

## Press Release

### Doubly active against climate change

#### **The insulbar® RE from Ensinger is the first ever thermal insulating profile for metal frames made of recycled materials**

Anyone aiming to save energy and so drive down carbon emissions in the construction sector needs to pay attention to a whole range of issues, including the use of highly insulating windows, doors and facades. Ensinger's insulbar® plastic insulating profiles can make a decisive difference by providing a thermal barrier between the inner and outer shell of a metal frame. Their positive effects are not limited to the environment – they also benefit the bank balance by driving down the cost of heating and air conditioning.

With its latest development, the insulbar® RE insulating profile, Ensinger has taken its commitment to the planet another step further: by saving even more energy and precious resources right from the manufacturing stage. insulbar® RE is made of 100 % unmixed recycled polyamide. This base material is upgraded using a special process to lend it properties on a par with new material. This process extends the useful life of this high-grade material by another complete product life cycle, actively protecting the environment and helping to slow climate change – and has consequently been dubbed “upcycling”.

The process used by Ensinger to “upcycle” the polyamide recycle is fully in compliance with the stringent insulbar® quality standards as set out by DIN ISO 9001 : 2008. The composition and properties of the material are exhaustively tested and documented at every processing stage. This ensures that insulbar® RE comes with the same high quality credentials users have come to expect from the classical insulbar® profiles: As well as being energy efficient, insulating profiles made of recycle provide impressive mechanical properties, durability and functional reliability for years to come.

System manufacturers and processing companies using insulbar® RE insulating profiles made of recycle in the window and facade construction business will be ideally equipped to meet not only present-day but also future building requirements and regulations. Already today, for instance, public buildings or large property

Ensinger will be exhibiting:

#### **MADE**

02 - 05 October 2013  
Milan, Italy  
Hall 3, Stand F31-G28

#### **BATIMAT**

04 - 08 November 2013  
Paris, France

investment projects constructed to high ecological standards are being conferred with quality seals in compliance with the DGNB, LEED or similar qualification systems. These are designed to classify the whole of the construction process and the building materials used in ecological, economic and functional terms.

Because the use of insulbar® RE can provide a key competitive edge when bidding for green construction projects, adopting a sustainable and environmentally responsible approach can bring economic rewards too.

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

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Picture caption: insulbar RE: This insulating profile which creates a thermal barrier between metal frames is made from 100% unmixed polyamide recycle.

Picture courtesy of: Ensinger GmbH

In high quality: [press.info@oha-communication.com](mailto:press.info@oha-communication.com)

#### **About insulbar®**

Ensinger GmbH is one of the world's leading developers and producers of thermal insulating profiles for window, door and facade construction. The profiles marketed under the brand name insulbar® create a thermal barrier between the inner and outer shells of metal frames. Insulation solutions using insulbar® profiles achieve the best values in terms of energy saving and reduced heating and air conditioning costs, while complying with the most stringent quality standards in every respect. They have been in successful application the world over for more than thirty 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 plastics. Ensinger uses a wide range of manufacturing techniques including extrusion, machining and injection moulding. With a total of 2,100 employees at 27 locations, the family-owned enterprise is represented worldwide in all major industrial regions with manufacturing facilities or sales offices. For more information, go to [www.ensinger-online.com](http://www.ensinger-online.com).

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