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PPG introduces Development

Coatings

PITTSBURGH, Pa. — PPG Industries today announced the development of a new line of tinted glasses with solar control coatings on the second surface of the glass. PPG Industries and marks PPG as a leader in glass innovation since 1934.

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All PPG tints from the Ocean collection, including *Atlantica*, *Caribia* and *Solexia* glasses, as well as *Solargray* and *Solarbronze* tinted glasses, are now offered with *Solarban 70XL* or *Solarban 60* solar control coatings on the second surface of the glass. In addition to providing improved environmental performance, the availability of second-surface coated tints expands aesthetic options for architects and building owners. The move also allows customers of PPG high-performance glass, members of the PPG Certified Fabricator network, to offer architects and building owners more products with superior energy performance.



The Cherry Street Plaza in Olympia, Wash., is pictured here with PPG's aqua-blue *Azuria* glass.

For the 125 years, since it became the first commercial glass company in the U.S., PPG has been an industry leader. The company's legacy is a result from the development of many products and technologies that remain industry standards, such as:

- 1934 – *Solex* (now *Solexia*) glass, the first heat-absorbing low-e glass
- 1938 – *Herculite* glass, shatter-resistant tempered glass
- 1945 – *Twindow* glass, the first double-paned insulating glass
- 1962 – LHR (a *Solarcool* glass predecessor), the first heat-reflective glass
- 1963 – First U.S. manufacturer to use the float glass process
- 1983 – *Sungate 100* glass, the world's first low-e glass
- 1989 – *Azurlite* (now *Azuria*) glass, the first spectrally-selective blue glass
- 1990 – *Starphire* ultra-clear glass, still the clearest commercial float glass
- 2000 – *Solarban 60* double-silver-coated, solar control, low-e glass
- 2001 – *SunClean* self-cleaning glass
- 2005 – *Solarban 70XL* glass, the first triple-silver-coated solar control low-e glass

Today, PPG is a recognized leader in green building products, not just through the development of environmentally progressive architectural glasses but also through its continued efforts to refine and enhance glass performance for solar power applications such as photovoltaic glass and large, solar-collecting mirrors.

Vicki Holt, PPG senior vice president, glass and fiber glass, said that the company's long history in the glass industry and its continuing commitment to research and development enables it to remain on the cutting edge of technological development.



Solarban® 60 glass and Atlantica® glass combine to bathe Will Rogers Airport in Oklahoma City in a transparent, emerald-green tint.

“Many people think of glass as a commodity product, but when you consider its relative abundance, functionality and high-performance coating technologies, you begin to understand its value as a highly functional building material,” Holt said. “We’re already using high-performance glass to reduce the amount of fossil fuels our buildings consume, but we’re also learning how to produce glass with other critical properties and characteristics that will enable it to conduct a current, or collect and amplify energy from sources such as the sun. At PPG, we’re devoted to

ensuring that glass achieves its full potential as a building product, as an energy provider and as an integral part of our future.”

In an independent study, buildings glazed with *Solarban 70XL* and *Solarban 60* glasses were shown to have significantly lower energy consumption, greenhouse gas emissions and HVAC requirements than those glazed with dual-pane tinted glass and other less advanced glazings.

To learn more about the performance advantages of *Solarban 70XL* and *Solarban 60* glasses, or to find a PPG Certified Fabricator in your area, visit www.ppgideascales.com or call 1-888-PPG-IDEA.

About PPG

Pittsburgh-based PPG is a global supplier of paints, coatings, chemicals, optical products, specialty materials, glass and fiber glass. The company has more than 150 manufacturing facilities and equity affiliates and operates in more than 60 countries. PPG shares are traded on the New York Stock Exchange (symbol: PPG). For more information, visit www.ppg.com.

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Atlantica, Azuria, Azurlite, Carbia, Herculite, IdeaScapes, Oceans of Color, PPG Certified Fabricator and logo, Solarban, Solarbronze, Solarcool, Solargray, Solex, Solexia, Starphire, SunClean, Sungate and Twindow are trademarks of PPG Industries.