

P F G



Sustainability

IN HARMONY WITHIN THE ENVIRONMENT



www.pfg.co.za

In harmony with the environment

PFG is an ISO 9001:2000 (quality management system) and ISO 14001 (environmental management) certificated company, PFG adheres to the highest standards of sustainable operating.

Windscreen recovery and recycling

A programmes in place to recover broken windscreens from glass operations around the country, and return them to PFG in Springs. Here, the windscreens are crushed in a dedicated plant, the plastic interlayer is removed and the remaining glass is broken down further to produce cullet, which is then recycled in the glass-making process. This reduces landfill volumes and energy requirements.

Waste management

For every 1000 tons PFG melts, we currently generate approximately 30% less waste than in 2007.

Timber, used in crates, is re-used as base for packaging at our Sealants operation. Similarly, we recycle steel from crate strapping and equipment packaging, and we have an active paper recycling programme throughout the site. Interleaf paper, used to separate glass sheets during packaging, is also recycled. We collect glass from processors around the country, for re-use in our many processes.

Emissions

New technology used at our float lines (SP3 and SP4) delivers significantly lower (approximately 30%) NO_x and SO_x

emissions. We constantly strive to reduce our carbon footprint through load optimisation, return loads and local sourcing of raw materials and the use of cleaner energy sources.

Energy efficiency

PFG's strategy is to reduce our energy consumption by 10% per annum. We have exceeded this target every year since 2006, by converting part of our operation to natural gas and reducing our demand for oil. We also replaced the furnace at our Rolled plant (SP1) furnace, which effectively halved the energy requirement.

Going green

PFG actively promotes the use of 'green' glass in buildings – such as Menlyn Park Shopping Centre, OR Tambo International Airport, King Shaka International Airport and other buildings. Green glass reduces the need for airconditioning in the hot South African climate.

In 2008 we began producing low iron glass for energy-efficient solar applications. Local manufacture of this glass eliminates the need for imports.

High performance coated laminated products improve the aesthetic look of buildings and is one of the most efficient mechanisms to prevent heat loss in buildings, reducing the use of energy consuming appliances.





Supporting environmental initiatives.



Modern laminating technology, producing energy-efficient glass.



Wooden pallets are reclaimed and recycled.



Fuel efficient fleet.



Cullet makes up part of the raw material batch.



Solar efficient building glass.



Energy efficiency | Windscreen recovery | Waste management

PFG



Tel: 011 360 1000
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