



# REHAU SYNEGO HST

*patio doors*



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

**Improved quality  
of life through  
indoor comfort.**



# REHAU SYNEGO HST - who is it the best for?



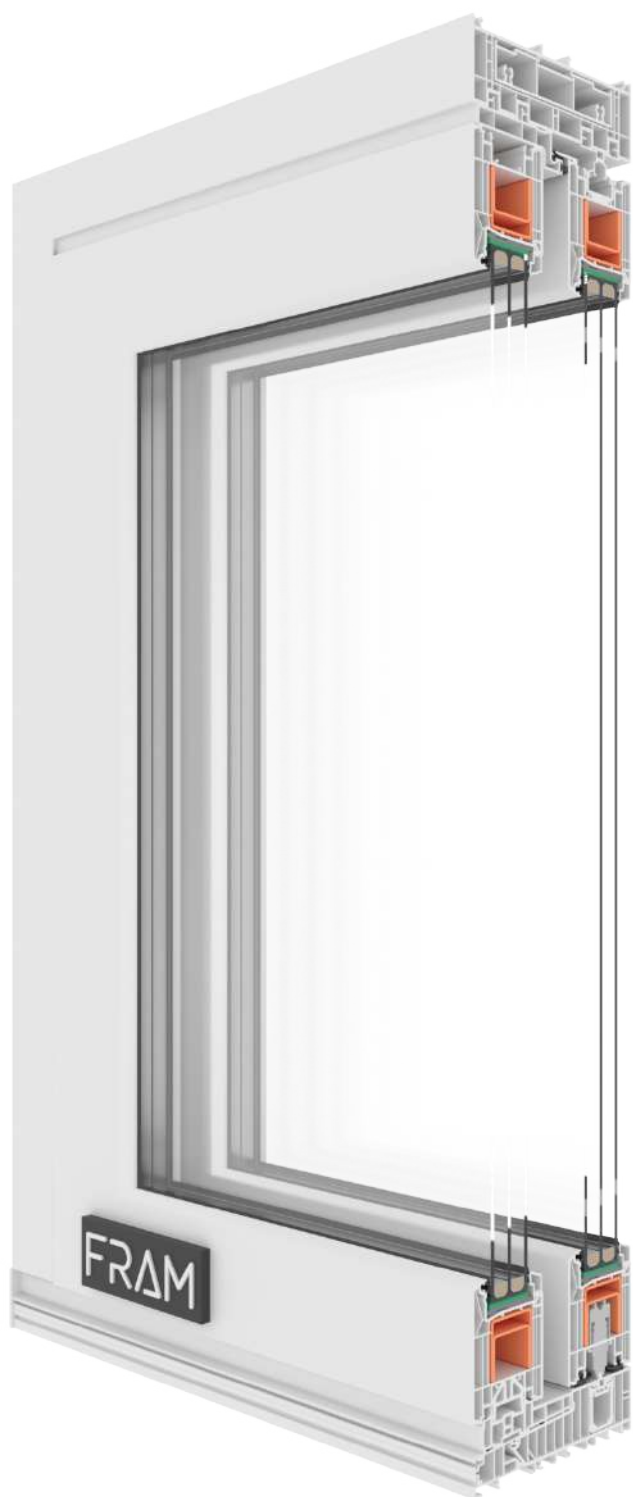
**High quality  
materials  
and  
exceptional  
design**

Inside and outside become one. SYNEGO lift and slide doors: REHAU brings nature into your living room. For a light-flooded home with a panoramic effect. Windows reinvented. For today's life.

Enlarge your living space. Flowing transitions between inside and outside create unique living comfort. Bring the terrace and garden into the house with SYNEGO lift and slide doors.

Synego HST allows you to create sliding doors with floor-to-ceiling glazing.

The product will fit into every taste and meet even the highest expectations of customers when it comes to thermal insulating properties.



