



**Trosifol® announces the launch of SentryGlas® TW ionoplast interlayer
extending the Trosifol® structural portfolio even further**

Wilmington, USA, September 2016. Kuraray's Trosifol® Business has announced the commercial launch of SentryGlas® TW ionoplast interlayer for laminated safety glass.

SentryGlas® TW (Translucent White) combines all the technical benefits and structural properties of SentryGlas® ionoplast interlayer i.e. safer, lighter, tougher structural glass solutions with a variety of white shades that provide both a pleasing aesthetic effect and a sense of privacy.

The official launch of the SentryGlas® TW interlayer follows a number of successful building projects that have benefited from the new interlayer, including the College Football Hall of Fame and Chick-fil-A Fan Experience in Atlanta, Georgia, USA. This three-storey, 94,000 square feet (8,733m²) museum uses SentryGlas® TW interlayer for the exterior glass façade and the interior entrance tunnel ceiling.

Jennifer Schneider, Structural and Security Market Manager, Trosifol® Business explains: "Architects and glazing contractors that desire a structural interlayer combined with a white colour effect now have an option. They can now specify an interlayer with the proven technical advantages and structural properties of SentryGlas®, while also delivering privacy and a translucency effect. SentryGlas® TW provides a unique combination of colour and structural properties that no other current PVB interlayer can match."

SentryGlas® TW interlayer gives architects much more freedom in their designs, combined with the improved structural properties of SentryGlas®. For example, the interlayer's stiffness and strength (SentryGlas® ionoplast interlayer is 100 times stiffer and five times stronger than traditional PVB) help to create lighter and safer structural glass that can withstand greater loads and harsher conditions. As well as providing excellent post-breakage performance, SentryGlas® TW interlayer offers excellent durability and edge stability too, even when exposed to extreme weather conditions - an important consideration in minimally supported applications such as glass canopies, balustrades, exterior façades and flooring.

Available to laminators on roll, SentryGlas® TW ionoplast interlayers can be stacked to achieve different visible light transmission properties, giving designers even more scope. For example, a 65% visible transmittance (Tvis) is achieved by stacking two plies of 31 mil (0.80 mm) thickness interlayer together during the lamination process. Higher or lower Tvis values are achieved by varying the number and thicknesses of the plies.

"In accelerated outdoor weathering tests, SentryGlas® TW interlayer showed no signs of discolouration after 10 years," adds Jennifer Schneider. Like SentryGlas® ionoplast interlayers,

SentryGlas® TW interlayer has achieved Miami-Dade County approval for use in hurricane-impact-resistant glazing applications.

SentryGlas® TW interlayer is available on rolls in widths of 122 cm (48 in), 153 cm (60 in) and 183 cm (72 in), in lengths of 200 m (656 ft). 153 cm (60 in) width is also available in 50 m (164 ft) roll lengths.

About Trosifol® Structural

SentryGlas® TW (Translucent White) is part of the Trosifol® Structural offering. The use of laminated glass in structural glazing applications has become preferred as a safer choice to monolithic tempered or heat strengthened glass due to the glass-retention characteristic of laminated glass resulting in greatly improved post-glass-breakage properties providing enhanced safety. With Trosifol® ES Extra Stiff PVB and SentryGlas® ionoplast interlayers, Trosifol® offers different options designed to best meet structural glazing performance and design requirements.

About Trosifol®

Trosifol® belongs to the Kuraray Group and is a leading global producer of PVB and ionoplast interlayers for laminated safety glass applications in the architectural, automotive and photovoltaic industries.

The evolution of the Trosifol® and GLS (DuPont) merger over the last two years has resulted in the consolidation of the Trosifol®, SentryGlas® and Butacite® product brands into a single brand: the new Trosifol®.

Trosifol® now offers the world's broadest portfolio of innovative glass-laminating solutions, including structural and functional interlayers for safety and security applications, sound insulation and UV protection. For decorative applications, we supply colored interlayers, digitally printable films and other innovative products for interior design projects. Our UltraClear films exhibit the lowest Yellowness Index (YID) in the industry.

Trosifol® is in the perfect position to be the preferred partner for laminated safety glass applications - serving the ever-changing demands of the global glass industry with seven worldwide production sites and five R&D centers.

The new portfolio was first presented at glasstec and will be shown again at the CTBUH 2016 conference in Shenzhen, Guangzhou, Hong Kong/China, 16 - 21 October 2016.

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Note to the editor:

Photographs:



Picture: Kuraray

Caption: Translucent White SentryGlas® TW ionoplast interlayer can be stacked to achieve different visible light transmission properties, giving designers even more freedom.



Picture: Atlanta Hall Management

Photo Caption: SentryGlas® Translucent White ionoplast interlayer has played a key role in the exterior glass façade of the College Football Hall of Fame, a three-storey, 94,000 square feet museum dedicated to college football in Atlanta, Georgia, USA.