

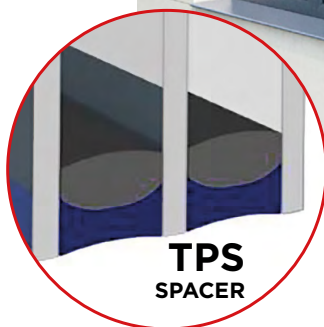
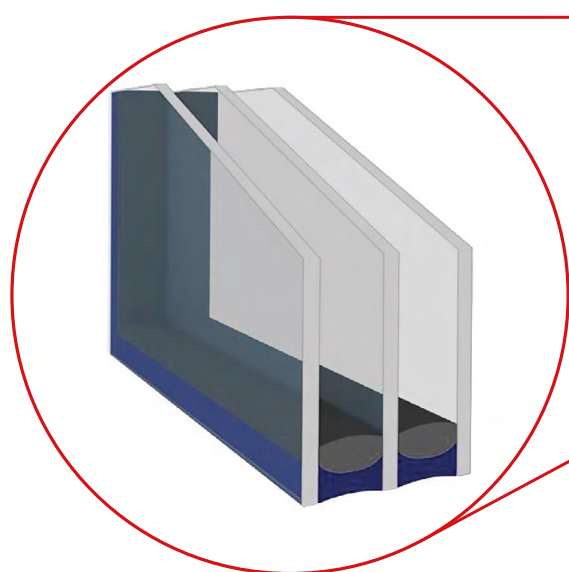
TPS SPACER

Superb window quality through a robotised production process optimised by Swiss and German engineering.

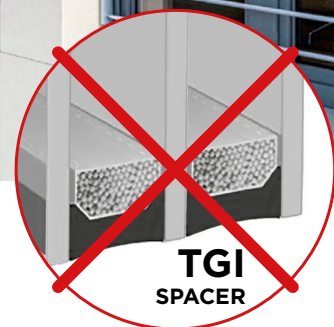
NEW

ONLY IN DOORS AND WINDOWS BY MIK

THERMOPLASTIC SPACER FOR AN EVEN GREATER THERMAL INSULATION



**TPS
SPACER**



**TGI
SPACER**

BENEFITS

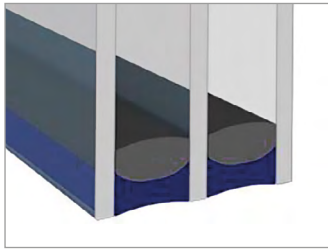
More savings
Higher quality
Only in MIK windows

CONTACT US AT

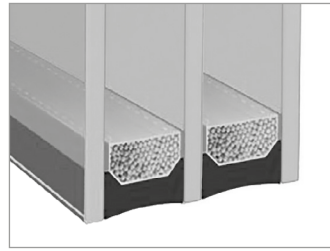
+386 3 425 50 50



TPS SPACER ADVANTAGES



Glass with a TPS spacer



Glass with a TGI spacer

UP TO 20% HIGHER WINDOW THERMAL INSULATION

The insulation value (U_w) of a window featuring glass fitted with a **TPS spacer** is **increased up to 20%** in comparison to glass with an ALU spacer.

20% TO 50% INCREASED THERMAL INSULATION OF TPS SPACER

The **20%-50% increased thermal insulation value** of the spacer provides a warm edge to the glass which **prevents the formation of dew on glass edges**.

ENVIRONMENTALLY FRIENDLY

Increased thermal value **reduces energy consumption**, while a **longer useful life** and **lower maintenance costs** help lessen the environmental burden.

AESTHETICS

A classic spacer has several joints, sometimes including corner joints. With the TPS spacer there are **no multiple joints** as the **only joint** is made when the beginning and the end of the thermoplastic material are brought together on the robotised production line.

COST BENEFITS

Until 30 June 2017, you can take advantage of a special offer of glazing with TPS spacers.

GLAZING QUALITY

The quality of the final product is increased further by a **precise manufacturing process** (our **robotised process of applying the TPS spacer** to the glass) resulting in **fewer irregularities** in the glass.

WARRANTY

The specific technical characteristics come with a **10-year warranty**.

EXCLUSIVE

MIK windows are the **only windows** from a Slovenian manufacturer that are fitted **with TPS spacers**.

COMPARISON OF GLAZING WITH A CLASSIC AND A TPS SPACER

VISUAL AESTHETICS

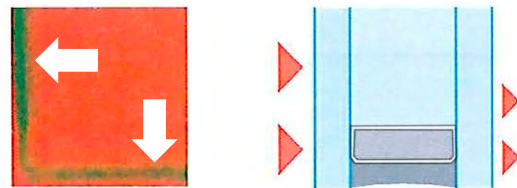


Appearance with a classic spacer

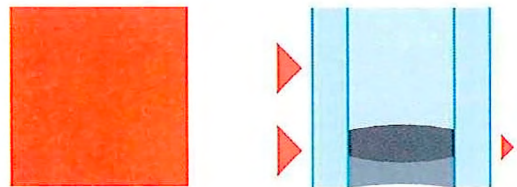


Appearance with a TPS spacer

THERMAL INSULATION



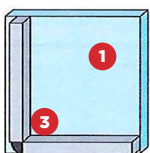
Thermographic image of a window with a **classic spacer** where the **transfer of heat** through the spacer can be seen at the glass edges.



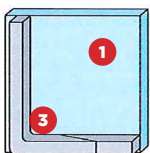
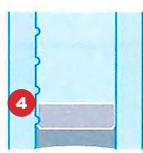
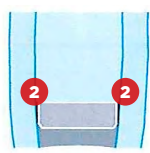
Thermographic image of a window with a **TPS spacer**. The TPS spacer significantly reduces the heat transfer, thus providing better insulation of the cold zones in insulation glass.

TECHNICAL CHARACTERISTICS

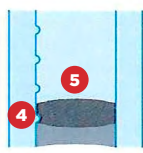
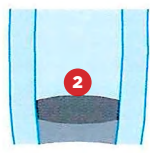
The TPS is a thermoplastic spacer that **provides a warm edge to the window glass**. In contrast to the classic spacers that come in the form of profiles and are made of metal, the TPS spacer is made of **thermoplastic materials**, free of metal components and thus **less thermally conductive**, which translates into cost savings for the buyer.



Glass with a classic spacer



Glass with a TPS spacer



- 1 The **robotised production process** enables a **more precise manufacture** of TPS spacers (identical characteristics of individual spacers) and **decreases the possibility of the introduction of impurities** onto the internal surfaces of the insulation glass.
- 2 Because of its elasticity, the spacer better **withstands the tensile forces and movements of the glass** that can be caused by fluctuations in temperature or atmospheric pressure, thus **prolonging the useful life** of the insulating glass.
- 3 In comparison to a classic (ALU, TGI) spacer with several joints, the **TPS spacer provides a better sealing**.
- 4 In ornamental glass, the TPS spacer outperforms others in **flexibility** and **adhesion** to the glass.
- 5 A **greater manufacture precision** - no deviations or variations between individual spacers.