



*insulbar® RE – sustainable, reliable,  
tried and tested a million times over*



## *insulbar RE helps your system achieve true sustainability*

***Environmentally compatible and resource-saving, climate-friendly construction is in fashion. More and more buildings are being constructed in line with certification systems such as DGNB, LEED or BREEAM. And it is precisely for such projects that, back in 2013, Ensinger invented an insulating profile from 100 % recycled polyamide and was the first to put it on the market.***

insulbar RE has successfully established itself: Millions of linear metres of the profiles have been incorporated into buildings and so far several thousand tonnes of CO<sub>2</sub> emissions

have been avoided as a result. With a suitability-tested material in line with EN 14024, an existing EPD and Cradle to Cradle certification in silver, the profile gains points not only with regard to “green” construction but also with its high level of reliability and safe functioning in the long term. Certifications in accordance with CSTB and SKZ provide evidence of this.



### **Honoured for protection of the environment and conservation of resources**

insulbar insulating profiles stand for highly efficient thermal separation of metal windows, doors and façades; they thereby reduce energy consumption and hence heating costs.

But by using 100 % recycled polyamide, insulbar RE contributes even at the production stage to saving energy and raw materials, reducing CO<sub>2</sub> emissions and improving the ecological balance sheet. Impressive details are provided by the EPD drawn up by the ift Rosenheim in line with EN ISO 14025:2011 and EN 15804:2012.

### **The perfect match for your product**

Are you also – in line with the goals of the A/U/F initiative – already using recycled aluminium? Then take a crucial step further now: insulbar RE gives you the possibility of making your products even “greener” and thereby even more attractive to your customers. Making the switch is easy. This is because existing tools can be used as they always have been and without additional costs.

### **Know-how and experience instead of experiments**

In order to produce high quality recycled profiles with identical properties to conventional insulating bars, reliable supply sources for unmixed recycled material, lots of experience and also a secure command of the upcycling process are necessary – three requirements which Ensinger, as a leading plastics expert with its own compounding facility, fulfils 100 %.

### **Recycled profiles in optimum quality**

The quality of insulbar RE is monitored in accordance with DIN ISO 9001:2015. We guarantee excellent mechanical characteristics, extreme durability and functional reliability built to last.

### **As individual as your customers' needs**

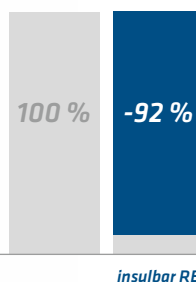
Alongside a wide range of standard versions you can also, if desired, receive insulbar RE as an application-specific, customised product – precisely to your specifications. Naturally delivered on schedule and inclusive of our sound advice and support service.



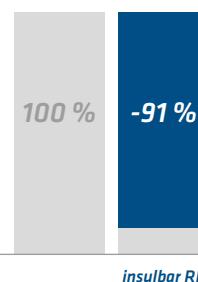
*Less consumption and lower environmental burden – more points with “green” construction!*



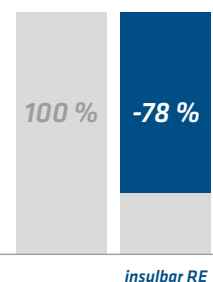
**Consumption of fossil fuels**



**CO<sub>2</sub> emissions**



**Water consumption**



The outstanding ecological balance of insulbar RE is already apparent at the manufacturing stage. Here it is shown in comparison with a conventional insulating profile from non-recycled polyamide.

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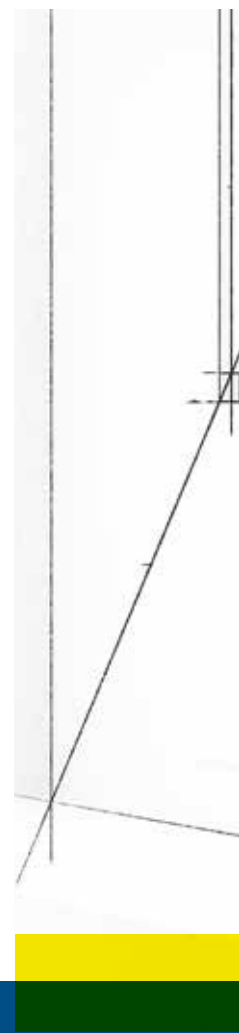
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