



Technological advance to help combat climate change

>>> Recycled Polyamide

>>> Enhance your project — and help combat climate change

WICONA is the first to use recycled polyamide!

Economical. Saves Resources. Innovative.

WICONA is the first system supplier in the world to use thermal insulation strips made from recycled polyamide for the thermal insulation of its systems. Available as standard right away and at no extra cost! With outstanding mechanical and physical properties – and an excellent environmental performance.

Gain the benefits of a pioneering innovation that further improves the ecobalance of the tried and tested WICONA window, door and façade systems. Those using it will not have to make any compromises on quality, as the completely newly-developed material for insulation strips has a certified rating equivalent to polyamide 6.6.

WICONA Partners use this exclusive new development automatically and without additional costs – the new insulating walls do not have to be ordered separately. Already today, recycled insulation strips are installed in 50% of all WICONA products and will be phased in throughout the entire product range.

For a low CO₂ emission system

A large gain in sustainability due to low consumption of energy and resources: Compared with the insulation strips previously used, made of conventional polymaide 6.6, the new recycled version features a considerably improved production ecobalance.

89%
Lower consumption of fossil resources

84%
Lower CO₂ emissions

32%
Lower water consumption





Extra points and additional percentages – for no extra charge or additional cost



The first choice for green building projects

The Environmental Product Declaration (EPD) of ift Rosenheim to DIN ISO 14025 and EN 15804 confirms the unique ecobalance of this exclusive development. Thus architects and fabricator gain decisive advantages if certifications according to LEED or DGNB are required – a real plus for the relevant contracts.

New material, proven quality

The new recycled insulation strips have the same outstanding quality features that have been persuading developers to use conventional insulation strips in WICONA systems – even with respect to $\rm U_{\rm f}$ ratings. The equivalent rating of the new material to polyamide 6.6 originating from petrochemicals is proven by a qualification test to DIN EN 14024.

Furthermore, the recycled polyamide used by WICONA has considerably better performance data than the polyamide alternative obtained from biological sources, particularly where sustainability, stability and cost-effectiveness are concerned.







Recycled polyamide is available right away in WICONA systems - the benefits at a glance

An innovation which brings dual benefits: you, the customer, can be sure that this improves green building projects – and our climate benefits from the greatly improved environmental compatibility of WICONA products.



By using recycled polyamide, WICONA plays a pioneering role compared with the competition and proves its innovative leadership once again.



As a customer, you don't pay a penny more and you get this exclusive new development as standard – without special logistics and processing measures.



The outstanding environmental efficiency ensures decisive advantages if certifications according to Green Building Labels such as LEED or DGNB are required.



WICONA is committed to combating climate change and has reduced its annual ${\rm CO_2}$ emissions in production by over 12 000 t.



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