# TECHNICAL CHARACTERISTICS

**Profile material:**  
RAU-PVC

**Opening type**  
Lifting and sliding doors

**Profile / fold constructive depth::**  
7' 1/2" / 3' 1/8"

**No of chambers:**  
5- chamber

**Visible profile/fold width:**  
2' 1/2" / 4"

**Max. glazing thickness:**  
Up to 2"

**Acoustic insulation:**  
up to 43Db

**Max weight of the sash:**  
881 lbs

**Max size of the sliding sash:**  
9' 10 1/8" x 8' 6 3/8"

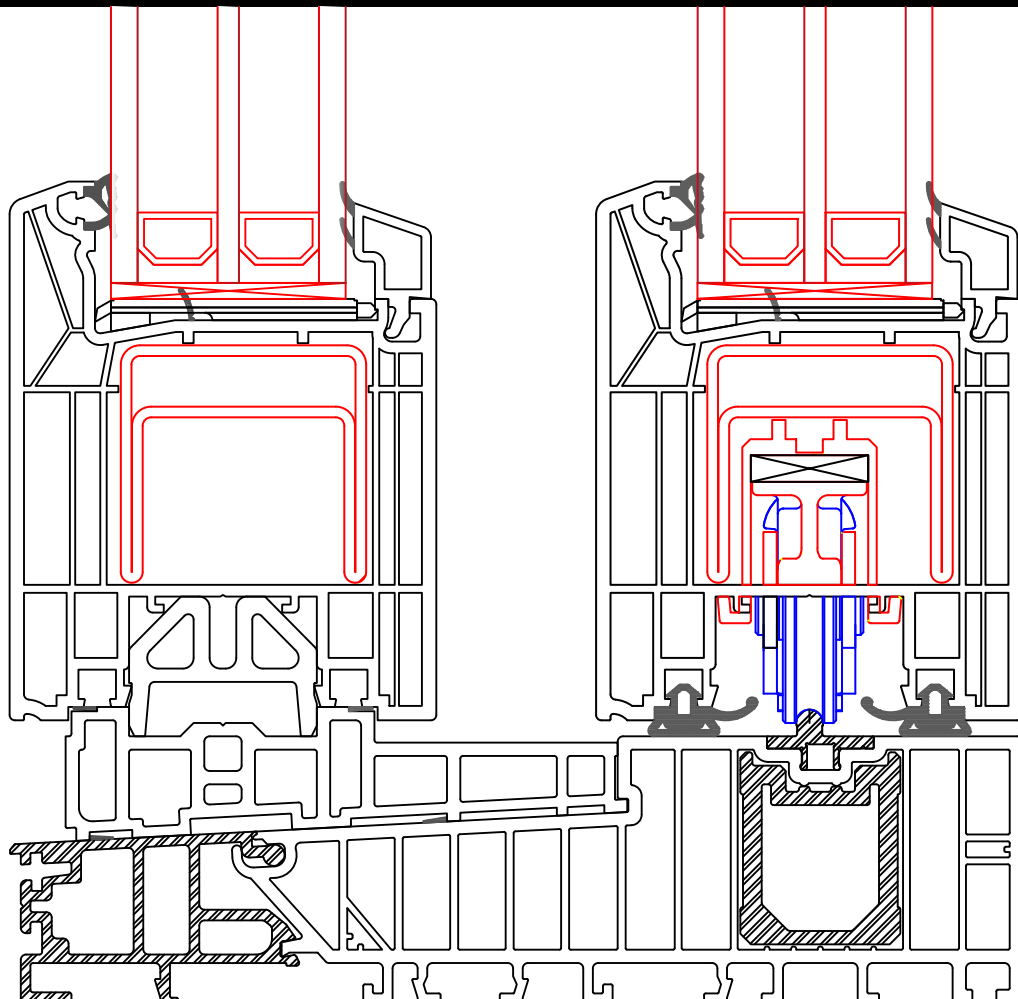
**Coefficient of heat transfer resistance:**  
 $U_w \leq 0,82 \text{ m}^2\text{K/W}$   
 $U_g \leq 0,5 \text{ m}^2\text{K/W}$

**Colours:**  
wide range - laminating, painting or aluminum skins

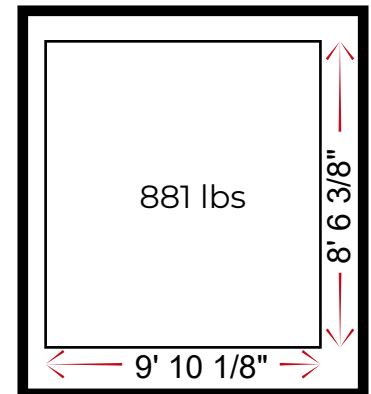
**Air permeability:**  
Class 4 as per EN 12207

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

**Anti-burglary protection up to class:**  
WK2



# More about the strengths of REHAU SYNEGO HST



## Just huge

With a maximum element width of 32' 9 11/16" and a height of up to 8' 6 3/8", you have a wide range of design options for your home. With the SYNEGO lift-and-slide doors, you can realize passage widths of up to 16' 4 7/8" - so inside and outside become one.

