



REHAU GENEO HST

patio doors



Interior and exterior solutions ,
made in Europe.
Design, manufacturing and
installation of aluminum &
PVC systems: windows, doors
and patio systems

**The perfect
combination of
barrier-free**



REHAU GENEO HST - who is it the best for?

Evolution Drive lift and slide door

The REHAU GENEIO panoramic window system is designed to let in the maximum amount of light into the room, provide an unlimited view and, what is important, allow free passage between rooms. Opening the lifting and sliding doors GENEIO HST is due to the rotation of the handle 180° down. In addition, large-format Rehau windows provide the highest level of insulation, stability and safety.

Rehau Geneio PVC panoramic windows are able to meet the expectations of modern architecture and are suitable for high-class buildings.



TECHNICAL CHARACTERISTICS

Profile material:
RAU-PVC

Opening type
Lifting and sliding doors

Profile / fold constructive depth::
8" / 3' 3/8"

No of chambers:
5- chamber

Visible profile/fold width:
2' 1/2" / 3' 13/16"

Max. glazing thickness:
Up to 2' 1/16"

Acoustic insulation:
up to 43 Db

Max weight of the sash:
881 lbs

Max size of the sliding sash:
9' 10 1/8" x 8' 10 1/4"

Coefficient of heat transfer resistance:
 $U_w \leq 0,82 \text{ m}^2\text{K/W}$
 $U_g \leq 0,5 \text{ m}^2\text{K/W}$

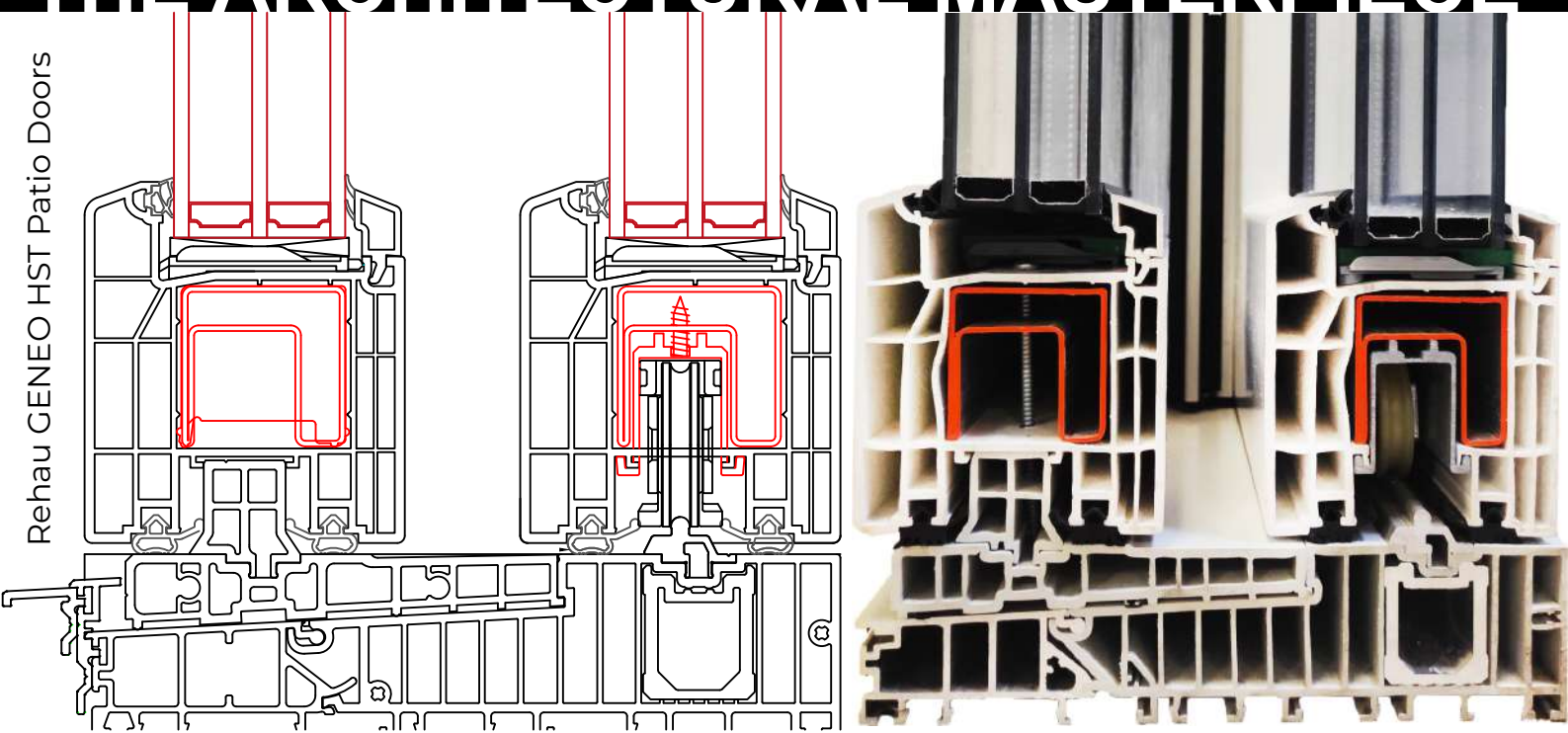
Colours:
wide range - laminating, painting or aluminum skins

Air permeability:
Class 4 as per EN 12207

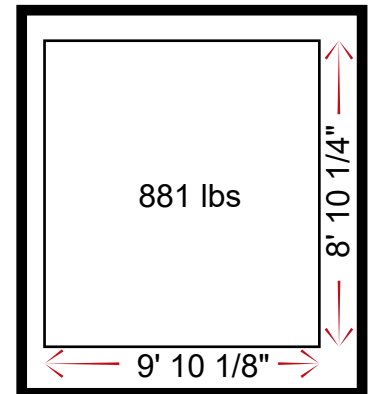
Water resistance:
Up to Class 9A as per EN 12208

Anti-burglary protection up to class:
WK2

THE ARCHITECTURAL MASTERPIECE



More about the strengths of REHAU GENEIO HST



RAU-FIPRO® material, is widely used in aviation technologies and in Formula 1, enters the field of our window technology. This means that the profile's resistance to temperature changes increases by 50% compared to classic vinyl windows, which results in greater stability of the entire window.

