



Cleaner. Greener.



# Neat+ The Next Generation



Since 2006, more than 50 million windows with Neat coated glass have been sold

Improved performance due to upgrades of both the quality and purity of the materials used



### Neath

- A durable, permanent coating
- Compatible with any standard cleaning product
- Requires no manual activation
- Is smoother than uncoated glass

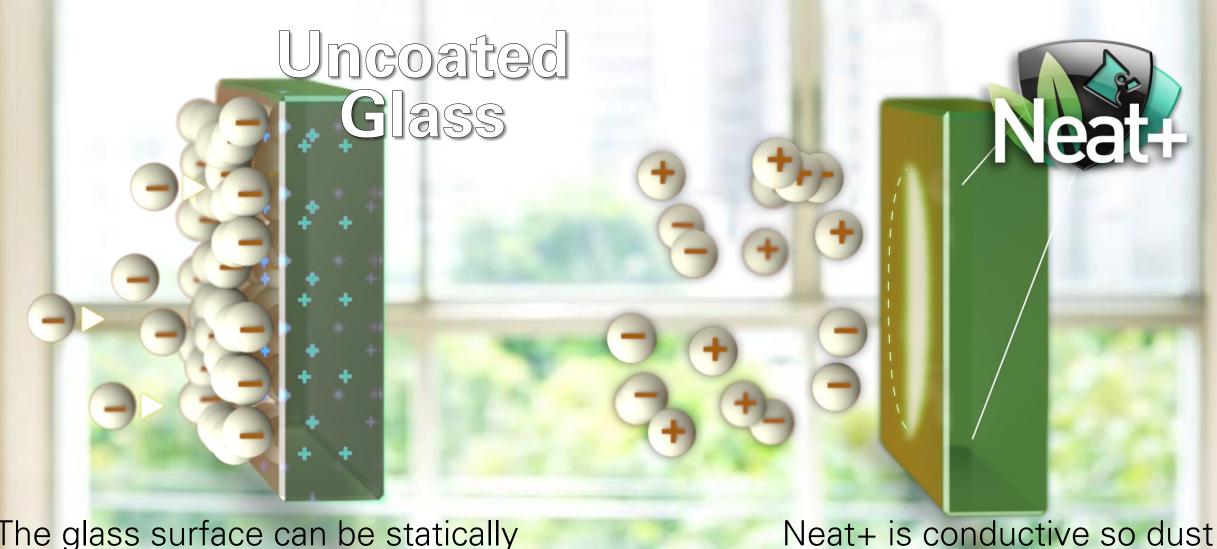


### Neath is Anti-Static

Neat+ is more conductive than uncoated glass

Conductivity inhibits the buildup of static electricity that attracts dust/dirt to the surface

Neat+ stays cleaner longer

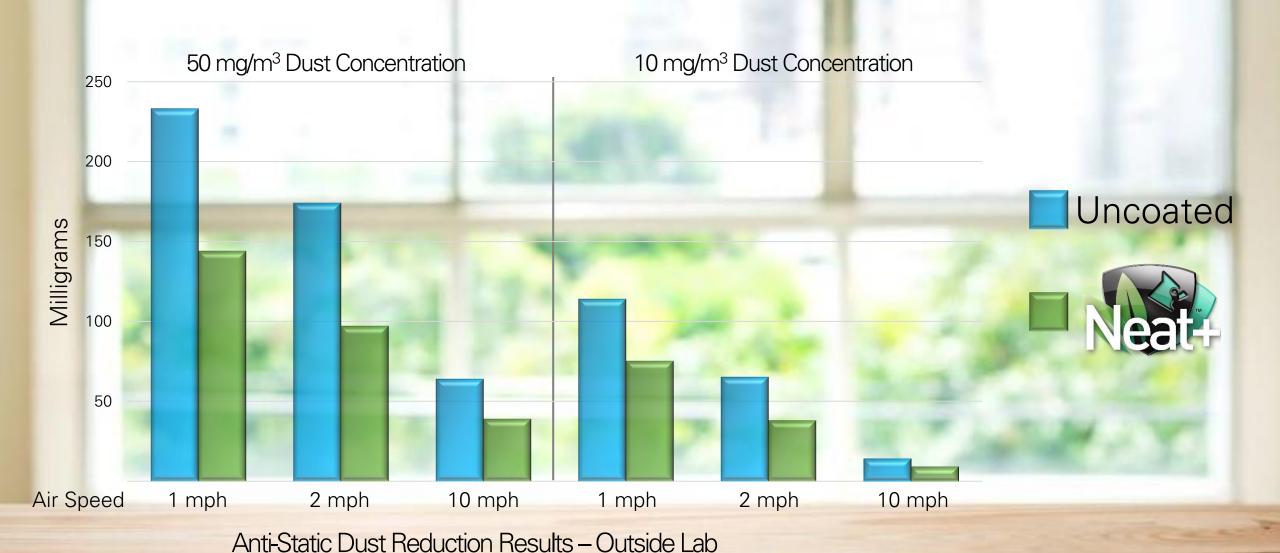


The glass surface can be statically charged and attract dust particles

Neat+ is conductive so dust particles are not attracted to the surface, reducing buildup



## 40% Less Dust vs Uncoated Glass









### Neat+ Works With the Sun

Neat+ naturally reacts to the sun's UV rays to break down greenhouse gases like methane and other pollutants through photocatalysis

Neat+ is 25% more photoactive than original Neat

### Neat+ Works With the Sun

Neat+ with enough UV from the sun, can result in a hydrophilic (sheets water) surface that dries ~3x faster than uncoated glass, resulting in fewer visible water spots





# Neat+ Works With the Sun

# The amount of sun's UV rays striking the Neat+can be affected by

- Landscaping
- Roof Overhang
- Awnings
- Screens
- Window Orientation
- Proximity to other Homes



# Patented Double-Sputtering

Neat+ starts with Cardinal's patented doublesputtering process

Neat+ and Cardinal's energy-efficient LoE® coatings are deposited in the same pass



# Neath available with any LoE

### NFRC recertification is **not** required

No change to color or performance values

		LoE <sup>2</sup> 272 Neat+ LoE <sup>2</sup> 272	LoE <sup>3</sup> 366	Neat+ LoE <sup>3</sup> 366
Visible	Trans	72%	65%	
Light	Reflect	11%	11	%
	SHGC	0.41	0.2	27
	Ufactor	0.25	0.2	24



# Neath Durability & Compatibility

- Neat+ has been tested for long term durability
  - Over 4,000 hours in a standardized environmental simulation test which includes:
  - Accelerated UV light
  - Humidity / Temperature cycling / Salt fog
  - Scratch resistance testing (no razor blades!!!)
- Compatibility testing for materials/chemicals that can contact Neat+ during and after manufacturing
  - Glass cleaning products
  - Manufacturing materials
  - Identification stickers
  - Handling gloves
  - Cutting oils



# Neatt vs Uncoated

	Uncoated	Neat-	& Sun's UV
Anti-Static Less dust/dirt buildup			
Cleans Easier Less dust/dirt to remove			
Fewer Resources needed  Less chemicals/water			
Water can sheet Dries Faster / Fewer Water Spots			
Decomposes Pollutants Such as Greenhouse Gases			



Better



Best



Uncoated





Cleaner. Greener.

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Crafted For You