

FOR IMMEDIATE RELEASE

**AGC Helps Promote the Green Initiative of Kitakyushu City
through Energy-saving Window Renovations
—Demonstrating the Energy-saving Performance of Low-E Glass ATTOCH™
Applied to Windows of the Main Building of the City Government—**

Tokyo, April 17, 2014—AGC (Asahi Glass Co., Ltd.; Head Office: Tokyo; President & CEO: Kazuhiko Ishimura) and the City of Kitakyushu (Fukuoka prefecture, Japan) conducted a demonstration test to evaluate the energy-saving performance of ATTOCH™, a Low-E Glass developed for energy-saving renovations of building windows. As shown below, the test results confirmed that the product provides high energy-saving performance throughout the year. ATTOCH will contribute to enhancing energy-saving efficiency and creating comfortable spaces in office buildings.

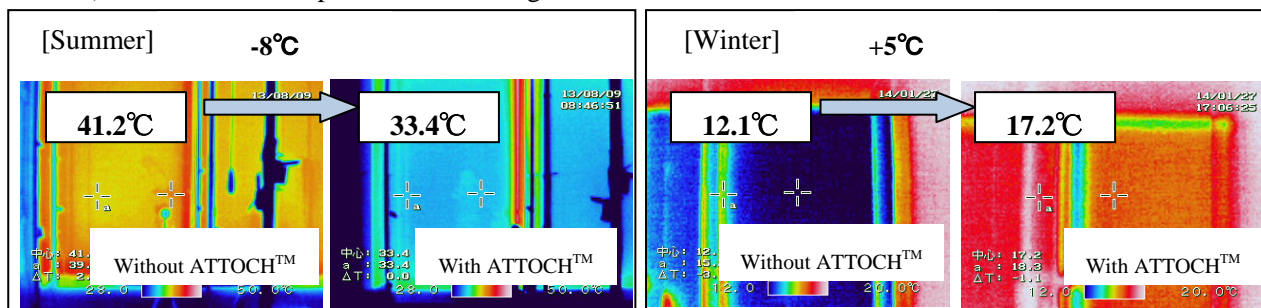
Outline and results of the demonstration test:

- Goals: 1) Demonstrate energy-saving efficiency and room comfort with ATTOCH installed in summer and winter.
2) Verify accuracy of the results of an energy-saving simulation performed by AGC.
- Test locations: Small meeting rooms in the Environmental Bureau (10th floor of the main building of the Kitakyushu City Government)
- Test period: [Summer] July 31 – August 14, 2013
[Winter] January 27 – February 7, 2014
- Test method: Indoor air temperature and temperature of indoor glass surfaces were measured at meeting rooms with ATTOCH applied and not applied, and differences in energy-saving effects and comfort levels were verified.

■Test results:

- (1) Reduction of air-conditioning energy use: [Summer] About 25% [Winter] About 38%
(AGC’s energy-saving simulation result: [Summer] 25% [Winter] 32%)
- (2) Comfort levels in rooms with ATTOCH installed:

1) Differences in temperature of indoor glass surface



2) Dew condensation: Installation of ATTOCH significantly reduces dew condensation on an indoor glass surface.



Photo taken on Feb. 7, 2014

Kitakyushu City is highly evaluated domestically and internationally for its pioneering environmental protection initiatives, and has been selected as an Environmental City of the Future. As part of citywide efforts for the green initiative, the city is promoting energy-saving measures such as introducing a photovoltaic power generation system to the main building of City Government. It is also the first local government in Japan to install ATTOCH and conduct a demonstration test.

Through this project, AGC will clarify the roles of energy-saving windows in environmental measures, and contributes significantly to reducing CO₂ emissions from office buildings in Japan.

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<Overview of ATTOCH™>

1. Product release: July 2012

2. Product features:

- ATTOCH provides measures both against heat in summer and cold air temperatures in winter, resulting in enhanced energy-saving performance throughout the year.
- Lower installation costs
 - No scaffolding is needed.
 - Installation takes only 30 to 60 minutes per window.
 - The existing glass continues to be used, so its disposal is not required.
- Lower maintenance costs
 - Unlike a heat shield film, periodic replacement is not needed.



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