



Thermix® Low Psi:
Extremely robust, unbelievably efficient

The new Thermix® – for low Psi values and high productivity

By now, Thermix® spacers are surely a must. After all, the new Thermix® Low Psi also optimally meets the needs of the passive house and “green” construction sectors, and makes our product range complete. The ideal solution when low heat losses and high processability are required – the new standard when it comes to energy efficiency and cost-effectiveness!

Optimum energy efficiency and high living comfort – with Psi = 0.029 [W/mK]*

With its low thermal transmission coefficient, Thermix® Low Psi makes a crucial contribution towards achieving ambitious U_w values that are required for energy saving windows in low-energy and passive houses – and provides window suppliers with benefits in relevant invitations to tender.

Additional bonus points:

- Savings on energy, heating and cooling costs
- Increase in the room-side temperature in the glass edge zone through minimisation of the thermal bridge
- Reduced risk of condensation and mould formation
- Contribution to a healthy, pleasant indoor climate

Simple, rapid processing and fewer rejects – thanks to robust design

Thermix® Low Psi consists of polypropylene (PP) with a high glass fibre component – a material composition which counteracts brittle fracture effectively.

Advantages for processors:

- Resilient during frame production and handling and during muntin bar attachment
- Fewer rejects and less post-processing
- Time and cost savings during insulating glass manufacture

* Triple glazing, $U_g = 0.7$, wooden frame in accordance with the ift guideline





***Flexible assembly production –
regardless of the process and technical facilities***

Thermix® Low Psi can either be simply sawn and, using the right corner keys, processed into a precisely inserted frame or, alternatively, be bent hot – on all suitable bending devices with an appropriate hot bending module. Its high dimensional stability also enables automated further processing of the frames.

***Optimum insulating glass quality –
long-term functional reliability and with a perfect look***

The multi-layer barrier film on the spacer is a highly efficient gas and moisture barrier and ensures the reliable adhesion of polyurethane sealant, silicone and (butyl) hot melt. Clean butyl sealing is ensured by very low product tolerances, wide flanks and accurately fitting corner connectors or perfectly bent corners with minimal widening.

***Particularly adaptable –
made for a broad range of uses***

Thermix® Low Psi is available in six colours in the sizes 12, 14, 16, 18 and 20 mm, and is perfect for combining with Thermix® muntin bars. Hence this Warm Edge spacer fulfils nearly all the requirements and design preferences of your customers.



Switch now, benefit immediately

Switching to Thermix® Low Psi takes place simply and easily. Our technical support team will be very happy to assist you on site with the changeover.

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