

# HeatShield

The greenest energy is saved energy

## 3-5 year

Return On Investment



## Simple cost effective retrofit solution for aging windows

Upgrade your glass into energy savers rather than energy consumers



## **HPS** HOW DOES IT WORK?

HPS-G Thermal Barrier blocks summer heat and winter cold



HPS-G HeatShield uses the solar bands of light and converts them to heat in the window.

As shown in the graph, the thermal barrier created stops the penetration of the 35°C heat loads from entering the cool conditioned 20°C interior temperature.

In the winter the opposite occurs. The warm interior air of 20°C cannot penetrate the thermal barrier of 42°C contained in the window. Thus, the cold air stays out and the warm air stays in, where it belongs.



#### **HPS-G The Retrofit Solution**

**©** 

Reduces cooling and heating loads 20-30%



Reduces total energy consumption 6-10%



Qualifies for rebates from Save On Energy Program (OPA)



Solves excessive heat gain in highly exposed offices



Helps to balance heating and cooling demands in difficult buildings

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### **Portland Properties**

A designated heritage site built in the 1920s. Portland is comprised of three linked manufacturing/warehousing buildings covering one city block in downtown Toronto. (Bathurst Front Wellington)

#### **Testimonial**

"We have attributed the electrical savings figure of \$22,000 over the year 2012 VS 2011 to our investment in HPS-G HeatShield. This is a conservative figure calculated directly from the years consumption figures of 2011 to 2012 inclusive. The impressive fact was that 2012 was the warmest summer recorded in the past 40 years yet our cooling consumption dropped."

-Jeff Wolf owner of Portland Properties

For other testimonials follow us on YouTube. http://www.youtube.com/user/etimeenergycanada



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For more information visit www.etimeenergy.com