

UNI GLAS®
IT'S CLEAR

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Our proximity: your advantage

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UNI GLAS® | **STAR**^{TPS}
Thermoplastic Spacer



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UNI GLAS® | STAR^{TPS}

Thermoplastic Spacer

Even when it's cold and unpleasant outside, UNI GLAS® products guarantee you feel comfortable inside. They allow plenty of sunlight into the room and retain heat inside. Thermally optimised spacer elements (TPS) boost this effect and also guarantee perfect heat insulation in the area along the glass edge. As a result, the surface temperatures on the room side are higher than with conventional aluminium or steel spacer elements. The formation of condensation on the inside is minimised. Thermally optimised spacer elements also contribute to improving the heat transmittance coefficient of the whole window element, by at least 0.1 W/m²K in fact.

TPS (Thermo Plastic Spacers) are a spacer element made from thermoplastic material with an integrated drying agent, which do not use any heat conducting metals, therefore achieving improved heat insulation along the insulated glass edge. To differentiate between the insulated glass systems with hollow profiles, the systems with flexible edge are called UNI GLAS® | STAR^{TPS}.

Our advantages at a glance:

- Significant improvement in ψ value along the edge and therefore improved U value for the whole window
- More even surface temperature
- Great reduction in the formation of condensation along the glass edge
- Flexible edge seal reduces the stress on the glass
- Energy savings and improved comfort
- No interfering reflections due to metal spacer elements but coordinated to the colour of the window frame
- Maximum quality and almost unlimited life
- Minimum thickness tolerances



Image 1: Standard aluminium spacer element

Image 2: TPS spacer element, obvious, visual benefits, even with triple insulated glass