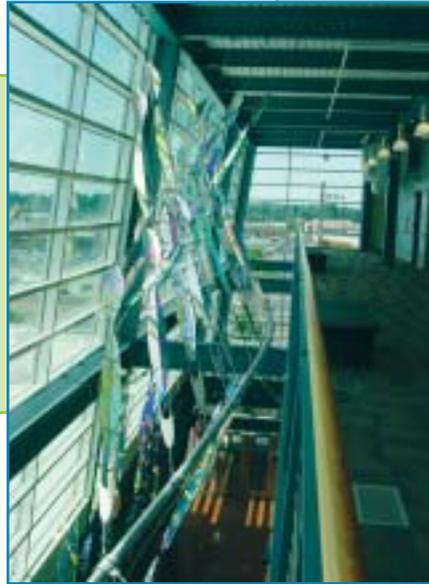


## CASE STUDY

# HÜPER OPTIK® ENERGY SAVER CERAMIC 35 EXTREME CERAMIC PERFORMANCE FOR LEED BUILDINGS

## Tacoma Police Department



- *Helps commercial chillers last longer*

- *Turns existing windows into "SUPER WINDOWS" for a GREEN Solution for LEED Buildings*

- *Helps achieve LEED points in energy reductions and innovation and design*

### Task:

The Tacoma Police Department achieved LEED Certification several years ago, and is currently a LEED Silver property. The building's modern design features an entire wall of glass, and several atria inside, and makes good use of day lighting throughout the building.

Constructed with over 15,000 square feet of glass, the Facility Management and Engineering Team was looking for an energy efficient option that would allow the outside views to remain intact. Hüper Optik Energy Saver Ceramic 35 delivered the energy savings need to maintain LEED Silver status, and to keep the beautiful views of the police headquarters in Tacoma: a well-known locale and one of the first LEED Silver buildings in the state of Washington.



### Solution:

Hüper Optik's Energy Saver Ceramic 35 was chosen because of the film's unique ability to preserve views, and protect the recent upgrades in environmentally friendly flooring and furniture.

### Result:

The extreme energy saving performance of Hüper Optik's single-layer ceramic delivered a comfortable environment for Tacoma's citizens, its law enforcement officers and other visitors to the building. The building's engineers were able to report a reduction in the average cooling temperature; thus allowing the chillers to operate more efficiently during peak load demand.



Performance data is based on this film being applied to the inside of 3mm clear glass. All data calculated using the definitions and equations in ISO9050 & ASHARE Handbook. The data is subject to variations within industry standards.  
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## Meister Keramische Technologie