



Being a New Zealand based manufacturer, our environmental impact is always at the forefront of our minds in all facets of our processes and we proudly only use New Zealand raw materials in our manufactured product items. E0 MDF and Melteca products are used in the manufacture of our joinery items and all solid wood used in our soft and collaborative space seating is NZ pine from sustainable wood forests. New Zealand tube mills manufacture our steel and our aluminium dies are held with Ulrich Aluminium.

Bourneville Furniture Group Ltd (BFG) is committed to sustainable manufacture and the long-term sustainability of our product.

Melteca and Melamine board is the largest raw material product we as a manufacturing company consume.

- BFG only offer and use as our standard, the Laminex Green First Range Melteca E0 which has low formaldehyde emissions to improve better indoor air quality. The Melteca range also has the Forest Stewardship Council Certification. This range has also been awarded the Environmental Choice New Zealand License.
- Steel and Aluminium componentry off cuts and any waste product is collected in bins and sent back to metal/aluminium recyclers for reuse.

Below is some relevant information on the Melteca material we have priced. The Melteca range that we use in our products has been awarded the Environmental Choice New Zealand Licence.

- The Laminex Group manufactures MDF panels which comply with the low formaldehyde I E1 defined in AS/NZS 1859 Part 2 (2004) for MDF, placing them amongst the best in the world.
- The Greenfirst range includes the option of MDF panels with the very low formaldehyde emission level E0 substrate (Lakepine® Zero)
- Formica® Melteca® on Lakepine® MDF products emit formaldehyde well below the workplace exposure limit set by Occupational Safety and Health New Zealand
- Formica® Melteca® also emits very low traces of Volatile Organic Compounds (VOC's)

Wood Fibre Source for Formica® Melteca® on Lakepine® MDF and Lakepine® Zero

- The Lakepine® range is manufactured in New Zealand's South Island
- A significant proportion of pre-consumer recycled and reclaimed wood fibre is used in the production of Lakepine® MDF, giving this product a high 'eco-preferred' content
- The wood fibre used is constituted as follows:
 - Wood species is almost exclusively Pinus Radiata from Otago and Southland plantations
 - Pre-consumer recycled content 60%
 - Reclaimed silviculture (forest floor) fibre 5%
 - Wood chip 35%

Any wood waste-product that results from our manufacturing process is disposed of separately, recycled into hard pellets and ultimately used as green combustion for concrete manufacture. Tops are programmed and machined using CNC technology, then edged with 2mm ABS edging. In our edge-banding machines, we use water-based adhesive with a low melting temperature.

BFG run a stringent Environmental Management System (EMS) set up in 2008. It is in line with ISO14001 standards and tracks our total manufacturing cycle from procurement of raw materials, manufacture monitoring of waste, water consumption and fuel usage through our motor vehicles and travel.

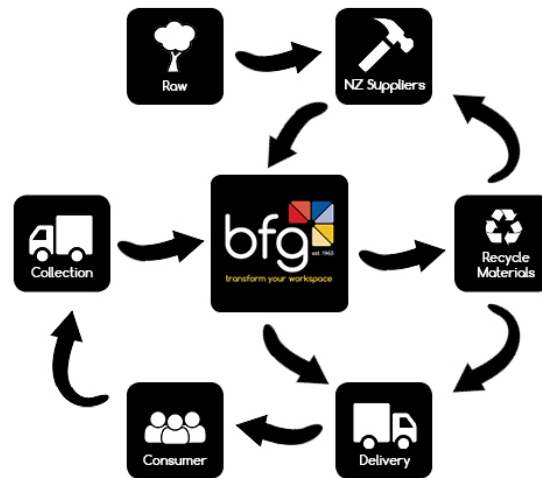
Our EMS is set to continue to assess the environmental impact our manufacturing processes have on the Environment. BFG minimises the impact on the environment with each step of our activities from buying and sourcing raw materials, through to the manufacture and the use by our consumers. We monitor our impacts and progress with the annual reporting system Environmental Performance Indicators (EPI) carried out each year.

The key environmental factors we are taking into consideration are:

- Life cycle of our product
- Re-use and recycle of all materials
- Minimise waste and energy consumption through monthly analysis
- Design of innovative environmentally friendly product

Looking at areas in our manufacturing plant that have an impact on the environment and implementing procedures to minimise impact.

The flow chart below illustrates the whole of life cycle of our products from raw material through manufacture and use as a commercial product for our clients through to our corporate responsibility to collect and recycle our product back into reuse.



BFG adopt a whole of life approach to the furniture we manufacture and in order to minimise long term impact to the environment, are committed to taking back our furniture at the end of its useable life and breaking down for reuse where possible or recycling. BFG would look to put in place a formal product stewardship agreement with the client to ensure our overall responsibility in the whole of life product approach.

Future product design needs to incorporate sustainable manufacture now but also allow for disassembly and re configuration later in the products life, with Product Stewardship in mind we now analyse the full life cycle of our product through design and development, and plan to be the responsible company in charge of its disposal.

