



# GIOCONDA PVC

Top-notch thermal and acoustic insulation, a healthier and more comfortable home environment

## PROFILE DETAILS

5 CHAMBER FRAMES

5 CHAMBER SASH

Glass thickness up to **41mm**

Profile depth **70mm**

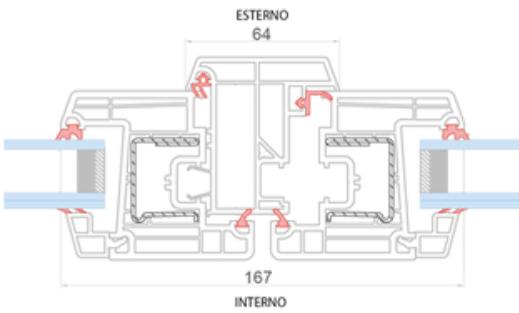
Central node **166mm**



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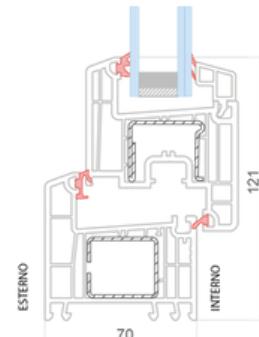
## HORIZONTAL SECTION

Central Node



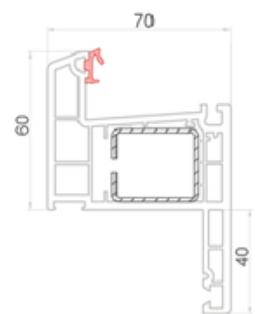
## VERTICAL SECTION

Frame 70

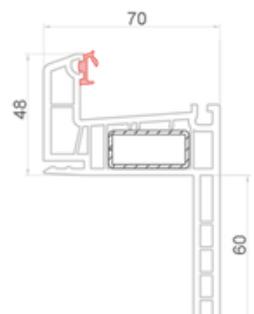


## FRAME VARIANT

Frame Restoration 40



Frame Restoration 60



## FEATURES



### RECYCLED PVC

Our windows are crafted using recycled high-quality PVC, a material that is biodegradable, recyclable, non-toxic, fire-resistant, and eco-friendly. It's a modern, recycled material that ensures elevated standards of strength, lightweightness, and thermal-acoustic performance.



### MICROVENTILATION

Our design philosophy revolves around using energy efficiently, thereby contributing to the reduction of consumption and minimizing environmental impact. Our windows, resistant to water, air, and external elements, have earned the highest certifications for sound insulation and energy efficiency.



### TOULON HANDLE

The Hoppe Toulon handle is crafted with prestigious materials from certified companies. It is a high-level, functional, and aesthetically pleasing handle with an excellent quality-to-price ratio.



### WIDE RANGE OF COLORS

The base body in regenerated PVC, available in various colors, allows for coordination with 42 decorative films from the REHAU color palette to achieve the desired project aesthetics.



### ENERGY GLASS INSULATING UNIT ®

The insulating glass unit features a black warm-edge spacer and Planitherm Infinity coating by Saint Gobain, offering low-emissivity and selectivity (Ug: 1.0 W/m²K for single glazing and Ug: 0.6 W/m²K for double glazing).



### WARRANTIES

Thanks to the outstanding performance and reliability of our windows, we have garnered prestigious certifications from international institutes. We offer a 10-year warranty for white PVC profiles, while coated profiles are guaranteed for 5 years.



### PERFECT WELDING

The welding technology completely eliminates the welding bead from the corner, ensuring an optimal result both aesthetically and with perfectly aligned joints.



### HARDWARE

Standard features include three-dimensional adjustable hinges with a sash/tilt mechanism; silver-colored PVC hinge covers. A lever rod facilitates the lower and upper closure of the passive door. Upon request, concealed hardware can be integrated. The Cremonese lock, made of steel, has 2 anti-burglary locking points.



### SECURITY

All our fixtures come with robust capabilities to impede and thwart burglary attempts. Certified hardware is standard, and upon request, this resistance can be elevated to higher security levels, up to the maximum RC2 security grade. Moreover, the integrated electric contact anti-theft feature is compatible with all home automation systems.

## TECHNICAL PERFORMANCE

### Air Permeability Resistance Class\*

(according to the UNI EN 1026 – 2001 test standard and the UNI EN 12207 – 2000 classification standard)

### Class 4

Indicates how much the fixture is permeable to air passing through it at a pressure of 600 Pa, which corresponds to a wind speed of 115 km/h.

### Water Tightness Resistance Class\*

(according to the UNI EN 1027 – 2001 test standard and the UNI EN 12208 – 2000 classification standard)

### Class 9A for windows, Class 5A for frenchdoors

Indicates the fixture's ability not to be penetrated by water under a pressure of 750 Pascal.

### Wind Load Resistance Class\*

(according to the UNI EN 12211 – 2001 test standard and the UNI EN 12210 – 2000 classification standard)

### • Class

### • B3

### Class 8

Indicates the fixture's ability to resist the wind pressure at a specific speed.

### Acoustic Reduction Certification\*\*

Up to 45dB for sections with a thickness of 41mm

(with glass 44.1 stadip silence Planitherm Infinity +16 argon gas +33.1 stradip protect)

### Thermal Performance Certifications \*\*

Achievable Uw values: 1.3 W/m²K in the version with a thickness of 41mm

Solar Factor: G=0,35

### Declaration of European Conformity



### CE Mark

Products conforming to the European standard EN 14351-1. All our windows are CE marked, according to the law, to ensure maximum peace of mind and security in your home.

\*as per certifications in our possession issued by the ROSENHEIM Institute

\*\* as per certifications issued by the GIORDANO Institute

