



**GREEN
CITY
ALLIANCE**

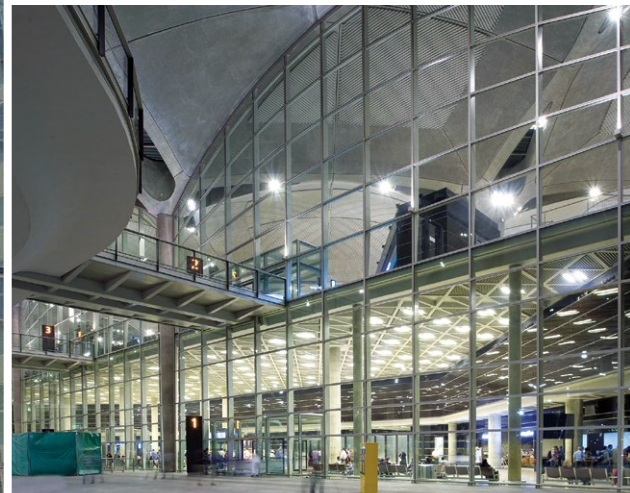
A Global Alliance with PPG
to Provide Solarban® Glass
for Your International Projects





(Left)
THE SANDCRAWLER
LUCASFILM CAMPUS
 Location: Fusionopolis, Singapore
 Product: Solarban® 72 Starphire® glass
 ICF: AVIC Sanxin
 Architect: Aedas
 Curtainwall: Permasteelisa

(Below)
Seoul City Hall
 Location: South Korea
 Product: Solarban® 70XL glass
 Architect: iArch Architects
 Glass Fabricator: Jasan Glass
 Glazing Contractor: Jasan Glass



(Above)
QUEEN ALIA
INTERNATIONAL AIRPORT
 Location: Amman, Jordan
 Product: Solarban® 70XL glass
 ICF: AVIC Sanxin
 Architect: Foster + Partners
 Curtainwall: Yuanda

(Cover)
RBC CENTRE
 Location: Toronto, Ontario - Canada
 Product: Solarban® 70XL glass
 Architect: Kohn Pedersen Fox Architects
 Glass Fabricator: Oldcastle BuildingEnvelope™
 Glazing Contractor: Oldcastle BuildingEnvelope™

Now, through the **Green City Alliance**, PPG and Jinjing are bringing Solarban® solar control low-e glasses to China to meet the demands of sophisticated buildings around the world.

PPG Industries set the standard for a whole new level of energy efficiency when they introduced the innovative, high-performance glass that became the *Solarban* family of glasses in 1964. Even now, *Solarban* glass is still the most advanced low-emissivity (low-e) glass product available, with more than 30 million square meters installed around the globe since the 1980s.

To give you greater access to *Solarban* solar control low-e glass products closer to your international building sites, PPG has teamed with local glass producers around the world to form the Green City Alliance (GCA).

Green City Alliance provides a global gateway to authentic PPG-licensed MSVD low-e glass technology and supply processed through PPG's International Certified Fabricator® (ICFP) Program.

GCA and PPG ICFP ensure that you get energy-efficient *Solarban* low-e glasses that are:

- manufactured locally
- competitively priced
- guaranteed to comply with PPG's exacting quality standards
- backed by PPG's architectural and technical support both in the United States and locally

The PPG and Jinjing Partnership

Since 2003, PPG and Jinjing Group Co., Ltd. have been working together to bring world-class manufacturing in float glass to China. Using PPG float glass technology, Jinjing became the first company in China to master the manufacture of ultra-clear glass in 2005. Eight years later, Jinjing opened their Beijing facility, again using PPG technology, to produce *Solarban* triple-silver low-e glass. This state-of-the-art facility is providing post-temperable low-e coated glass up to 12mm in thickness and can produce a maximum glass size of 3.3 x 6.0 meters in accordance with PPG specifications.

PRODUCT PERFORMANCE

Product	Type	Visible Light		Solar Energy		U-Values W/m ² •K		
		VLT	Exterior Reflectivity	SGHC	Shading Coefficient	NFRC-Winter	EN 673	LSG
Solarban® 70XL on clear glass	Triple-silver	64%	12%	0.27	0.32	1.62	1.5	2.33
Solarban® 72 on Starphire glass	Triple-silver on ultra-clear	71%	13%	0.30	0.34	1.63	1.6	2.37
Solarban® 60 on clear glass	Double-silver	70%	11%	0.39	0.45	1.66	1.6	1.80
Solarban® 60 on Starphire glass	Double-silver on ultra-clear	74%	11%	0.41	0.48	1.66	1.6	1.80

Glass performance shown for 6+12Air+6 IGU. Solarban 72, Solarban 70XL and Solarban 60 are bendable and post-temperable. Maximum glass size: 3.3 m x 6.0 m.

FOR MORE INFORMATION CONTACT

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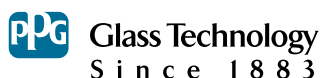
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As members of the Green City Alliance, PPG and local glass producers have joined together to provide cost-competitive manufacturing and fabrication of environmentally advanced Solarban® low-e products to emerging markets around the globe.



For more than 25 years, Solarban® solar control low-e glasses have set the standard for solar control performance in the architectural glass industry, delivering sleekness, beauty and immeasurable energy savings. More than 30 million square meters of Solarban® glass products have been installed around the world since its introduction in the 1980s.



For more than 130 years, PPG Industries has been a world-leader in glass manufacturing. PPG is headquartered in Pittsburgh, Pennsylvania (USA) and has more than 500 active patents for glass.

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Jinjing Co., Ltd. makes energy efficient, environment-friendly, high-quality glass for society. Jinjing regards its contribution to energy-saving and emission reduction of the green earth as its mission, writing an immortal chapter of Jinjing's energy conservation on crystal glass. In 1904, Boshan Glass Company, the predecessor of Jinjing Group Co., Ltd., became the first Chinese glass company and pioneered China's modern flat glass industrial production.



PPG's mission is to provide unique commercial glass products and services to the global commercial construction industry. This is achieved through the PPG *International Certified Fabricator™* Program (ICFP) and *International Certified Laminator™* Program (ICLP).

The PPG ICFP/ICLP provides the building owner and architect with confidence that the glass product will meet both industry and PPG quality standards. In order to ensure this status, members must process PPG's Solarban® low-e glass according to PPG's process requirements. The merging of technologies and processes with the members' entrepreneurial spirit and determination is creating a dynamic and formidable glass fabricating network.

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