



SEEMRAY
YOUR HOME YOUR WAY

GLOBAL 86™ Series

European Windows and Doors

German Passive House certified, steel reinforced RAU-FIPRO® (uPVC and Fiberglass composite) windows with unmatched energy efficiency.

Tilt and Turn | Tilt and Slide | Lift and Slide | Other

www.seemray.com

SEEMRAY

Global 86™

The Global86™ series, our premium tilt and turn windows, are even stronger and more energy efficient than our standard series. Able to be tilted open at the top and swung open from the side, these windows give you the perfect balance. These windows meet all Passive House requirements for energy efficiency.

Our beautifully designed, premium German quality tilt and turn windows will make your home filled with light and joy. Let us get you a free, no obligation estimate today, for your dream windows.



U-Value: Down to .13



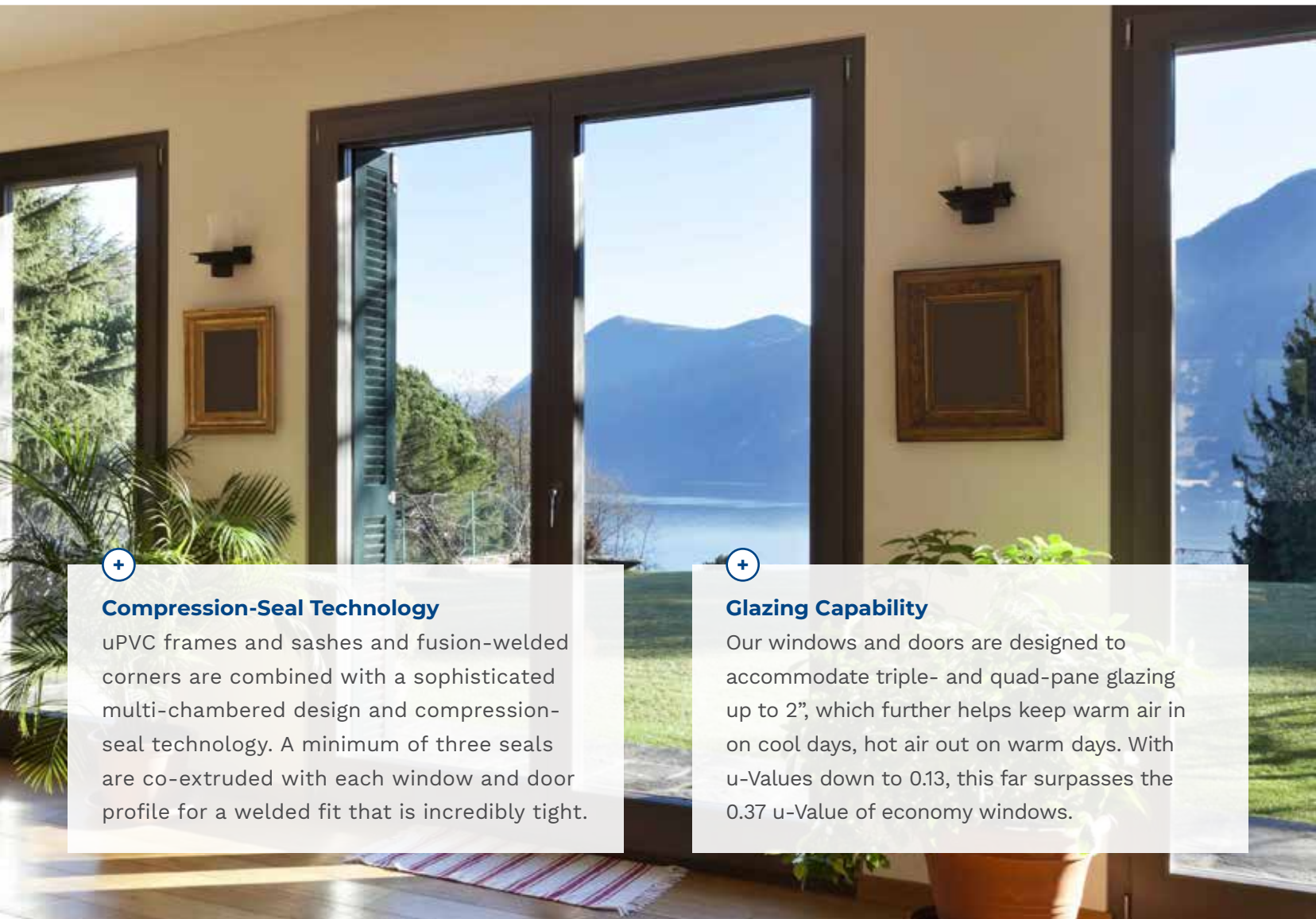
Passive House



uPVC Formulation

REHAU's RAU-FIPRO® secret uPVC formulation and proprietary extrusion technology create window and door profiles with outstanding thermal performance of up to 35% better than other residential vinyl windows.





Compression-Seal Technology

uPVC frames and sashes and fusion-welded corners are combined with a sophisticated multi-chambered design and compression-seal technology. A minimum of three seals are co-extruded with each window and door profile for a welded fit that is incredibly tight.



Glazing Capability

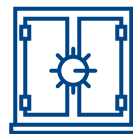
Our windows and doors are designed to accommodate triple- and quad-pane glazing up to 2", which further helps keep warm air in on cool days, hot air out on warm days. With u-Values down to 0.13, this far surpasses the 0.37 u-Value of economy windows.

Quick Comparison Facts



