

TROSIFOL®

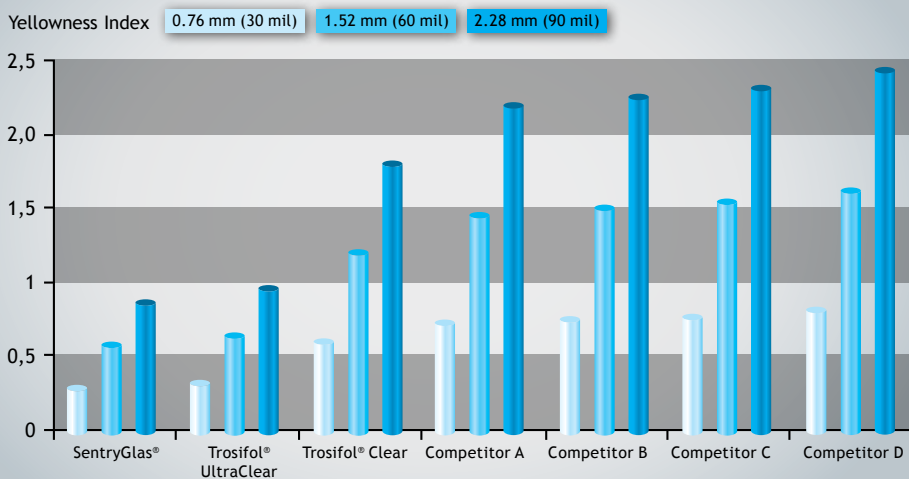
ULTRACLEAR

HIGHLY TRANSPARENT INTERLAYERS



SELECT THE RIGHT CLARITY OF THE INTERLAYERS

Yellowness Index for Trosifol® interlayers and competitors



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



Photo: © David Mitchell

HIGHLIGHTS AND RECOMMENDATIONS



Highlights

- Highest light transmittance and lowest Yellowness Index:** The thicker the interlayer and the better 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 (in this test as good as SentryGlas®).
- 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.

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

Measured between 2 x 2 mm low iron glass according to standard ASTM E 313.

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

Light transmittance (T_L)

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

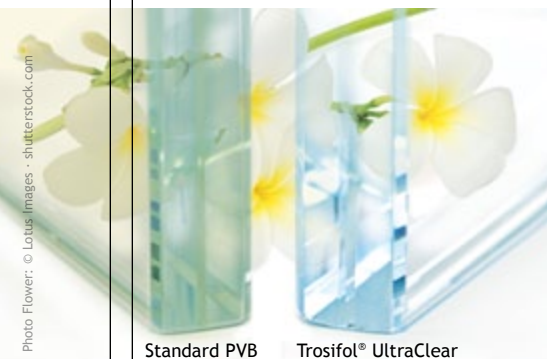
Measured with 2 x 3 mm low iron glass according to EN 410.

Laminate containing Trosifol® Clear low adhesion

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

Laminate containing SentryGlas®/Trosifol® UltraClear high adhesion

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



Standard PVB

Trosifol® UltraClear

For further information on products of Kuraray, please visit www.kuraray.com. You can find further information on our Trosifol® products at www.trosifol.com.