

Press Release

November 9, 2016

insulbar – minimum lambda value, maximum insulation

BAU 2017 will see Ensinger exhibiting its new, highly insulating profile for metal windows, doors and façades.

At the world's leading trade fair for the building sector, the plastics specialist is presenting the next generation of thermal separation of metal frames. The distinctive feature of the new insulating profile? A special material permits, thanks to its material structure, a particularly low lambda value.

"The characteristic property of the new product is its internal fine-pored, closed-cell structure. Thanks to these pores, the density of the material is reduced and the thermal conduction capacity of the insulating bar is therefore lower and hence particularly insulating", explains Dr. Michael Möller, Head of insulbar Innovation Management. "Consequently it will primarily be used in special profiles where there are high demands on the insulating effect."

The porous insulbar insulating profile is produced from a new material and is currently undergoing suitability certification in line with DIN EN 14024. A special manufacturing process generates closed, scattered pores in the insulating bar; the product itself is based on the Ensinger Patent EP1242709 (B2). The surface of the profile remains compact and not porous.

Ensinger is among the leading developers and manufacturers of high thermally insulating profiles for window, door and façade construction.

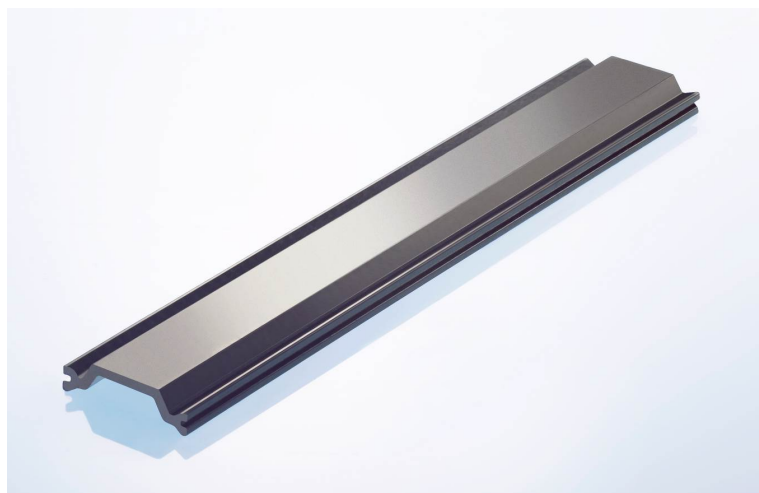
Ensinger is exhibiting:

BAU
16 - 21 January 2017
Munich, Germany
Hall B1, Stand 430

In 1977 the German company invented the world's first plastic thermal insulating profile for thermally separated metal systems and in doing so revolutionised the market. Today, insulating bars from the plastic specialists are in successful use everywhere the world over, and they are being continuously further developed. Many innovations from Ensinger have been instrumental in shaping the thermal separation of metal windows, doors and façades.

For more information, go to: www.insulbar.de/en

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Picture: A new material with a porous structure permits lower lambda values: BAU 2017 will see Ensinger presenting a new, highly-insulating insulbar insulating profile.

Picture credits: Ensinger GmbH

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About insulbar

Ensinger GmbH is among the world's leading developers and producers of insulating profiles for window, door and facade construction. The profiles marketed under the brand name insulbar[®] create a thermal separation between the inside and outside shells of metal frames. Insulation systems using insulbar profiles achieve optimum values in terms of energy savings and cutting the cost of heating and cooling. At the same time, insulbar profiles comply with the most stringent quality standards in every respect. They have been in successful operation around the world for over 30 years. For more information, go to www.insulbar.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 2,300 in 28 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.ensinger-online.com

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