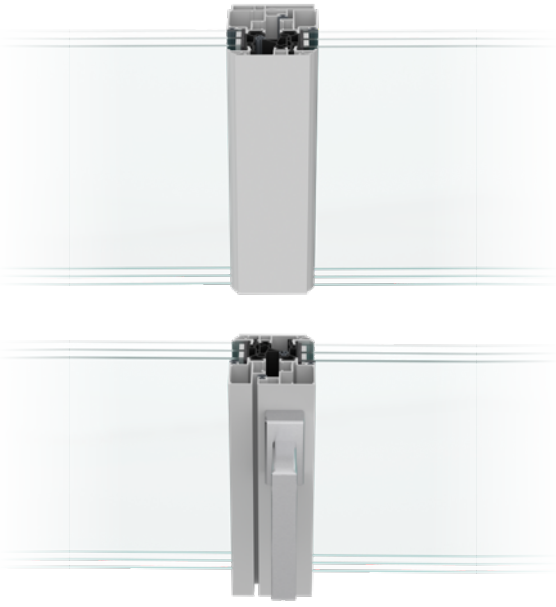
DAUNIA
INFISSI ITALIANI



SERIES

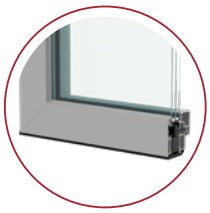
70 ULTRA VISION

The 70 Ultra Vision series represents the pinnacle of minimalism and elegance you can desire from a window. Its defining feature is the hidden sash, which remains invisible from the outside. This innovative design transforms the window into a seamless frame, completely disappearing from view and allowing glass and natural light to take center stage.
The perfect aesthetic linearity combined with the extraordinary structural properties of thermally broken aluminum make this series a true masterpiece of excellence.

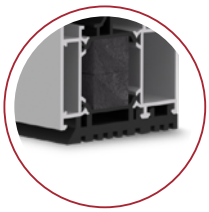


Central node (standard)

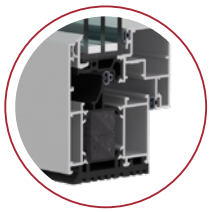
Wide range of colours:
This means you can always find the best solution for your home



Hidden sash:
Designed to maximize natural light



Underframe gasket:
Covers water drainage holes at the front



High Isolation profiles:
With polyamide and thermal foam inserts for excellent thermal resistance

THERMAL TRANSMITTANCE

NODE (Uf)	1,60 W/m² K
GLASS (Ug)	1,00 W/m² K
COMBINATION (Uw)	1,35 W/m² K

Uw up to 0,95 W/m² K (with appropriate glazing)
Uw: thermal values of the individual frame components (frame and glazing)

Made in Italy

TECHNICAL SPECIFICATIONS

- Construction depth of 70 mm
- Double rabbet seal
- Certified Double glazing featuring high-level heat and sound insulation with Warm Edge duct + Gas Argon 90%
- Glass-casement bonding with bicomponent for structural and acoustic improvement
- Possibility to use double glazing from 32 to 36 mm
- Roto NX, burglar-proof metal hardware with bottom hung casement as standard for the correct ventilation of the room
- Product 100% Made in Italy and 100% recyclable

VERIFICATIONS
to which the system has been subjected

SERIES
70 ULTRA VISION

VERIFICATION	VERIFICATION RESULT	OBSERVATIONS
Summary of test report March 7, 2022	Air permeability according to **EN 12207 - UNI EN 120207: class 4** Resistance to driving rain compliant with **EN 1227 - UNI EN 12208: E1500** Wind resistance according to **EN 12211 - UNI EN 12210: class C5**	Verification based on different frame and sash combinations
Suitability verification for ventilation window	Air permeability according to **UNI EN 12207: class 4** Resistance to driving rain compliant with **DIN EN 12208: class 9A**	
Sound insulation verification	**UNE-EN ISO 10140-2: 2011**	Verification based on different frame - sash and glass combinations
Thermal insulation verification	Thermal transmittance coefficient (U-value) Uf= 1,60 W/m²K	Verification carried out for combination 6635/662520

Thermal insulation for Window type:
1230 x 1480 mm - Frame/Sash node value:
Uf 1,60 W/m²K

