LAMBERTS

www.lamberts.info

What is LAMBERTS iEcoGlass?

The concept of iEcoGlass rests on four main pillars, which makes it one of the most sustainable building products available:

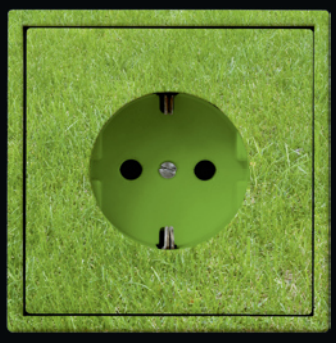
Oxygen fired furnace

Since 1996 LAMBERTS is the first and only architectural glass manufacturer in the world to manufacture all glass types using an oxygen-fired melting furnace, this currently being the most ecologically sustainable method available!
This pioneering step was based on the recognition that production processes should be evaluated and improved in terms of environmental friendliness as well, and the project was implemented by Lamberts back in the nineteen nineties already. LAMBERTS has gradually refined its manufacturing processes over the years, enabling its glass products to be produced with the maximum possible share of recycled glass, and of the highest quality.
Emissions that are common in standard glass manufacturing (where air is used instead of oxygen), like for example NOx emissions, are already reduced to nothing or a minimum during the production processes at Lamberts factory, this being particularly due to the use of the special glass furnace.
An intricate filter system reduces any remaining emissions to a level that sets standards, especially on a global scale.

Recycled glass content of the molten glass

LAMBERTS recycles 100 %of their glass loss during production and, in consequence of intelligent glass processes, uses in their production up to 50 %of post-consumer recycled glass (at a guaranteed minimum of 30 %and an average of 41.2 %in 2010). We still have to live with these percentage deviations, because there is still not as much suitable post consumer recycled glass available as we would like to use.
For special projects and orders it is possible to guarantee a higher maximum post-consumer recycled glass percentage than 30 %, when we are able to plan the production dates right in time.

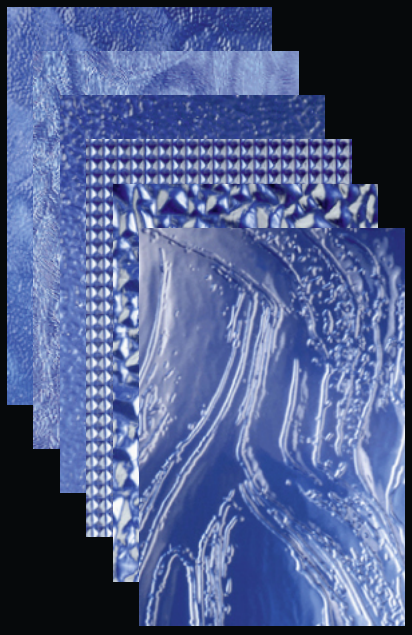
Green electricity



Since 01.01.2011 the whole Glasfabrik LAMBERTS, from the PC's in the administration to the glass furnace in the production, uses exclusively green electricity.
Since its start in 1887, our factory has always been located in Wunsiedel, Bavaria, which is probably one of the leading green cities in Germany where all consumed electricity is green electricity by now.
We have decided early 2010 to do this next (and besides significantly more expensive) step, because we are convinced, that also industrial manufacturers do have a social obligation and a responsibility for the environment.

Sustainability

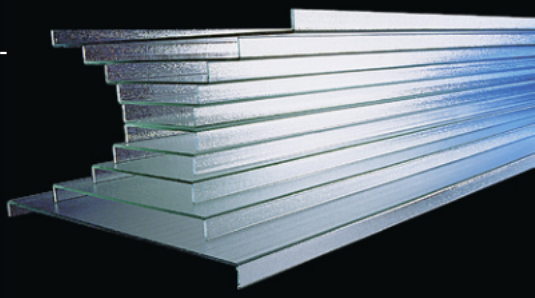
LAMBERTS iEcoGlass is 100 %recyclable when it is to be discarded in the future for whatever reason. When it is recycled , in the melting process, no harmful side effects occur whatsoever. These and many additional individual measures enable us to offer you high quality glass products that for many years now not only successfully contribute towards an ecologically sustainable future in architecture, but also apply the most ecologically friendly methods possible in their manufacturing process.



Which glasses of the LAMBERTS product range are available as iEcoGlass?

Basically all pattern and wired glasses from the LAMBERTS product range are available as LAMBERTS iEcoGlass and all LAMBERTS LINIT U profiled glasses, which are produced in standard light green molten glass.

The recycled glass content in low iron glass is lower than in standard green glass, because there is less post-consumer recycled glass available. The other three concept parameters oxygen fired furnace, Sustainability and green electricity, are naturally also part of a low iron production.



How can I make sure, that the glass for my project is LAMBERTS iEcoGlass?

First of all LAMBERTS iEcoGlass with its special ecological parameters has to be chosen by the investors/owners and specified by the architects.

The glazier or glass wholesaler has to order the glass type from the product range as “iEcoGlass” at LAMBERTS (for example: Royal King EcoGlass, 4 mm).

LAMBERTS will produce the glass as “iEcoGlass” and provides in addition to the material an original LAMBERTS iEcoGlass product certificate (including the name of the customer, the order number and production number), confirming that the supplied products have been produced in an iEcoGlass batch.

LAMBERTS

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Certificate of sustainable production

We would like to congratulate you for using the most enviromental friendly glass products available by choosing LAMBERTS ECO glass.

Our glass products consist of approx. 50% recycled glass partially from our internal recycling system, partially from post consumer recycling. In addition we solely use green electricity (Wind, water) for the production of our glasses

Apart from that our entire product pallet is produced in our most modern oxygen fired glass furnace.

These and many other actions we undertake for enviromental friendly production, convice us that right now LAMBERTS Glass products are not only one of the favorite products in Architecture, but also the most

Wunsiedel, _____

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Glasfabrik Lamberts
GmbH & Co.KG

EcoGlass™
LAMBERTS

Special Recognition

In 2008, within the scope of a large international competition organized by the renowned American journal “Sustainable Industries”, LAMBERTS LINIT U-profile glass has been distinguished by the jury as one of the TOP 10 GREEN BUILDING PRODUCTS 2008, based on the first two iEcoGlass parameters mentioned above, and was the only glass product among the winners.

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