

**Restriction notice:**  
Please do not publish before Sep. 23, 2015!

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## Press Release

September 15, 2015

### Sought? Found!

**The insulbar Finder from Ensinger guides customers quickly to the right insulating profile. Even when they are out and about.**

Given the wide-ranging demands made on contemporary metal windows, doors and facades, the development of a new system is time-consuming and complex. As far as the most suitable thermal separation is concerned, designers can now rely on support from the insulbar Finder.

The product selector guides users step by step to the right product from the extensive range of standard insulbar profiles. And there is more than one way to reach your end target: For example by providing information on the planned system cross-section of a window. If users opt to use this search method, they first have to decide on an opening method. The next step is to narrow down the frame values, such as the  $U_f$  value and various dimensions. The selection process is completed by providing information on the window itself.

Other points of entry for searching are parameters relating to the geometry or – if available – the article number of the required profile. No matter which route customers chose, in the end they will be given all the technical information about the selected profile. Registered users simply download it. A mouse click sends the selection direct to the Ensinger sales team with an enquiry.

For Matthias Rothfuss, Project Manager for insulbar Development & Application Technology, the new selection tool is an invaluable aid: "Using the insulbar Finder, we can provide our customers with

Ensinger at fairs:

**BATIMAT 2015**  
November 02.-06., 2015  
Paris  
Hall 6, Stand 150

**Fenestration China 2015**  
November 11.-14., 2015  
Shanghai  
Hall 2, Stand 2.001

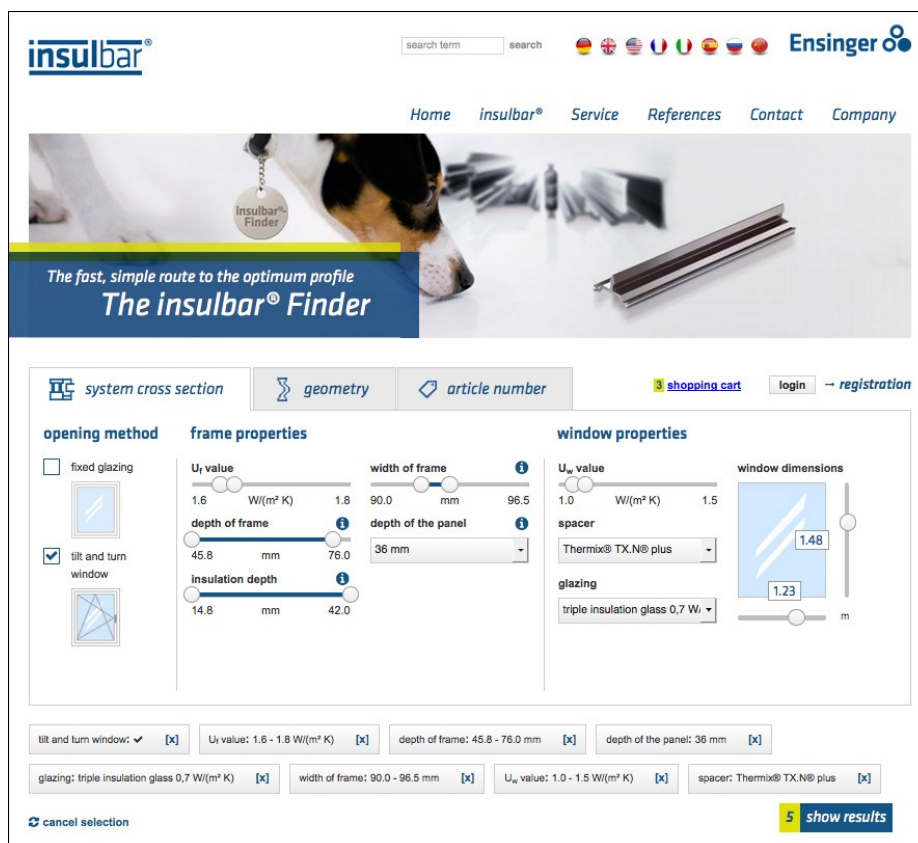
support right from the earliest development stage – irrespective of the time or place. By deciding in favour of an existing insulating profile, they will be faster to market with their systems. In addition, this means eliminating any costs for specially required tools."

The product selector [www.insulbar-finder.co.uk](http://www.insulbar-finder.co.uk) automatically adjusts the screen to the terminal device – even smartphones or tablets.

Ensinger is inviting anyone interested to come and get acquainted with the insulbar finder at the Batimat Trade Fair (Stand no. 150, Hall 6) in Paris.

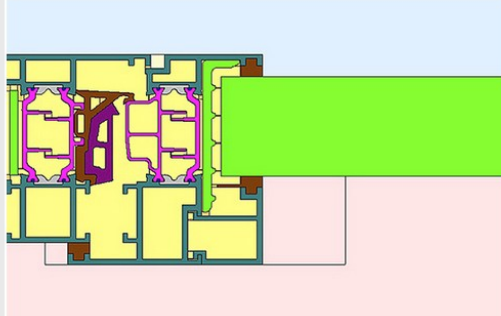
For more information about insulbar, go to [www.insulbar.de/en](http://www.insulbar.de/en)

(2,138 characters including spaces)



Picture 1: The insulbar Finder guides users online step by step to the most suitable insulating profile. For example by providing information on the planned system cross-section of the window.

system 11 system cross section 116



**technical data**

$U_f = 1.7 \text{ W/(m}^2 \text{ K)}$   
(1.706)

$U_w = 1.1 \text{ W/(m}^2 \text{ K)}$   
(1.074)

width of the window = 1.23 m  
height of the window = 1.48 m  
glazing: triple insulation glass 0.7 W/(m<sup>2</sup> K)  
spacer: Thermix® TX.N® plus ( $\Psi = 0.045 \text{ W/(m K)}$ )

**composition of the system cross section**

- width of frame 92,5 mm
- depth of frame 76 mm
- insulation depth 34 mm
- depth of the panel 36 mm
- optimised glazing rebate and wall connection
- Low-E film 12 ε 3 on flags of thermal break profiles
- optimised central gasket

illustration of the system cross section

[system cross section](#) [heat flow](#) [isothermal lines](#)

articles in this system cross section

**art. 2807**  
34 mm



offset with 2 flags

→ [Article in detail](#)



**art. 3172**  
34 mm



offset with 2 hollow chambers and 2 flags

→ [Article in detail](#)



**art. 2805**  
34 mm



offset with groove and 2 flags

→ [Article in detail](#)









downloads

- [cross section - DWG \(338 KB\)](#)
- [Uf calculation report - PDF \(316 KB\)](#)
- [Winiso calculation file - F2D \(2 MB\)](#)

[registration](#) →

shopping cart

article	details	material	further processing	length (mm)	quantity
	art. 2805 34 mm offset with groove and 2 flags	66 GF	<input checked="" type="checkbox"/> Low-E film 12 ε 3	6000	1000 
	art. 3172 34 mm offset with 2 hollow chambers and 2 flags	66 GF	<input checked="" type="checkbox"/> Low-E film 12 ε 3	6000	500 
	art. 2807 34 mm offset with 2 flags	66 GF	<input checked="" type="checkbox"/> Low-E film 12 ε 3	6000	500 
<b>total quantity</b>					<b>2000</b>

 [submit request](#)

*Picture 2 & 3: The search result indicates the system cross-section in detail plus technical information and all the included insulbar insulating profiles. Once the right profiles have been placed in the shopping basket, the user can place an enquiry directly with the insulbar sales advisors.*

Picture caption: Ensinger GmbH

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

#### **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](http://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 2,200 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](http://www.ensinger-online.com)

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