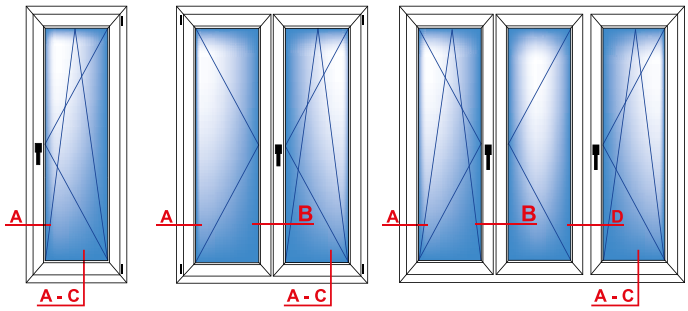
- with double glazing and Warm Edge duct
  Ug 1,00 W/m²K - Psi 0,049
  Thermal insulation in class A with Uw 1,35 W/m²K
- with double glazing and Warm Edge duct
  Ug 0,80 W/m²K - Psi 0,044
  (Maximum thickness of the glass is 36 mm)
  Thermal insulation in class A with Uw 0,95 W/m²K

Hardware System Specification

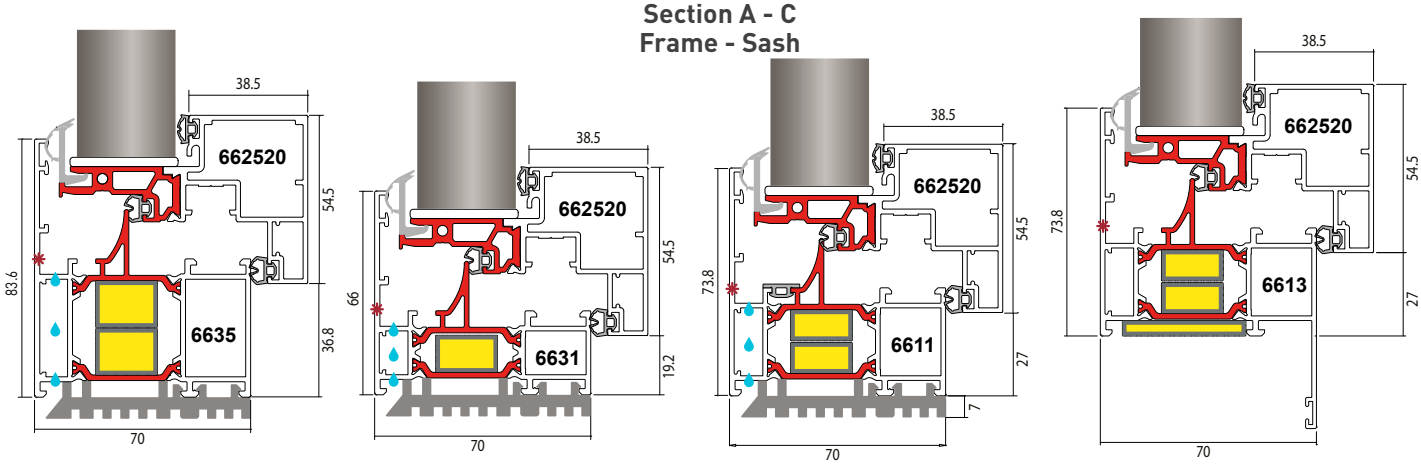
- Standard Roto NX hardware, load capacity 150 kg
- Burglar-proof class WK1, with false operation device and micro-ventilation
- Special RotoSil Nano surface treatment according to the Class 4 based on the requirement of DIN EN 13126/8
- Fastenings screwed onto reinforcement with the possibility of increasing the degree of break-in

On request

- Fully concealed hardware
- Hardware with optional systems with resistance class WK2 - WK3 (WK3 not certifiable)



Section A - C
Frame - Sash



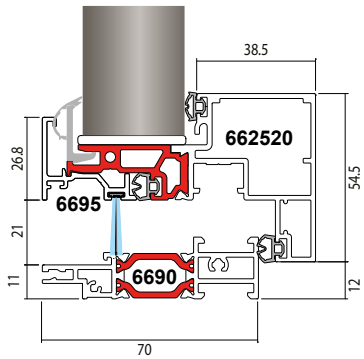
Direct Condensate Drainage
Front Drainage H=42 mm (on request)

Direct Condensate Drainage
Front Drainage H=25 mm (on request)

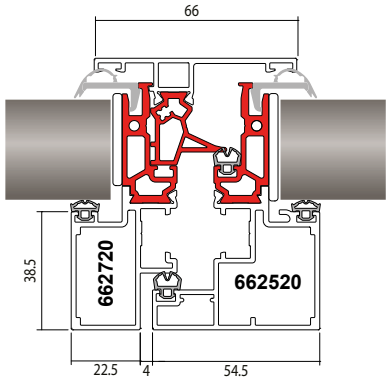
Direct Condensate Drainage
Front Drainage H=33 mm (on request)

Front Drainage H=33 mm (on request)

