

kuraray

Trosifol®

SentryGlas®

Laminated Glass News



April 2024

Advanced Interlayer Solutions Division **Discover excellence: The launch of Trosifol® Extra Stiff Pro by Kuraray**

Trosifol® Extra Stiff PVB film has gained a special place in the market thanks to its resistance, toughness, and elasticity. It has product properties that are superior to the standard PVB films in the Trosifol® range and the global market in terms of stability and glass adhesion.

Kuraray has further improved these properties and the new PVB film "Trosifol® Extra Stiff Pro" provides significantly improved stiffness for better glass coupling effects and thus improved strength for good post glass breakage performance (residual load-bearing capacity). The new Trosifol® Extra Stiff Pro also demonstrates excellent open edge-stability. Its color-neutral appearance also ensures the best optical values for best fit with low-iron glass.



Photo: © AdobeStock_130027556.jpeg

Trosifol® Extra Stiff Pro therefore has the highest structural properties of all available PVB films. For high performance and demanding structural glazing projects, architects, designers, and engineers have had a limited choice of interlayers in recent years. But the introduction of Trosifol® Extra Stiff Pro now offers a new alternative with improved structural properties that enable more design freedom in structural glazing applications.

Glass in architecture has grown far beyond its original architectural purpose of light transmission and aesthetics. Thanks to technical advances in recent years, glass is experiencing almost exponential growth in its use as a building element, opening considerable new functional and aesthetic design scope for architects and clients. For more demanding applications, however, the choice of interlayers was limited.

The new Trosifol® Extra Stiff Pro offers superior structural capabilities over traditional PVB and combines many impressive performance parameters. Trosifol® Extra Stiff Pro offers the many performance advantages over current commercially available structural PVB interlayers:

- **Improved stiffness for better glass coupling effect**
- **Improved strength for good post-glass-breakage performance**
- **Better edge-stability**
- **More neutral color appearance for best fit with low-iron glass**

[Please find here our Trosifol® Extra Stiff Pro bulletin](#)

Structural & Security Glazing

Strength Lab AI calculation tool

Discover the future of glazing system design with our latest video series on the Strength Lab AI tool, produced in collaboration with M&M Network-Ing. Unlock the potential of AI in structural analysis with straightforward explanations and live demonstrations of key calculations aligned with DIN 18008, EN 16612, and ASTM E1300 standards.

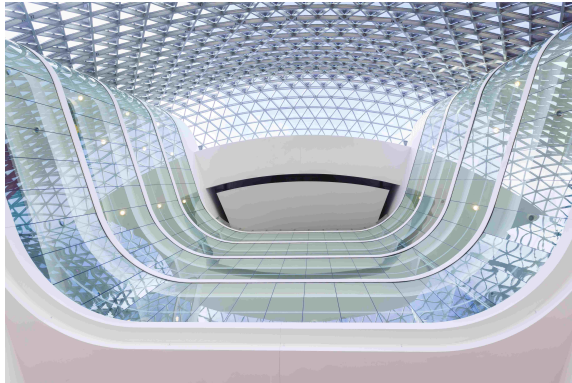



Photo: © shutterstock_242843176.jpg

Kickstart your journey with our introductory video, showcasing the Strength Lab AI tool's prowess as a deep learning-based solution for glazing system design.

Then, dive deeper with videos that walk you through the innovative application of this AI tool across three unique glass setups under different design standards. Transform the way you approach glazing system design with our Strength Lab AI tool.

[Find out more in our videos here](#)

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