

# vertex3

HIGH-PERFORMANCE WINDOW TECHNOLOGY

## Clearly superior



Look inside to learn more about vertex3

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KP Building Products proprietary **vertex3** high-performance glass technology is engineered to provide superior thermal efficiency, superior glass clarity and superior air infiltration protection.

The **vertex3** system is a standard feature now offered on all KP Building Products windows. **vertex3** is derived using three state-of-the-art technologies: **ēvolv** Glass Technology, **EC Tech** Glass Technology, and **Owens Corning®** Air Sealing Technology – resulting in a higher performing window.

KP Building Products windows are the only windows in the industry to offer these three technologies as standard on their products, and is primed to become the standard for all residential window solutions.

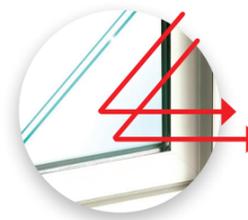
ēvolv

EC  
TECH



## EVOLV GLASS

**ēvolv** Glass Technology is a coating placed on the 4th glass surface (interior of the house) that redirects escaping UV rays back into the home. Not only does **ēvolv** greatly increase a window's U-Value, but it offers better light transmittance and less reflectance. Using **ēvolv** will allow a double pane window to match triple pane performance. You can actually feel the difference of **ēvolv** glass technology as it redirects heat as opposed to a wall that will absorb it. **ēvolv** is resistant to surface cleaning products and will not fade with time.



### BENEFITS:

- **Outperforms the industry average\* by 29% in energy efficiency**
- Triple pane performance with double pane glass
- Better light transmittance
- All windows meet the Energy Star® Zone 3 standards
- Less wear and tear than heavy triple pane sashes
- Less size limitations

\*Average measured from Energy Star® data of three other window manufacturers.

## EC TECH NATURALLY CLEAN GLASS

**EC TECH** naturally clean glass is a surface glass coating (exterior of the house) which absorbs the sun's UV light to loosen dirt so water can rinse it away. The patented EC Tech coating rids itself of many non-mineral deposits (i.e. adhesive residue, fingerprints, pollens, resins, bird droppings, suction cup marks, etc.). The secret resides on two main features:

### TITANIUM DIOXIDE COATING :

Reacts chemically with the sun's UV rays, causing organic materials that are on the glass to decompose.

### EXTRA SMOOTH GLASS SURFACE :

Causes water to "sheet off" the glass and evaporate quickly, greatly reducing water spotting. EC Tech never compromises. No matter the weather, in particular cloudy days, EC Tech performs at a high, energy-efficient level. The color of the glass is never altered, while the glass always remains durable and long lasting.

### BENEFITS:

- **99% fewer water spots for better glass clarity**
- Windows stay cleaner, longer
- Dries 3 times faster
- Allows more visible light transmittance

## OWENS CORNING® AIR SEAL TECHNOLOGY

KP Building Products has partnered with **Owens Corning®**, a world leader in insulation products, to offer the exclusive Owens Corning® Air Sealing Technology. This technology is designed to improve air tightness. As proven by independent laboratory testing, it reduces air infiltration by 14% compared to standard weatherstripping. Owens Corning® Air Sealing Technology is an indispensable part of the **vertex3** system.

### BENEFITS:

- **Cuts drafts by up to 14%**
- Excellent air infiltration protection
- Mould resistant seal