REHAU ÄSPEKT™ WINDOWS
Because you deserve worry-freedom
Who doesn’t dream about windows that can go big, exceed all specified requirements and practically install themselves? Windows that make residents comfortable and happy and keep them happy for decades? Wake up to the reality of REHAU ÅSPEKT. ÅSPEKT is not just a commercial casement window. It is a unique combination of superior material formulation, structural integrity and outstanding thermal, acoustic and air and water performance. Sounds pretty amazing? We know; we designed it!

Fusion-welded corners
In addition to the benefits of uPVC’s thermal properties, ÅSPEKT’s fusion-welded corners greatly reduce leakage potential and the need for costly sill pans/pan flashing systems.

Steel reinforcement
ÅSPEKT’s sophisticated multi-chambered design accommodates steel reinforcement and allows for big window elements. This, in turn, provides greater daylight openings and brighter interior designs.

Integral water management
As opposed to accessory gutter systems, ÅSPEKT’s integral water drainage system allows rain water to drain from the window system to the building exterior without entering the building envelope. This integral water management system is completely hidden and invisible.

Proprietary, highly engineered triple-seal technology
ÅSPEKT’s three continuous seals improve the system’s insulating properties. This highly elastic, load-resistant material provides a long service life. The innovative sealing technology also ensures optimal compression.

Continuous frame design
Building multi-lite configurations within one frame provides greater design flexibility and freedom. ÅSPEKT enables you to stylishly create living spaces with looks your customers crave.

Your comfort is our motivation.
Finding the right product that meets the owner’s expectations is one thing. Finding one that meets mine too, can be a real challenge.
EXCELLENCE
Up to 45% better energy performance*

Let our revolutionary window system ÄSPEKT work for you to achieve better energy savings. The properties of uPVC combined with a sophisticated multi-chambered design, elevated by a proprietary, highly engineered triple-seal technology – these are the ingredients that enable ÄSPEKT to outperform alternative window systems.

For a 10,000 ft² window area, for example, this means heating energy savings of up to $14,000 in Maryland or up to $21,000 in Wisconsin, just in the first year, with ÄSPEKT vs. comparable aluminum casement windows.

With glazing capabilities of up to 1 3/8” and no thermal bridging, ÄSPEKT’s outstanding U-value of 0.17 is within your reach. And with more than 1,500 design options, you don’t have to limit your creativity.

* vs. comparable thermally broken aluminum casement windows
** cooling energy savings not included in calculation
Staying on schedule and on budget when it comes to installing windows is always a gamble. But not the fun kind.
SIMPLICITY
Up to 55% less installation time*

It is no secret that installing aluminum windows is an endeavor of its own: cutting receptors, sill flashes/sub sills and caulking mechanical corners are among the time-consuming steps. Forget about all of these with ÅSPEKT. Integral water management, optional accessory grooves and nailing fins as well as fusion-welded corners will make life so much easier for you and your team. Cut down on installation steps and components with ÅSPEKT.

In a 500-window project, for example, this means time savings of up to 299 hours with ÅSPEKT compared to aluminum casement units.

Say goodbye to the time-intensive addition of sill pans/pan flashing systems, which are unavoidable when it comes to installing aluminum windows. Say goodbye to deadline-jeopardizing installation procedures and let us take the complexity and tediousness out of your installations with ÅSPEKT. The time for simplicity has come.

* vs. comparable thermally broken aluminum casement windows
Windows are always great when they are new. Having them function and stay dry for decades is the hard part.
**LONGEVITY**
Without mechanical corners, the water stays out – for good

**PEACE OF MIND**
Up to 10 times less leakage potential*

Windows are a major part of the building envelope, expected to play their part in insulating against wind, water, heat, cold and noise. All too often, aluminum windows start leaking water only a few years after their installation. What comes next is far from desirable or pleasant to deal with: angry tenants and the need to replace the windows. With ÄSPEKT's anti-leakage design, we aim to save you and your tenants from this mess. Compared to aluminum windows with mechanical corner connections, ÄSPEKT greatly reduces the risk of leakage into your wall.

ÄSPEKT’s fusion-welded corners and continuous frame design are only two of the important features that add up to superior resistance when it comes to keeping water where it belongs: Out. So you and your tenants can enjoy ÄSPEKT’s comfort.

