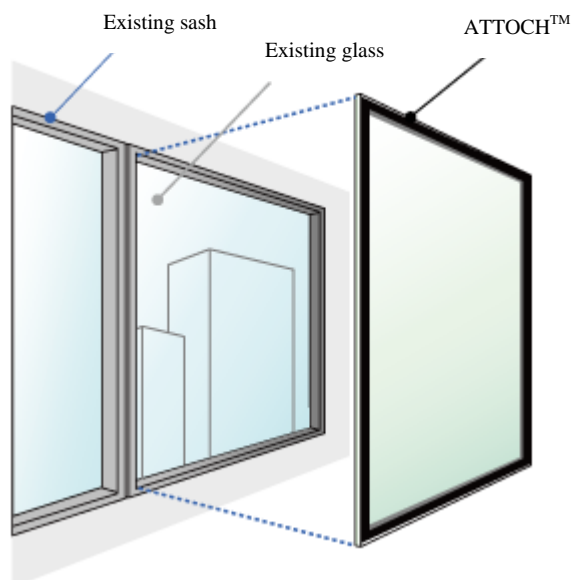


**FOR IMMEDIATE RELEASE**

**AGC releases “ATTOCH™” Easy-installation Ecoglass,  
ideal for energy-saving renovations of office buildings and stores  
— Annual energy use for air-conditioning will be reduced by around 30% —**

**Tokyo, July 2, 2012**— AGC (Asahi Glass Co., Ltd.; Head Office: Tokyo; President & CEO: Kazuhiko Ishimura) announced today that it will release “ATTOCH,” an Ecoglass<sup>\*1</sup> product that is ideal for energy-saving window renovations of office buildings and stores, in October 2012. This product converts an existing windowpane into Ecoglass simply by applying Low-E glass to the inside of the window. ATTOCH will significantly improve the energy-saving performance of office buildings, in which installing replacement Ecoglass products has been difficult.



**Installation image**

Amid tight energy supply conditions triggered by the Great East Japan Earthquake last year, there has been a rapidly increasing need for energy-saving window renovations. In many houses, existing glass has been replaced with highly energy-efficient Ecoglass, or double-glazed windows have been installed to save electricity. However, in most office buildings and stores that have fixed windows, energy-saving measures are usually limited to applying solar control films to existing windowpanes, because glass replacement requires scaffolding and other extensive work, or because there is no space to install double-glazed windows.

While solar control films effectively keep out heat in summer, many of them are not effective in protecting from cold weather in winter. As a result, there have been many inquiries from owners and tenants of office buildings, asking whether their existing glass can be changed to Ecoglass using a simple method, so that higher energy savings can be achieved throughout the year.

To meet their needs, AGC has developed “ATTOCH,” a product that converts windows into high thermal insulation Ecoglass windows by attaching Low-E glass to the inside of an existing window. The features of this new product are as follows:

- **An effective tool to combat heat in summer and cold air in winter, achieving enhanced energy-saving performance throughout the year. Once installed, the product helps to reduce air-conditioning energy use by about 30% a year, cutting air-conditioning costs by about 610,000 yen a year.\*<sup>2</sup>**
- **No scaffolding is needed, resulting in lower installation costs.**
- **Installation takes only 30 to 60 minutes per window.**
- **The existing glass continues to be used, and so does not require disposal.**

AGC will continue to deliver solutions for environmental and energy issues by launching a wide range of new Ecoglass products into the market.

*Media Contact*

Toshihiro Ueda, General Manager, Corporate Communications & Investor Relations

**AGC** Asahi Glass Co., Ltd.

(Contact: Kenichi Oda; Tel: +81-3-3218-5603; E-mail: [info-pr@agc.com](mailto:info-pr@agc.com))

Product Inquiries: **AGC** Glass Company Customer Center

Tel/Navi Dial: 0570-001-555

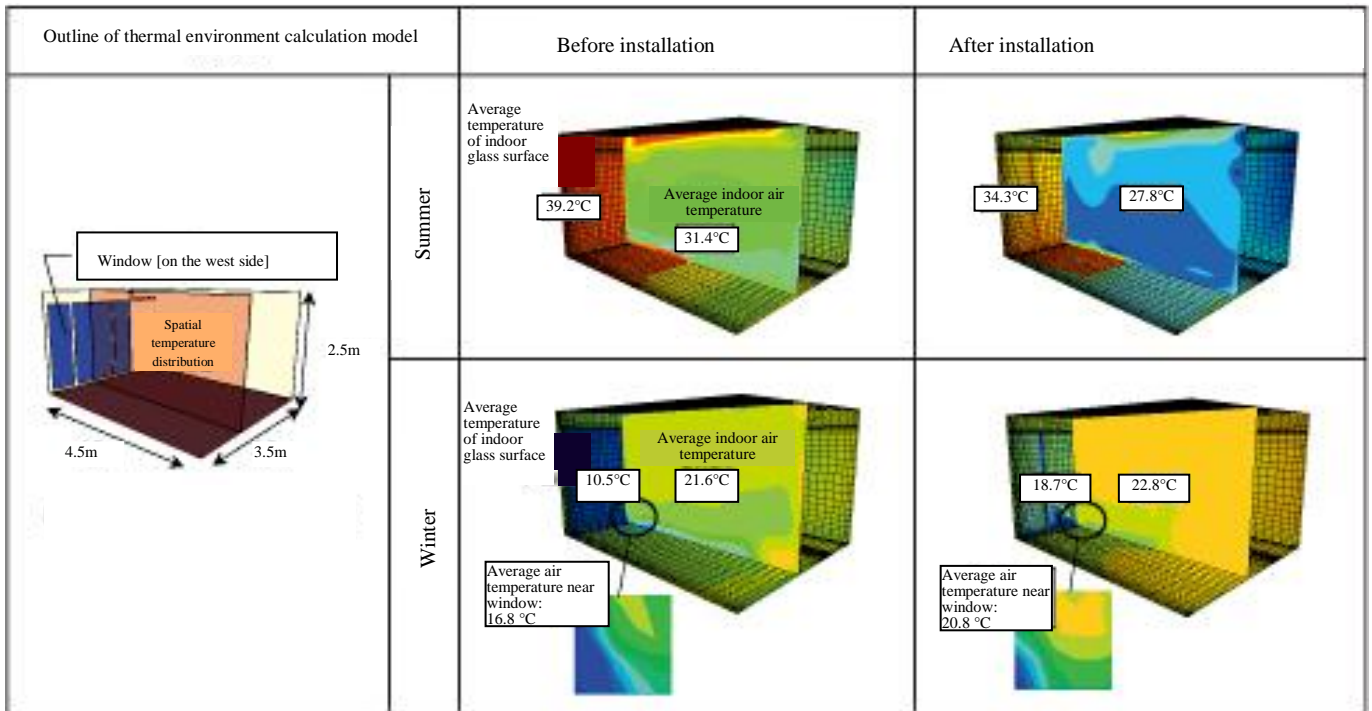
\*1. Ecoglass is the common name for Low-E double-glazing glass products manufactured by three members of the Flat Glass Manufacturers Association of Japan: Asahi Glass Co., Ltd., Nippon Sheet Glass Co., Ltd., and Central Glass Co., Ltd.

\*2. Based on an estimate made by AGC using the following calculation model:

Intended use of building: office building

Building specifications: six-stories high, total floor area of 4,300 m<sup>2</sup>, and total glass area of 1,200 m<sup>2</sup>

## Energy-saving effects of ATTOCH



## Photos for example of installation



Before installation



After installation