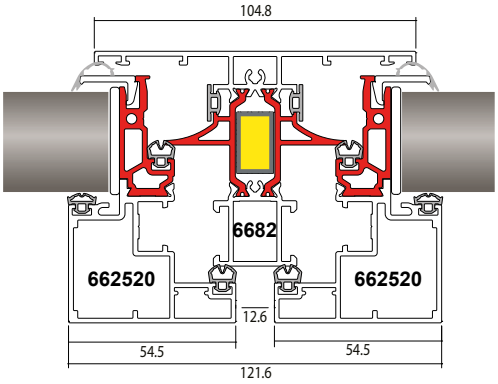
Section C
Low threshold - Sash



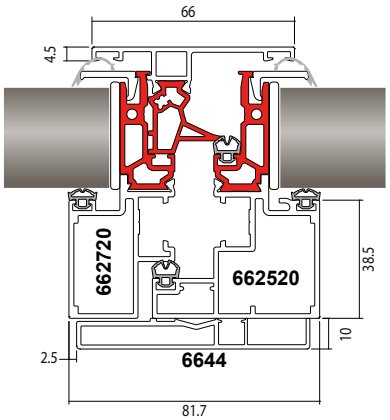
Section B
Central node 2 sashes (standard)



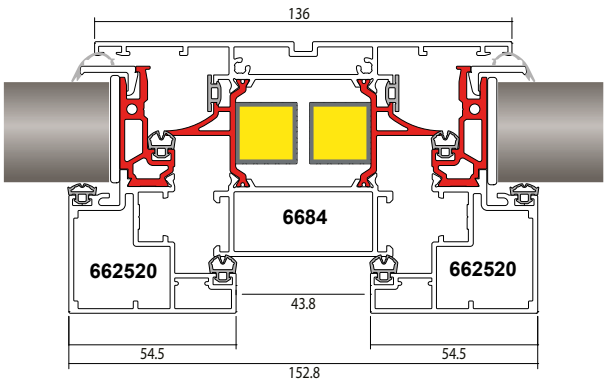
Section D
Sash node - Transom - Sash
Compatible only with concealed hinges



Section B
Central node 2 sashes with cup (on request)