2x efficiency

Our Global86™ windows are 2x more energy efficient than what is required by ENERGY STAR® certification standards.



4x stronger

A steel reinforced frame strengthens the entire window, keeping the structure intact without bending. Guaranteed for 100 years.



2x soundproof

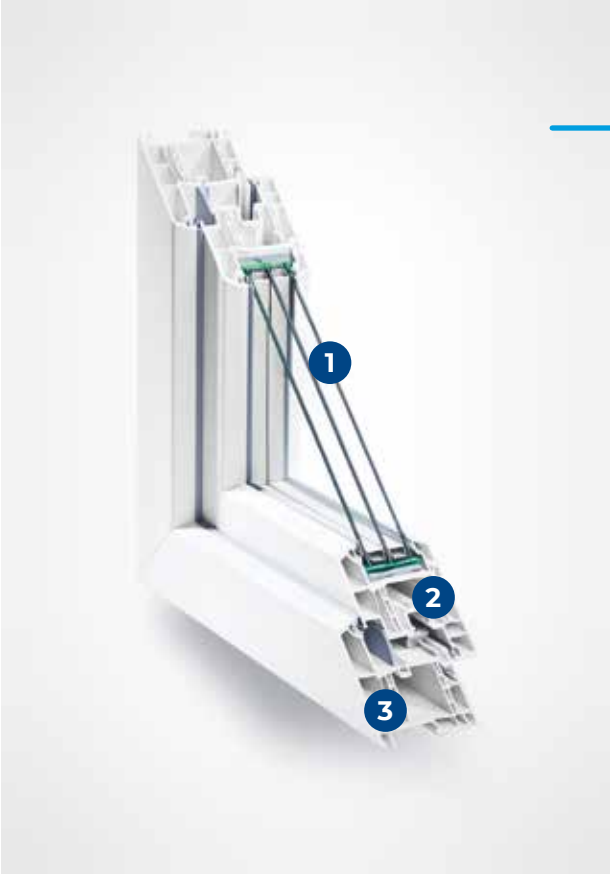
Global86™ windows are 2x more soundproof than that of most architectural-grade windows, keeping out the sounds of lawnmowers, cars, etc.



3x secure

With a 10-point locking system and optional Super Triplex laminated or tempered glass, these windows are 3x more secure than the average window.

Design and Technology



- ① 1/6" thickness glass.
- ② 5 chamber sash for increased thermal performance and greater security
- ③ 6-chambered outframe for enhanced thermal performance without compromising on structural capability.

i Performance Summary

Structural:	up to	CW-PG70
Impact:	up to	DP80
Acoustical:	up to	41 dB
Thermal:	down to	0.13
SGHC:	down to	0.12



The Global86™ difference

- ✔ 2 3/4" thick Rehau uPVC Frame which will never chip, crack, warp, or peel.
- ✔ Double weather stripping throughout, with polymer compression seals to eliminate air and water infiltration.
- ✔ Isolated warm edge spacer technology in every Global70™ and Global86™ window.
- ✔ Minimum 1/6" thick glass for utmost energy efficiency and reliability.
- ✔ 10-point locking system around the entire perimeter for perfect soundproofing and optimum security and airtightness, for common sized window.
- ✔ Low-e coated glass protects from dangerous UV lights and saves your energy bill.
- ✔ A limited lifetime warranty which covers every Seemray window from top to bottom.
- ✔ Metallic frame profile strengthens entire window.



