

FOR IMMEDIATE RELEASE

AGC's Light Control Glass WONDERLITE™ Selected for Panoramic Glass Roof on European Luxury Car

—Large-sized light control glass, with special coating applied, provides increased comfort and energy savings—

Tokyo, September 29, 2014 – AGC, a world-leading supplier of glass, chemicals, ceramics and other high-tech materials and components, today announced that its light control glass WONDERLITE™ has been selected for the Magic Sky Control panoramic glass roof available as an option for the new Mercedes-Benz S-Class Coupé, which was released on the European and North American markets on September 27, 2014. The Magic Sky Control glass roof equipped with WONDERLITE is the world's largest light control glass roof for automotive use that changes its color from transparent to dark blue just by pressing a button.

[Magic Sky Control glass roof equipped with WONDERLITE]



transparent mode



light control mode

AGC's WONDERLITE, a SPD⁽¹⁾-based light control glass for vehicles, will contribute to increased comfort and energy savings of cars for the following features.

Three times larger than conventional light control glass roof

Covering an area three times larger than the existing product, the large-sized light control glass roof affords a unique open-air feeling whatever the outside conditions, and dramatically increases the lighting comfort inside the car.

UV & IR protection achieved with AGC's special coating

WONDERLITE used for the Magic Sky Control glass roof has been applied with special solar control coatings⁽²⁾, which filter out sunburn-causing ultraviolet radiation and heat-producing infra-red radiations

even in the transparent mode. Through the effective integration of its light control and special coating technologies, AGC provides drivers and passengers with an optimal driving environment and contributes directly to reducing the need for air-conditioning, thus lowering fuel consumption.

By leveraging its diverse materials and technologies, AGC will continue to offer high value-added products that help to reduce environmental load and create comfortable living spaces.

(1) Suspended Particle Devices (SPD): thin-film technology in which particles inside laminated glass become aligned when an electrical voltage is applied, making the glass structure transparent.

(2) Metal thin film coatings which, when deposited on the glass surface, give it greater insulating and/or solar control properties.

About the AGC Group

The AGC Group, with Tokyo-based Asahi Glass Co., Ltd. at its core, is a world-leading supplier of flat, automotive and display glass, chemicals and other high-tech materials and components. Drawing on more than a century of technical innovation, the AGC Group has developed world-class expertise in fields including glass, fluorine chemistry and ceramics technologies. The group employs some 50,000 people worldwide and generates annual sales of approximately 13 billion USD through business in about 30 countries. For more information, please visit www.agc-group.com/.

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