Even more light thanks to panorama variation SYNEGO lift and slide doors offer excellent stability with low weight, are easy to handle and easy to slide. Thanks to the frame that is up to 65% narrower, the panorama variation shines with maximum incidence of light and an even better view.

**More rest and healthier sleep**  
Whether annoying traffic noise or the disturbing lawnmower of the neighbor: With SYNEGO lift-and-slide doors, you can simply shut out the noise and turn your home into a true oasis of peace.  
Up to 20 times the noise reduction

Convincing ease of movement, various opening options and easy cleaning - enjoy the convenience of SYNEGO HST.  
In combination with various hardware features, you can configure your personal model. Special hardware solutions make opening and closing child's play, while optional electric motors provide additional convenience. In combination with a special damping mechanism, the lift and slide door slides gently into the closed position and closes reliably - for maximum security. In addition, special threshold solutions ensure almost barrier-free access.

**More warmth and energy efficiency**  
SYNEGO lift-and-slide doors are a real savings program thanks to their excellent thermal insulation properties.  
Enjoy the cozy warmth and reduce your energy consumption.

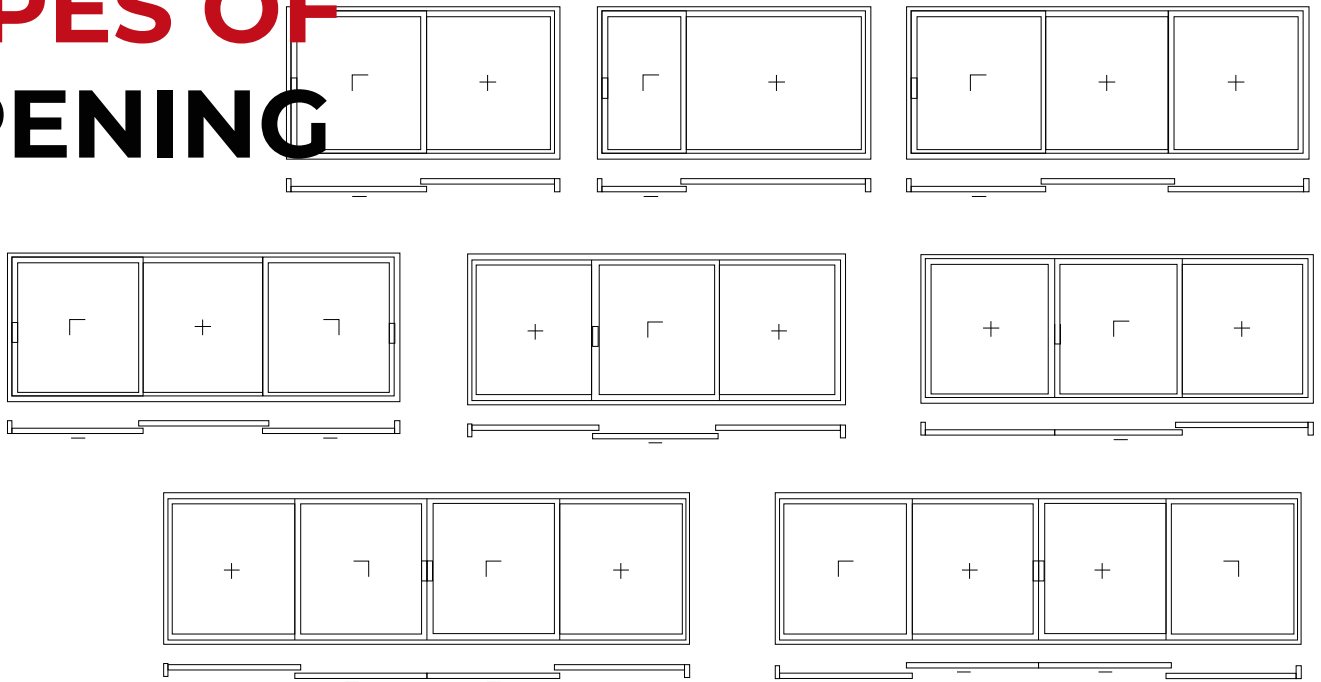
## Absolute ease

SYNEGO lift-and-slide doors not only look radiant, they also offer you full functionality even after many years. A special carriage housing guarantees the precise installation and thus the safe functionality of the hardware components. The special sealing system protects you from drafts and moisture and at the same time ensures an optimized closing pressure. This makes your sliding doors much easier to open and close.

HDF (High Definition Finishing) coating \* provides dazzling gloss and amazing surface smoothness.  
Thanks to it, Rehau Geneo 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.