Tilt-and-turn option

TILT
Secure ventilation



TURN
For cleaning,
maintenance or egress

LOCKED
All locking points engaged

Closed Position



Tilt Position



Open Position





Color Options



Haogenplask
birch tree



Haogenplask
light oak



Haogenplask
pine tree



Haogenplask
black



Renolit
chocolate brown



Renolit
dark oak



Renolit
golden oak



Renolit
nut tree



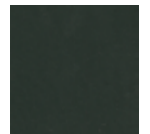
Haogenplask
cloudy gray



Haogenplask
pearl white



Haogenplask
sea blue



Renolit
anthracit grey



Renolit
sapele



Renolit
anteak

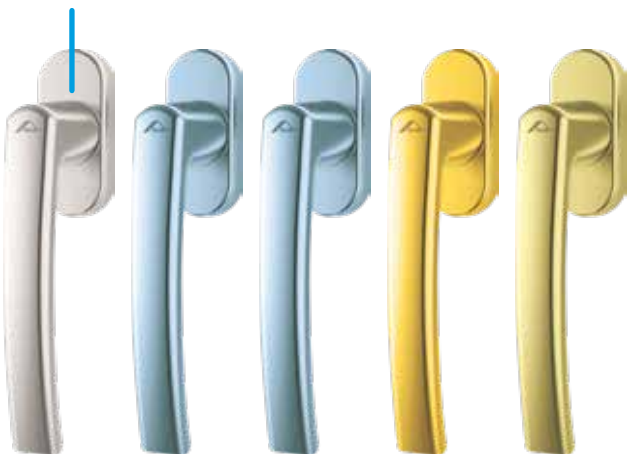


Skai
anthracite gray



Skai
silver

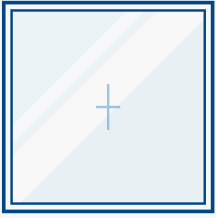
Handle Options



No extra charge



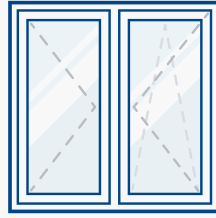
The Following Styles are Available



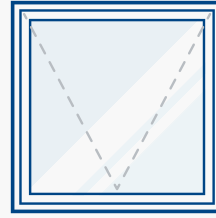
Fixed windows



Tilt-and-turn windows



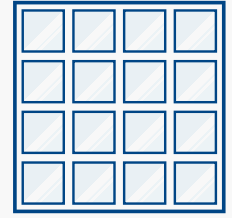
French windows



Tilt-only windows



Inward opening awning windows



Curtain wall windows

Privacy Glass Available



Decormat



Crepe



Master Ray



Master Point



Rain



Sand Flutes

Available Enhancements



Impact-Rated

An optional upgrade is a Hurricane-Proof Triplex glass, 2mm thick glass panes glued together, working as a car wind-shield. It offers extra impact resistance and security. Damaged glass won't shatter, instead will crack, which keeps home temporarily secured until window is replaced.



Triple Glass

Upgrade the insulated 32mm glass to triple pane and/or extra thick 1/4" glass panes to bring the u-value down to .16.



40% UV Coating

Another addition can be special glass powder coating, which offers additional UV protection and reflection of up to 40%, and replace the need of a protective glass screen. This offers additional savings on AC energy during summer months.

Tilt-and-Slide Doors

Our tilt and slide doors are the perfect addition to connect your home to the outside. These doors are able to tilt open at the top or slide open like a sliding door. Let us get you a free, no-obligation estimate today for your dream patio doors.