* vs. comparable thermally broken aluminum casement windows
When I am home, I want to relax, close my windows and leave all the elements outside.
COMFORT
With superior design and materials, annoyances are locked out

COZINESS
100% increased comfort guaranteed*

Cozy comfort is just one of the many attributes of ÄSPEKT. The system combines a variety of benefits: Quiet, tightness, savings and longevity. While most aluminum casement windows address one or the other, ÄSPEKT excels in all categories with the help of its sophisticated multi-chambered design, the proprietary, highly engineered triple-seal technology and glazing capabilities of up to 1 3/8”.

Unnerving noise, unpleasant drafts and unhealthy leaks can be problems of the past when you choose ÄSPEKT. Outstanding STC, air infiltration and U-value ratings are all possible with ÄSPEKT. Keep your tenants happy with ÄSPEKT!

* vs. comparable thermally broken aluminum casement windows
ÄSPEKT: MORE THAN JUST A PRETTY FACE
Ultra-modern engineering for optimal value

Save energy easily: With better thermal performance.
Reducing energy usage is important. Not just for the occupant’s wallet but also on a larger scale when it comes to sustainability. Lower energy consumption with a good conscience – whether it’s cold or hot outside.

<table>
<thead>
<tr>
<th></th>
<th>ÄSPEKT Casement</th>
<th>Aluminum Casement</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-value Standard (dual pane, low-E)</td>
<td>0.26</td>
<td>0.49</td>
</tr>
<tr>
<td>U-value Advanced (triple pane, low-E)</td>
<td>0.17</td>
<td>0.36</td>
</tr>
</tbody>
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Minimize cleaning: With ease of operation, ease of maintenance.
Thanks to a high-quality, high-definition finish (HDF), smudges can be quickly and easily removed using conventional detergents. As far as maintenance, the occasional application of a quality lubricant to the moving parts, such as hinges and lock mechanisms, is all that is needed. The newly developed sealing technology assures optimal closing pressure. Due to advanced engineering and close cooperation with hardware suppliers, the operation of the window is smooth and easy. Reduce maintenance and cleaning effort to a minimum.

Ensure peace and quiet: With a view on mute.
Noise is disturbing and over time, it is even unhealthy. Increase occupants’ feeling of well-being with the previously unattained values in noise protection offered by ÄSPEKT.

85 dB loud street noise
ÄSPEKT
45 dB quiet interior

Trust high levels of safety: With superior security features.
In combination with the appropriate hardware, ÄSPEKT enhances security with multiple locking points, fusion-welded corners and steel-reinforced, multi-chambered design. Enjoy the security you are looking for with ÄSPEKT.

Enjoy creative freedom: With countless shapes and colors.
ÄSPEKT 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. Get creative with over 2,000 design options.
ÅSPEKT: THE BETTER WINDOW
Superior benefits and value for any of your projects

Up to 45% better energy performance*

ÅSPEKT’s fusion-welded corners in combination with its proprietary, highly engineered triple-seal technology and glazing capabilities of up to 1 3/8” lead to outstanding thermal performance.

The energy performance improvement over thermally broken aluminum casements has been calculated using aluminum values of 0.49 (dual-pane glass, low-E coating) and ÅSPEKT values of conservative 0.26 (dual-pane glass, low-E coating).

Up to 55% faster installation time*

ÅSPEKT’s integral water management, available installation bracket grooves and nailing fins as well as fusion-welded corners, significantly reduce steps and components, e.g., pan flashing systems to catch any water which might penetrate the window system through frame joints.

There is no need to cut receptors and sill flashes/sub sill or caulk mechanical corners with ÅSPEKT, so you not only save valuable time but also considerably reduce complexity in the installation process.

Up to 10 times less leakage potential*

ÅSPEKT’s design incorporates proprietary bracketry and direct-screw connection for mullion and frame and a continuous frame design. These are only a few features that ensure water tightness and thus, longevity. ÅSPEKT is meant to be enjoyed for decades to come. Aluminum windows are bound to leak at some point, particularly in multi-lite units. In a four-lite configuration, for example, 8 bottom sash corners and 2 bottom frame corners account for 10 leakage points, where there are none with ÅSPEKT.

Up to 25% less noise and 60% less air infiltration*

Thanks to ÅSPEKT’s sophisticated multi-chambered design, the proprietary, highly engineered triple-seal technology and glazing capabilities of up to 1 3/8”, tenants are able to enjoy greater sound insulation with STC ratings of 40 dB compared to typical aluminum STC ratings of 35 dB. Every 10 dB reduction feels half as loud to the human ear, so ÅSPEKT reduces noise by 25%. ÅSPEKT’s air infiltration (0.02) is also significantly lower compared to aluminum casements (0.05), which basically eliminates the uncomfortable feeling of draft air.

*vs. comparable thermally broken aluminum casement windows