



REHAU SYNEGO AST

patio doors



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



The innovative closing mechanism allows simple and intuitive use

REHAU SYNEGO AST - who is it the best for?



Experience the new lightness

We recommend the REHAU SYNEGO AST sliding doors to our customers because of their ease of use and reliability. By choosing the SYNEGO AST system you can save the time needed for installation and servicing.

Thanks to fittings, the doors close easily and reliably. SYNEGO AST patio doors are also cheaper and tighter than HST doors, and at the same time – they are lighter and equally easy to install.

These doors have all the advantages of HST. They are equally intuitive to use and reliable, but much cheaper.



TECHNICAL CHARACTERISTICS

Profile material:
RAU-PVC

Opening type
Lifting and sliding doors

Profile / fold constructive depth::
6' 1/8" / 3' 1/8"

No of chambers:
5- chamber

Max. glazing thickness:
Up to 2"

Acoustic insulation:
up to 43Db

Max weight of the sash:
440 lbs

Max size of the sliding sash:
6' 6 3/4" x 8' 2 7/16"

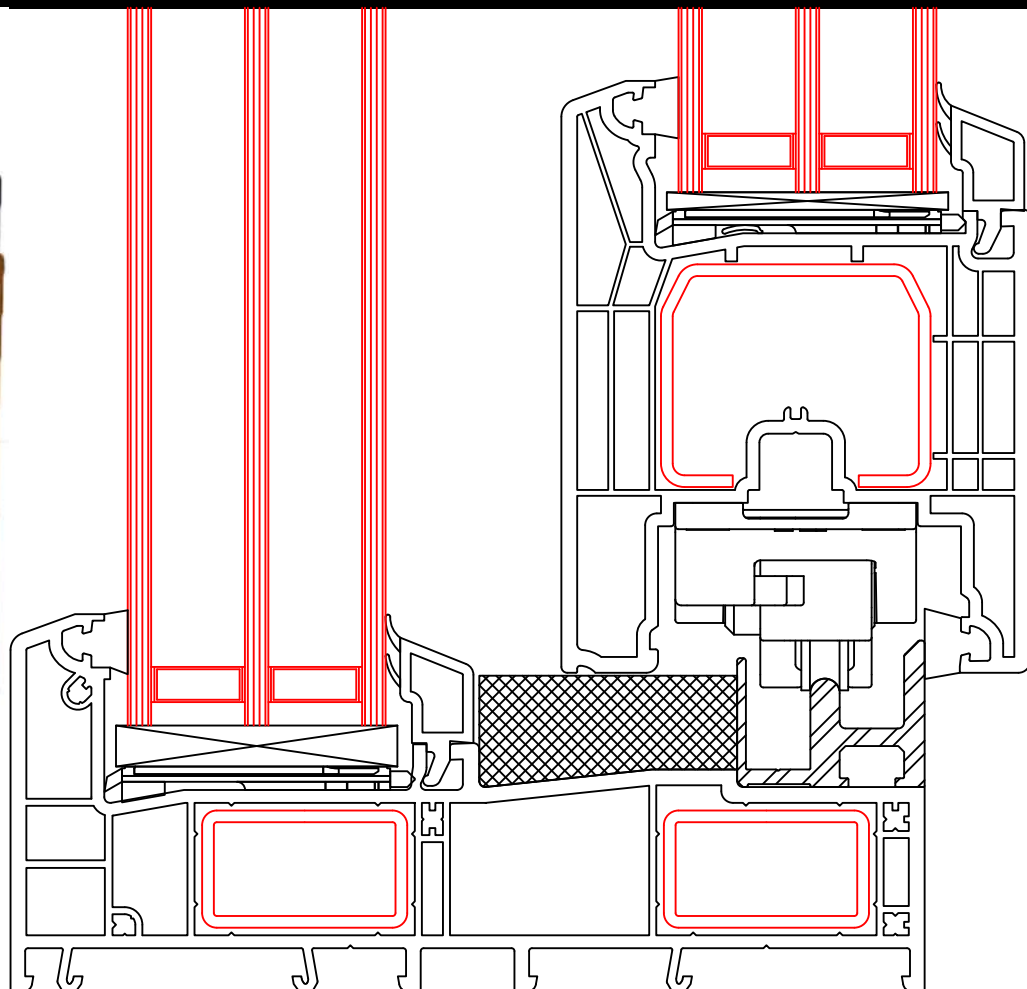
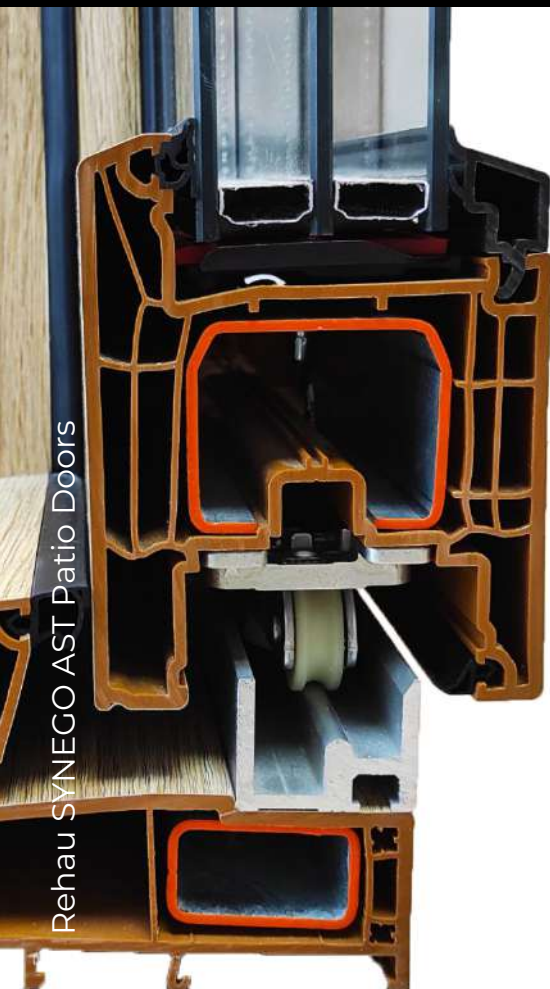
Coefficient of heat transfer resistance:
 $U_w \leq 0,73 \text{ m}^2\text{K/W}$
 $U_g \leq 0,5 \text{ m}^2\text{K/W}$