Through the glazed surfaces you have more light in the room. The threshold is mounted in the floor so that the passage from the inside to the outside is carried out at the same level.

Allows large glazing (maximum length: 32' 9 11/16"

Smooth and silent running

High thermal coefficient and guaranteed sound insulation

As you have noticed, the Hightech RAU-FIPRO material provides superior thermal insulation of the access area. For exceptional thermal insulation, the HST sliding doors with lifting system are equipped with heat barrier fittings and multi-chamber frames.

With an exclusive lifting system, lateral sliding of the doors forms a small assembly and the movement can be automated, which is impossible with other systems.

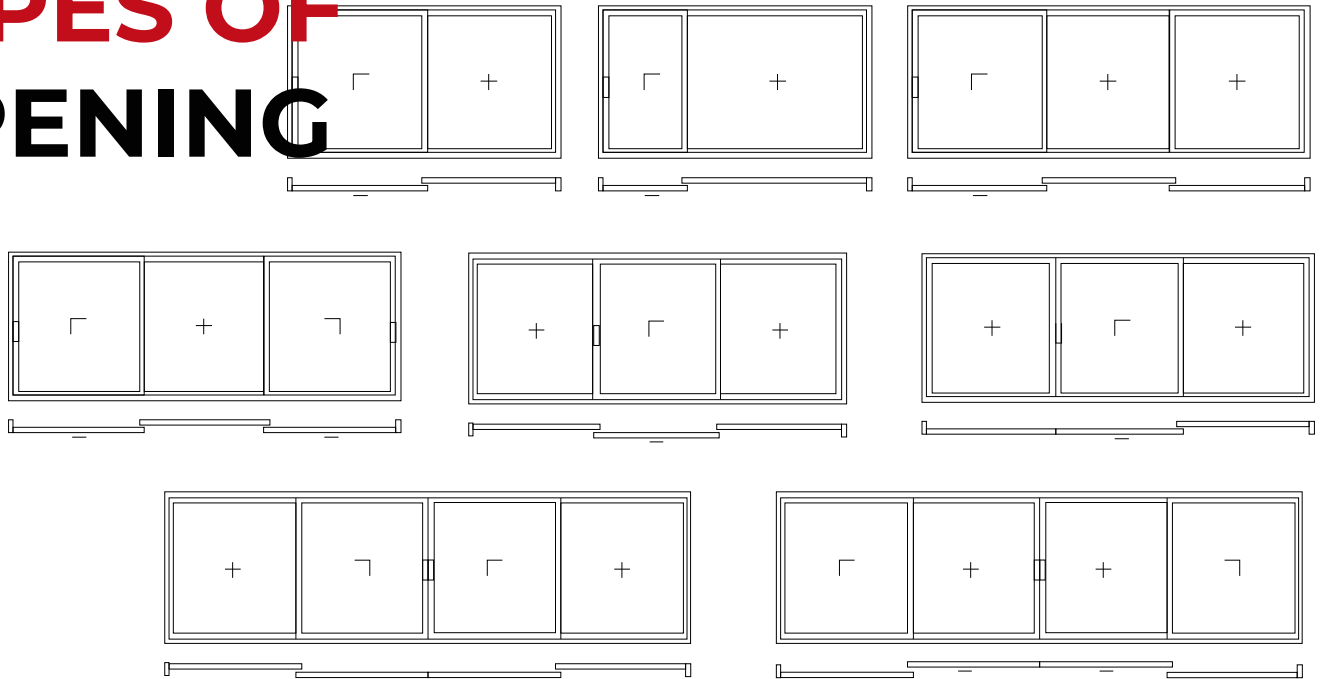
Resistance and high degree of manoeuvrability

The HST Geneio sliding doors with lifting system are durable assemblies thanks to the steel reinforcement. The good news is that they can be permanently improved by installing 2' 1/16" thick insulated glass and by cladding with aluminium skins.

Despite these durable materials, HST doors are easy to handle thanks to the special system of smooth lifting and sliding.

HDF (High Definition Finishing) coating * provides dazzling gloss and amazing surface smoothness. Thanks to it, Rehau Geneio windows become more resistant to dirt and dust sticking. Your home will shine because you will keep your windows clean for a longer time.

TYPES OF OPENING



COLOUR TO YOUR WINDOWS

LAMINATION

Choose from a wide range of options. We've got solutions to satisfy all needs and preferences.

PAINTING

Solution for the most daring ideas. With the RAL Design professional colour design scheme, we can embody any creative concept for the most dazzling architectural projects.

ALUMINUM SKINS

Units with external aluminum skins combine the energy-saving properties of plastic with the visual perfection and beauty of aluminum. As such, this finishing will satisfy the most demanding customers. In addition, the skins allow you to place the necessary architectural accents and use PVC structures in modern aluminum facade construction.

PATIO DOORS HANDLES

The handle design emphasizes the style and quality of modern patio doors.

Patio door handles are used to open and close sliding glass doors. They come in various styles and multiple finishing options to match the door and interior design overall. When choosing a handle, consider esthetics and ensure that it is easy to grasp and made of durable materials.

