

**Engineering progress
Enhancing lives**

Aspekt+

Out-swing casement window designed to meet stringent Passive House requirements while addressing the growing demand for larger windows in construction.

na.rehau.com/aspektplus



Going beyond the standards.
Aspekt+ 1800 casement boosts
dimensions, function, design and
performance.



While many make the claim, only a few window systems are designed to truly go beyond the standard performance requirements in both residential and commercial environments, while offering distinct design options that accommodate every building.

REHAU's new generation of casement system adds the well-known benefits of RAU-FIPRO® to the sash profile allowing you to boost dimensions, function, design and performance. [The Aspekt+™ 1800 delivers on these claims and more.](#)





Enhanced sash in
RAU-FIPRO glass-fiber
reinforced PVC to meet
stringent Passive House
requirements, and a
modern design aesthetic
that allows you to have
bigger views.

The image is a 3D cutaway diagram of a window assembly. It shows the internal structure of the window frame and sash. The frame is made of a white material with a complex, multi-chambered profile. The sash is also made of a white material and is shown in a partially open position. The window is set in a wall with a textured, greyish-brown surface. The background is a light blue gradient.

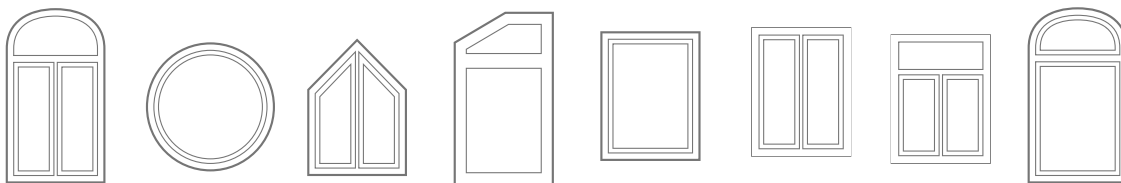
Features & benefits

- Fully self-reinforced sash profile with REHAU's proprietary RAU-FIPRO material, provides superior thermal comfort, acoustic insulation and structural values.
- Proprietary, co-extruded triple-seal technology delivers optimal compression to augment the system's insulating properties against air and water. Their highly elastic, load-resistant material provides a long service life.
- Fusion-welded corners offer increased thermal and acoustical performance properties.
- Sophisticated multi-chambered profiles for superior thermal efficiency.
- Multiple locking points surrounding the sash create extra security, tighter sealing and comfort.
- Frame designs accommodate extensive selections of supplementary profiles, providing a wide variety of mulling and installation options
- Frame and sash sightlines allow for more daylight opening and increased thermal performance.
- T-mullion profile design enables multiple-lite configurations within a single perimeter frame saving fabrication time and reducing potential sources for air and water leakage.



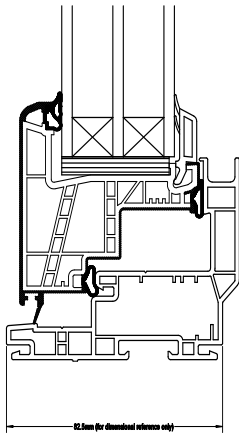
Countless shapes and colors

Aspekt+1800 allows for a wide choice of customized shapes, e.g., round, half-round, triangular, rake-top, ellipsoidal windows. In addition, extensive design variations with brilliant colors and patterns will liven up any building interior and exterior. Unleash your creativity with 1,500+ design options.



Wood					
	Mahogany	Soft Cherry	Golden Oak	Light Oak	Irish Oak
Solid					
	Silver	Bronze NA	Midnight	Black Smooth	Anthacite Grey
Profile					
	White	Clay			





Specifications

Window types	Casement, awning and fixed windows
Material	uPVC with RAU-FIPRO sash
Sealing system	Triple seal system
System depth	3 1/4, 3 3/8 and 3 1/2 in (83, 86 and 89 mm)
Hinge allowance	0.45 in (11.4 mm)
Max. glazing capability	Up to 1 11/16 in (43 mm)
Sightlines frame / sash	3.36 in (85.3 mm)
Colors	White and clay; woodgrain and solid color films can be laminated on the inside and outside of surface

Performance

U-values	Down to 0.14*
Performance class	CW-PG 100**
Sound reduction	Up to 42 Db, OITC 34**

Multi-chambered sash and frame

Profiles are designed for increased structural capacity and strength. Steel reinforcement is not needed for windows up to 76 in (1.9 m) in height. The glass-fiber self-reinforced PVC sash is designed particularly for the Aspekt+ 1800.

More versatility for hardware

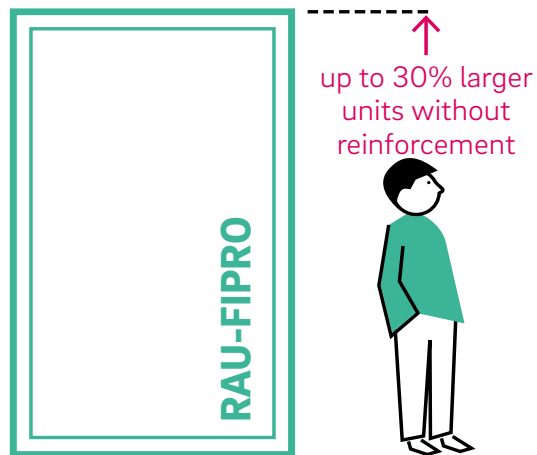
Designed to work with many different hardware options, the Aspekt+ 1800 satisfies a greater variety of preferences and custom looks.

A wide range of configurations

The standard 3 1/4 in (83 mm) frame depth is ideal for retrofit applications. A 3 3/8 in (86 mm) and 3 1/2 in (89 mm) frame depths are suitable for deeper wall construction. Frames are available with or without integral nailing fins. All frames have an accessory groove built in on the interior and exterior that allows for multiple finishing options including connecting frames. With the Aspekt+ 1800 design, casement, awning and fixed configurations are possible.

Proven track record

REHAU casement windows have been the product of choice in numerous residential and light-commercial applications for many years. Naturally, our design has been updated to address changing preferences for styling and design and now, we bring to you Aspekt+, with RAU-FIPRO sash, in order to meet and exceed future energy-performance requirements.



Fully self-reinforced sash, with RAU-FIPRO extending right into the fusion welded corners, provides excellent stability and torsional rigidity making it possible to build larger windows – **without the need for metal reinforcement.**

For more information, visit
www.na.rehau.com/aspektplus
United States
Phone (800) 247-9445

For updates to publication, visit na.rehau.com/resourcecenter

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1800.500 en 05.2022