

**Savings.  
Comfort.  
Performance.**

beautiful energy efficient solutions



**HeatShield™  
Window Coating**

## Jack Astor's Bar & Grill | Burlington, ON, Canada



### Problem

The Jack Astor's Bar & Grill is a single storey, restaurant located in Burlington in southern Ontario. The building is approximately 7,200 sf with the main dining windows oriented to the west and south. During the spring and summer seasons, the west windows receive 7-8 hours of direct sunlight resulting in a high level of solar heat gain and glare.

Restaurant guests seated by the windows complained of discomfort from heat gain while the sunlight glare impacted the television viewing for bar patrons. Blinds were drawn to alleviate the problems, darkening the dining area and obstructing view of outdoor patio.

Restaurant managers also frequently manually adjusted temperatures in other dining room zones to compensate for the heat gain, wasting time and creating temporarily unbalanced heating and cooling zones.

### Solution

Jack Astor's used eTime's HeatShield coating on over 2,000 sf of west oriented windows.

HeatShield was chosen for its heat reduction capabilities as well as its transparency which did not alter the exterior or interior architectural appearance.

### Results

An engineering study showed that after the coating, Jack Astor's achieved 27% annual space heating and cooling energy savings. Inclusive of base load energy consumption (non-heating and cooling), total energy consumption was reduced by 7%.

The restaurant manager also reported improved interior comfort levels with more balanced room temperatures and reduced glare.

***"I remember walking through the bar and saying it was too hot or too cold or turning down the blinds because of the glare. But after the first week [of coating] it was always comfortable. Heatshield made a drastic improvement" – Mark McLaughlin, Manager, Jack Astor's, Burlington***

***The full testimonial can be viewed on:  
<https://www.youtube.com/user/etimeenergycanada>***