How it Works

LOCKED

All locking points engaged



TILT POSITION
Secure ventilation

SLIDE POSITION

All locking points engaged

Closed Position



Tilt Position



Slide Position



More Info

The Seemray tilt-and-slide system is a premium door solution for spaces that do not allow for traditional inswing doors. The unique sash design tilts and slides parallel to the fixed unit with the touch of a finger. Optimal profile design and compression-seal technology contribute to outstanding performance. Available in white, beige or clay colors, the system can also be laminated with solid color or wood-grain foils. Matching windows in a variety of configurations are also available.



1. Unique design

Operates in top venting and sliding positions.

2. Multiple locking points

Create a tight seal against sound, air and water infiltration.

3. Ergonomically shaped aluminum turn handle

Controls every function.

4. High-quality European hardware

Operates easily and quietly.

5. Built-in security in tilt position

When in the tilt position, the sash automatically engages the locking mechanism providing security against being pulled open.

6. 1 3/8" (35 mm) glazing channel

Accommodates triple glazing, increasing energy efficiency and acoustical properties.

7. 2 3/4" (70 mm) and 3 2/3" (93 mm) frame depth

Provide flexibility for new construction and replacement projects.

8. Structural T-mullion profile

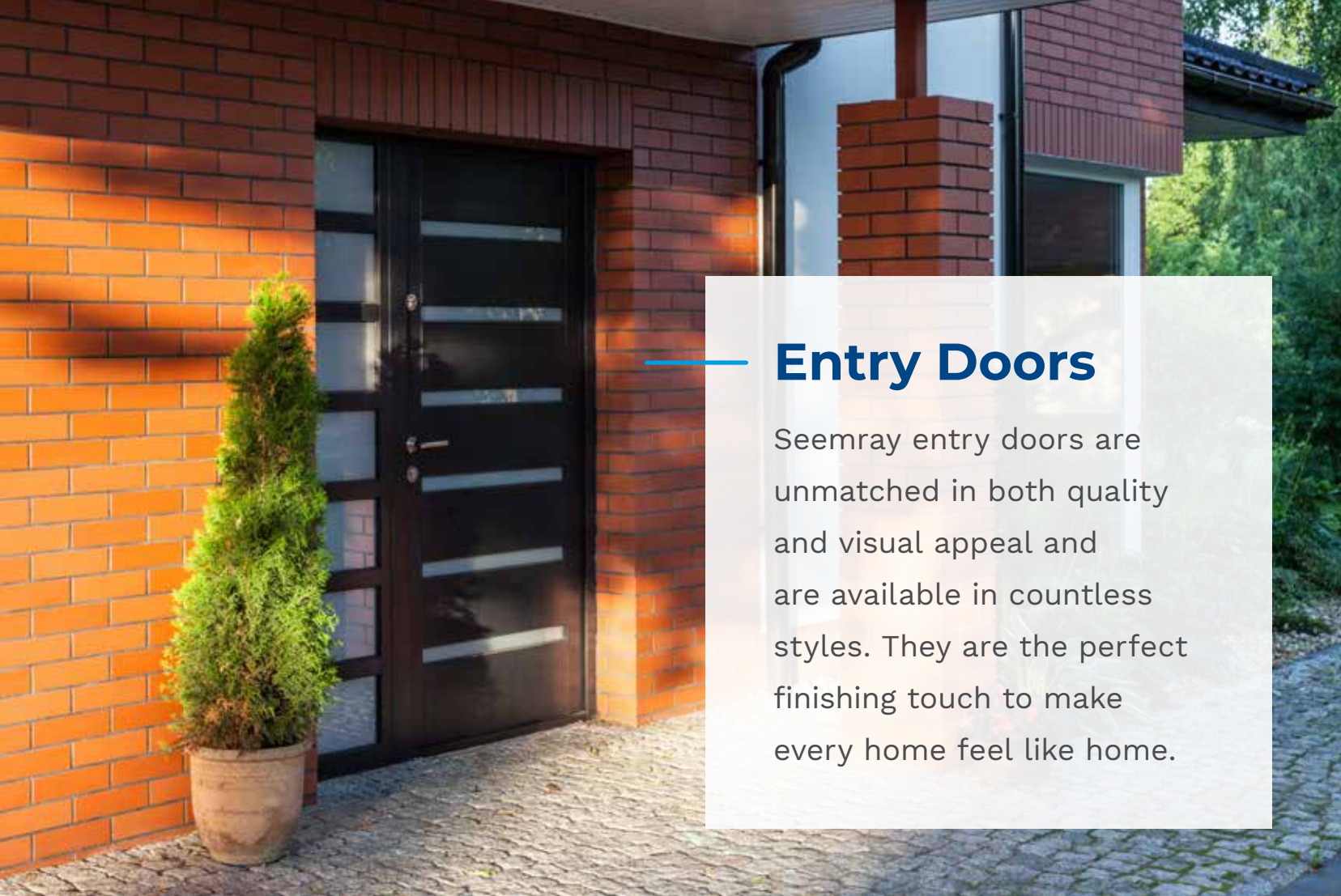
Allows door to be configured as multiple panels.