Section D
Sash node - Transom - Sash



1:3 Scale

COLORATIONS/ AVAILABLE COLOURS

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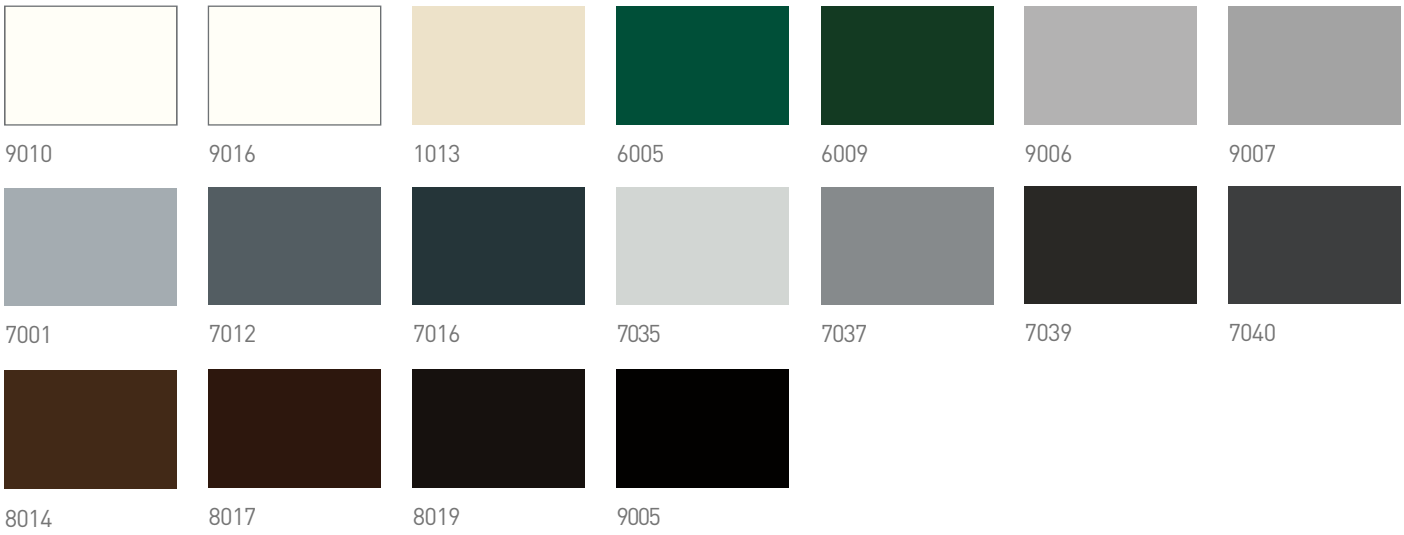
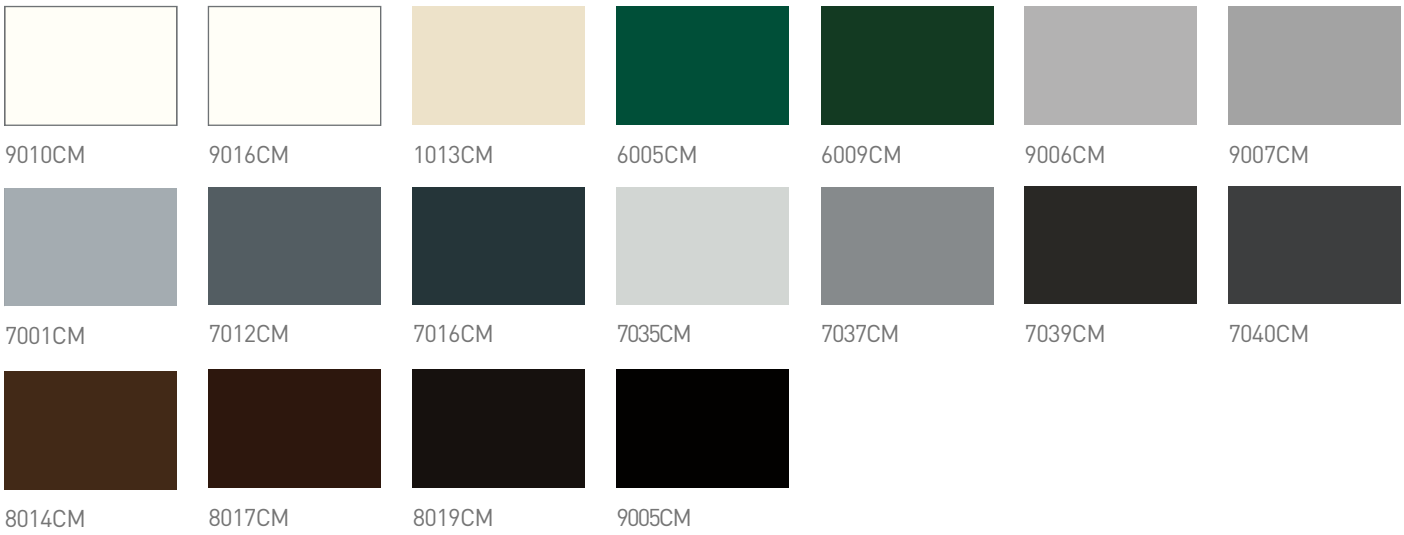
GLOSSY RAL



MATTE RAL



COLORATIONS/ AVAILABLE COLOURS

SERIES
70 ULTRA VISION

ANODIZED

Bronzo liscio 3L

Bronzo Spazzolato 3GR

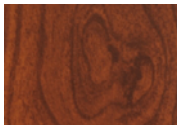
Inox Spazzolato 17GR

Ivory Spazzolato 22GR

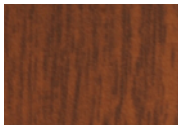
Naturale Spazzolato 1G

Nero Opaco 10M

WOOD EFFECT


Castagno Texture CE802TX

Ciliegio Liscio CE303L


Ciliegio Texture CA802TX

Embero Texture EM802TX

Legno Bianco MB704TX

Noce Liscio NO401L

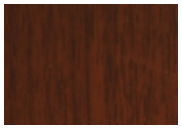
Noce Texture NO802TX

Pino Liscio PI303L

Pino Texture PI302TX

Quercia Liscia RO303L

Quercia Texture RO302TX


Sapelli Liscio SA401L

Sapelli Texture SA802TX

TEXTURED

PE1013TD

PE1015TD

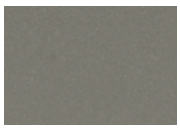
PE5003TD

PE5008TD

PE6005TD

PE6009TD

PE7001TD


PE7012TD

PE7016TD

PE7035TD

PE7037TD

PE7039TD

PE8014TD

PE8017TD

PE8019TD

PE9003TD

PE9005TD

PE9006TD

PE9007TD

PE9010TD

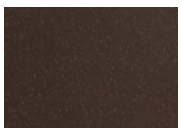
PE9016TD

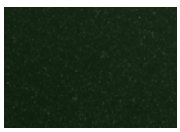
MARBLED

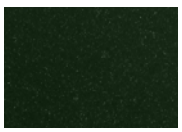
Grigio Maculato M7024NV

Grigio Metallizzato 9006SP

Grigio Texture TX7022DE


Grigio Scuro M8016RH


Verde Maculato M6005NV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