

Press Release

August 9, 2018

Thermix: The latest on Glasstec 2018

Ensinger is celebrating 25 years of Thermix – and bringing several innovations to the leading global trade fair for glass processors

1993 saw the development of Thermix, the world's first coextruded spacer profile for the "Warm Edge". This made it easier for insulating glass manufacturers to switch from aluminium to a thermally optimised edge bond. Within the easy-to-process and versatile Thermix range, Ensinger the plastics specialist is now further expanding the options with regard to design, performance and handling.

Façade spacer with black flank

To achieve perfect, frameless façades, Ensinger is now offering Thermix TX Pro in all sizes, also with flanks that have been printed black. These are a simple means of preventing the visual interference, known as "flashes", that occurs as a result of stainless steel covers shining through in the edge zone of the glazing despite careful processing. Colour-fast and UV-resistant, Thermix with a black flank ensures a uniform, aesthetically convincing façade appearance.

For the most exacting standards: Thermix Low Psi

"In addition to Thermix TX Pro, with the new Thermix Low Psi we are setting standards when it comes to ease of processing and energy efficiency", Rolf Friedrich Buhl, the Sales Director for Thermix at Ensinger, is pleased to report. "With an impressive Psi

Ensinger is exhibiting:

Glasstec

23 - 26 October 2018
Düsseldorf, Germany
Hall 15, Stand G21

Veteco

13 -16 November 2018
Madrid, Spain

Bau

14 - 19 January 2019
Munich, Germany

value of just 0.029 W/mK^1 , the Thermix Low Psi is one of the best thermally optimised spacers in the high-performance segment. This product makes it possible to optimally satisfy the most exacting standards for passive houses and 'green building'."

Thermix Low Psi consists of glass fibre reinforced polypropylene (PP). A multi-layer barrier film on the spacer serves as a highly efficient gas and moisture barrier and ensures the reliable adhesion of polyurethane sealant, silicone and hot-melt butyl. Clean butyl sealing is ensured by very low product tolerances, wide flanks and accurately fitting corner connectors in the case of a sawn profile or cleanly bent corners with minimal widening in the case of a hot-bent frame.

Flex 20 for spacers and muntin bars

A flexible packaging design is now making it easier for retailers and insulating glass manufacturers to stock up on goods. Using Flex 20, 20 individually selected spacer and muntin bar variants can be assembled on a pallet as needed. Where there is limited warehousing space, a greater range of products and higher degree of processing flexibility can thereby be optimally guaranteed.

(2509 characters including spaces)

¹ Representative Psi value for triple insulating glazing $U_g=0.7 \text{ W/m}^2\text{K}$ in a wooden frame, determined in accordance with the ift guideline WA-17/1m cf. [BF data sheet W36 Thermix Low Psi](#).

Photos:



Image 1: Thermix TX Pro with black flank for perfect frameless façades.



Image 2: Thermix Low Psi is available in the sizes 12, 14, 16, 18, and 20 mm as well as in the standard colours of black and light grey and four special colours,



Image 3: Flex 20: The wooden pallet contains 20 boxes with Thermix spacers and muntin bars in individually selected dimensions and colours.

Picture courtesy of: Ensinger GmbH

In high quality: [Download ZIP](#) or via press.info@oha-communication.com

About Thermix

Thermix spacers improve the thermal separation of insulated glass windows, doors and facades. This helps save energy and consequently heating and cooling costs as well as cutting carbon emissions. As an insulated glazing edge bond system, Thermix spacers provide a "warm edge". In addition, Thermix muntin bars produce the appearance of a genuine lattice window but with an excellent level of insulation. Both products can be simply and efficiently processed. Specially developed corner keys and straight connectors ensure well-fitting and secure connections every time. Thermix is a brand of Ensinger, one of the leading specialists in high-performance plastics. For more information, go to: www.thermix.de/en

About Ensinger

The Ensinger group is engaged in the development, manufacture and sale of compounds, semi-finished materials, profiles and technical parts made of engineering and high-performance plastic. Ensinger makes use of a number of different manufacturing methods, in particular extrusion, machining and injection moulding. Employing a total workforce of 2,400 in 33 locations, the family firm is represented in many important industrial regions of the world with its own production plants or sales branches. For more information, go to www.ensingerplastics.com

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