i Performance Summary

Structural:	up to	CW-PG75
Impact:	up to	DP65
Acoustical:	up to	41 dB
Thermal:	down to	0.18*
SGHC:	down to	0.15

* — based on simulation

Whether you need a way to provide extra airflow into your home or just want a smooth sliding door to use time and time again, our tilt-and-slide doors provide you with the best of both.



Entry Doors

Seemray entry doors are unmatched in both quality and visual appeal and are available in countless styles. They are the perfect finishing touch to make every home feel like home.

Our Doors

Our vinyl entry doors are available in two major styles, which are able to be customized to best fit your home and personality.

G-Model



As solid as they come, our G-Model vinyl entry doors are strong, sturdy, beautiful, and available in a wide range of colors and designs.

Impact



Featuring large panes of glass, our Impact vinyl entry doors are able to add a statement to any home as well as present top-of-the-line security.

Lift-and-Slide Doors

Our lift and slide doors are some of the smoothest and most visually appealing sliding doors on the market. They are guaranteed to lighten up your home and operate just as easily. Let us get you a free, no-obligation estimate today for your dream patio doors.

How it Works

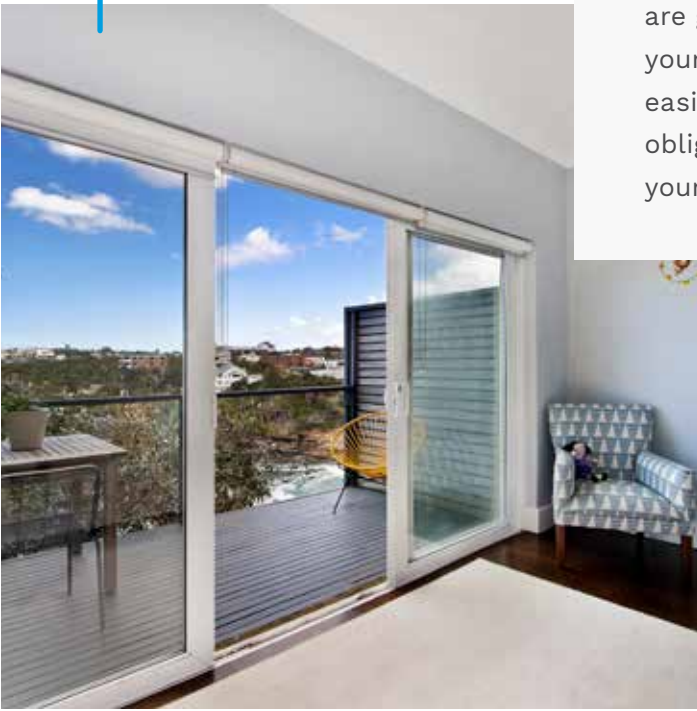
LOCKED

All locking points engaged



SLIDE

Easily slide the door with just a touch



Closed Position



Slide Position



Tilt-and-Open Doors

Our tilt and open doors are able to tilt open at the top or swing open like a normal entry door. They are easy to operate and are perfect for letting fresh air into your home. Let us get you a free, no-obligation estimate today for your dream patio doors.



How it Works

TILT

Secure ventilation



TURN

For cleaning, maintenance or egress

LOCKED

All locking points engaged

Closed Position



Tilt Position



Slide Position





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