**NSG Group presents its latest innovations at glasstec 2024**

**16 September 2024**

PRESS RELEASE

**Glasstec, the world's leading trade fair for the glass industry, will take place in Düsseldorf from Tuesday, 22nd of October to Friday, 25th of October 2024.** **The NSG Group, known for manufacturing glass under the Pilkington brand, will be presenting its latest innovations in Hall 10, Stand G20.**

make***change*™** **- an initiative for sustainability**

A particular highlight is the make***change*™** initiative, the centrepiece of the NSG Group. This initiative aims to apply a science-based approach to set the best pathway possible to provide advanced glass products while achieving the company's environmental goals. To this end, the NSG Group has redesigned its own processes to progress on the path towards achieving carbon neutrality.

**Our key goals**

By applying a science-based approach, we can set the best pathway possible to make***change*™**. We aim to achieve carbon neutrality by 2050. The NSG Group has already reduced waste to landfill by over 50% and we’re committed to reducing absolute CO2 emissions by 30% for scope 1, 2 & 3 by 2030.

**Fully glazed wall partition with unrestricted view comprising** Pilkington **Pyrostop®** Line

A key product on display at glasstec is Pilkington **Pyrostop®** Line 60-603, 27 mm thick, consisting of extra clear Pilkington **Optiwhite™**. It offers a fire resistance classification of EI 60.

Pilkington **Pyrostop®** Line is a monolithic fire-resistant safety glass developed for frameless butt joint systems for internal applications. Without vertical framing between the individual glass elements, it reliably fulfils the requirements of fire resistance class EI 30 up to EI 120. It is resistant to flames, hot gases and smoke and provides a passive protective shield against heat radiation for up to 120 minutes. At the same time, it offers a slim and flush design. With its high visual quality, it impressively demonstrates how partition walls can be used as a design element without black edge seals or vertical framing between the individual panes impairing the view. An almost invisible butt joint (≤5 mm), which is filled with transparent silicone, seamlessly connects adjacent glass units; the view is almost unrestricted and extra clear.

**Pilkington Fire-resistant Glass is EPD-certified**

Pilkington **Pyrostop®** and Pilkington **Pyrodur®** are EPD-certified in accordance with ISO 14025 and EN 15804. Environmental Product Declarations (EPDs) provide third party certified information which can be used for assessing the sustainability of buildings.

**Outstanding track record for sustainability**

Pilkington Fire-resistant Glass comes with an inherently long service life. Verification fire tests at independent test bodies with glazing that has been installed for almost 40 years have shown that it fulfils its primary purposes perfectly, acting as a reliable barrier to flames as well as providing thermal insulation. Pilkington Fire-resistant Glass is a sustainable and effective investment in the protection of human life and property.

The 10-year guarantee on the optical quality of Fire-resistant Glass product lines Pilkington **Pyrostop®** and Pilkington **Pyrodur®** applies worldwide to all fully framed Fire-resistant Glass units purchased from Pilkington Deutschland AG or a member of its international network of licensed processors. This guarantee covers significant optical defects such as partial or full-surface clouding. There is no clearer way to express our confidence in sustainable optical quality.

Visit us at glasstec 2024 in Hall 10, Stand G20, and discover the latest innovations from the NSG Group. We look forward to your visit!

**END**

**Note to Editors:**

**About the NSG Group (Nippon Sheet Glass Co., Ltd. and its group companies)**

The NSG Group is the world's leading supplier of glass and glazing systems in the business areas of Architectural, Automotive and Creative Technology. In 2006 it acquired the leading global glass supplier, Pilkington, and today, the Group has principal operations around the world and sales in over 100 countries. Architectural manufactures and supplies architectural glass as well as glass for the solar energy and other sectors. Automotive serves the original equipment (OE) and aftermarket replacement (AGR) glazing markets. Creative Technology comprises several discrete businesses, including lenses and light guides for printers and scanners, and specialty glass fiber products such as glass cord for timing belts and glass flake.

For more information about NSG Group visit: [**www.nsg.com**](http://www.nsg.com)

For more information about Pilkington glass products visit: [**www.pilkington.com**](http://www.pilkington.com)