

English

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Trosifol® UltraClear

Highly transparent interlayers

kuraray

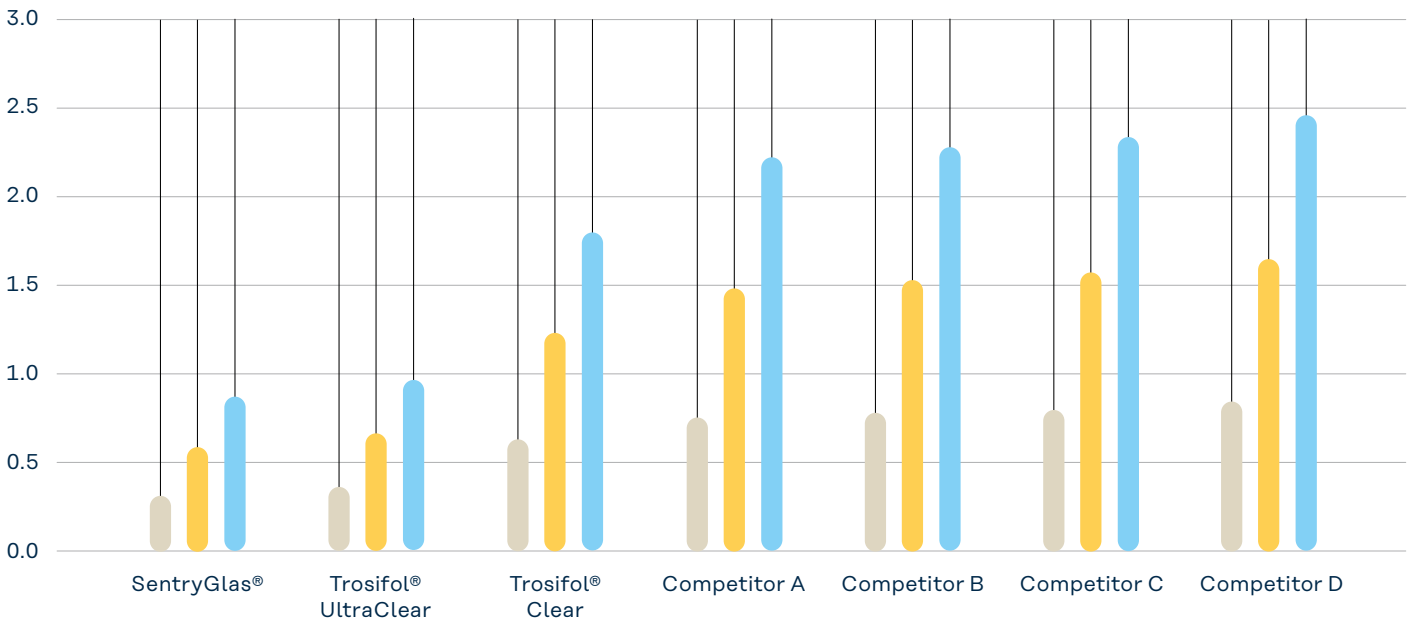
Trosifol®



Select the right clarity of the interlayers

Yellowness Index for Trosifol®, SentryGlas® and competitors

Yellowness Index ● 0.76 mm (30 mil) ● 1.52 mm (60 mil) ● 2.28 mm (90 mil)



GRAPH1 •

SentryGlas® ionoplast and Trosifol® UltraClear PVB interlayer combine low yellowness and high light transmittance.

HIGHLIGHTS

- **Highest light transmittance and lowest Yellowness Index:** the thicker the interlayer and the clearer the glass, the more you benefit from *the UltraClear performance*.
 - **Trosifol® UltraClear interlayer highlights the benefits of low iron glass**
 - **Trosifol® UltraClear ensures best color fastness (e. g. white screen-printing)**
- **High adhesion:** Specially designed for laminated safety glass, made with heat strengthened or tempered glass. *It reduces the risk of edge delamination.*
- **Open edge performance:** Salt spray test demonstrates the outstanding open edge performance with Trosifol® UltraClear
- Trosifol® UltraClear PVB has the lowest Yellowness Index (< 0.4 for 0.76 mm) and the highest light transmission (91%) as shown in the tables below.



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External yellowness specification for architects and engineers

Film thickness [mm]	Film thickness [mil]	Trosifol® UltraClear	Trosifol® Clear	SentryGlas®
0.76	30	≤ 0.4	< 1.0	≤ 0.3
1.52	60	≤ 0.8	< 2.0	≤ 0.6
2.28	90	≤ 1.2	< 3.0	≤ 1.0
7.6	300	≤ 4.0	< 10.0	< 3.0

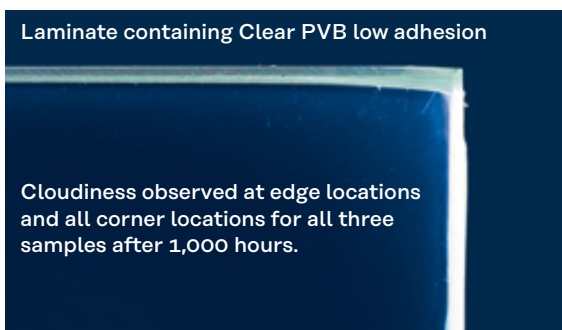
TAB • Measured between 2 x 2 mm low iron glass

Light transmittance (T_L)

Trosifol® UltraClear [%]	SentryGlas® [%]	Crystal clear competitor [%]
91	91	89

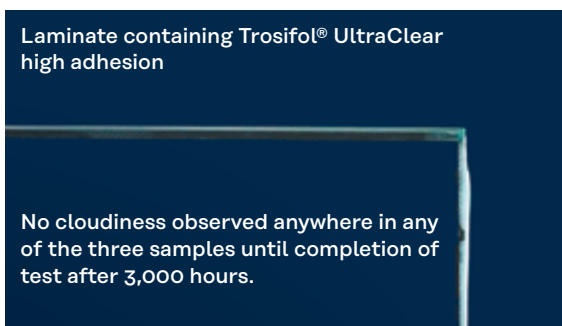
TAB • Measured with 2 x 3 mm low iron glass according to EN 410

Test report of TÜV Singapore shows outstanding performance of Trosifol® UltraClear and SentryGlas®.



Laminate containing Clear PVB low adhesion

Cloudiness observed at edge locations and all corner locations for all three samples after 1,000 hours.



Laminate containing Trosifol® UltraClear high adhesion

No cloudiness observed anywhere in any of the three samples until completion of test after 3,000 hours.



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• Trosifol® Clear Trosifol® UltraClear

Contact



FOR FURTHER INFORMATION

on products from Kuraray, please visit www.kuraray.com.

You can find further information on our Trosifol® and SentryGlas® products at www.trosifol.com.

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