Colours:
wide range - laminating, painting or aluminum skins

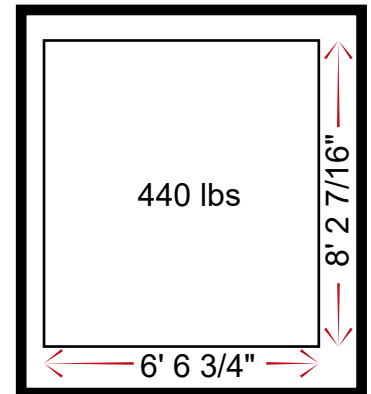
Air permeability:
Class 4 as per EN 12207

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

Anti-burglary protection up to class:
WK2



More about the strengths of REHAU SYNEGO AST



More space for living space
When planning your property - whether it's a new build or renovation - you can now create more space and implement modern living concepts. The sliding windows enable space-saving openings and an attractive connection between inside and outside. Of course with the convincing ease of movement of the SYNEGO AST product family.

Closes almost by itself
The innovative closing movement of SYNEGO AST is very easy and takes no time at all. It enables a completely new, particularly easy and user-friendly operation of the sliding door or sliding window. Opening and closing goes almost by itself and is possible with minimal effort.

Pleasant warmth

SYNEGO AST - excellent thermal insulation properties. The energy loss to the outside is minimized so that the heat stays in the rooms.

Quiet home

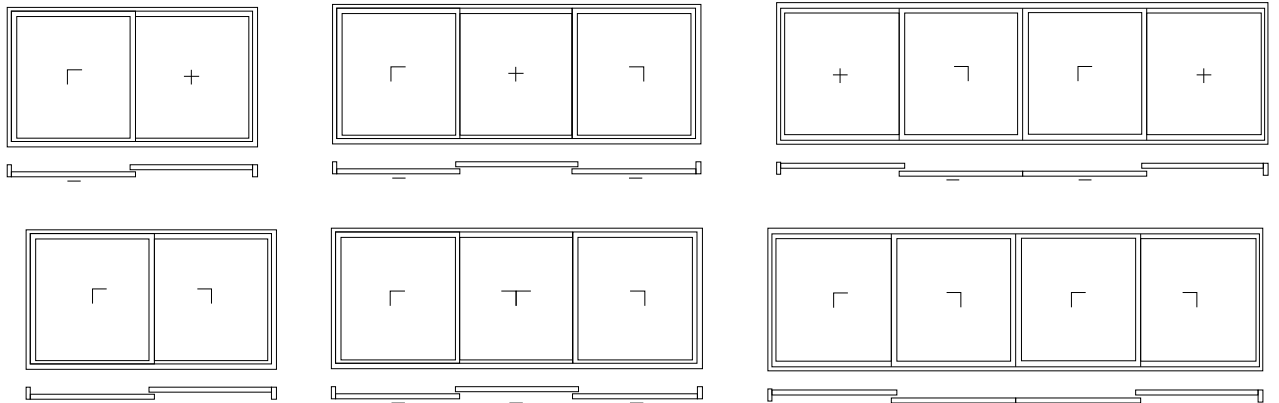
As in the tried-and-tested SYNEGO basic profile system, high-quality noise and heat insulation glass can be used with SYNEGO SLIDE. This not only supports energy efficiency, but also ensures that noise stays outside. The system thus ensures an improvement in the quality of life, as it reduces noise by up to 43 db. This corresponds to a noise reduction of up to 20 times.

In harmony with sustainable development Rehau believe that care for the environment and prudent use of raw materials and energy extends beyond the overall product life cycle. According to recycling concept, company collects production waste and old windows for reuse. obtained raw materials are fully processed and refined during the production process - without losing quality.

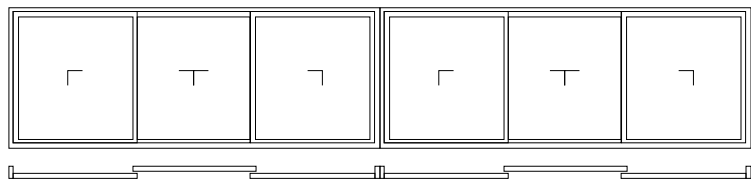
Safety up to resistance class RC 2

Windows with resistance class RC 1 have a low burglary protection and can therefore be overcome in a relatively short time. With higher resistance classes, on the other hand, significantly more time and, above all, tools are required. SYNEGO SLIDE sliding windows and doors achieve a resistance class of up to RC 2.

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.

