



ecologia™ Recycled Sheet

100% Recycled • 100% Benefits • 100% Australian Made

Introducing the **ecologia™** range of 100% recycled plastic sheet!

The **ecologia™** sheet range comprises of three members:

marmo™ - marble-like sheet, **transeco™** - translucent sheet, and **fluido™** - glossy metallic-like sheet.

ecologia™ is a recycled and recyclable product that is:

- able to be printed on
- able to be die-cut into almost any shape and size
- able to be folded and glued
- available in a range of surface finishes including mirror, embossed, leather and suede
- available in varied thicknesses ranging from 0.38mm through to 5.0mm

ecologia™ is well suited for stationery, folders & binders, packaging, POS, in-store displays, book covers, signage, tags & labels, carry bags, presentation kits, maps and posters . . . the uses are only limited by your imagination.

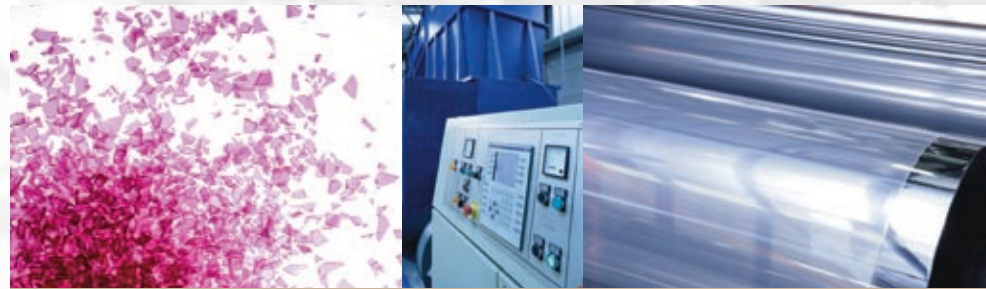
ecologia™ recycled material is not inferior in quality to virgin material. Megara is constantly working towards ways of bringing environmentally friendly products to the marketplace. Megara has its own purpose-built recycling plant on-site which produces the materials used in the manufacture of our 100% recycled **ecologia™** range.

Incorporating state-of-the-art technology, it transforms discarded scrap and products into a pelletised form having properties closely matching those of virgin material. All of this makes it possible to formulate high-quality products from 100% recycled material in an energy-efficient way which would have otherwise been disposed of in landfill.

Megara's aim is to increase the amount of material that is recycled, therefore helping the environment through reducing the amount of landfill. There are multiple benefits in this recycling process:

- extending the life of a raw material resource
- no land fill
- recycling in an energy efficient way
- reduction of greenhouse gases produced
- no pollutants in the water or environment

Once finished with your products, we encourage them to be returned to Megara for recycling.



FACT: Did you know that recycling paper is more energy intensive than recycling plastic?

Did you know of the energy efficiencies when recycling?

The **ecologia™** sheet range is environmentally friendly, and highly energy efficient with limited energy used to recycle the material.

For example, when comparing virgin material to recycled material, there is a 40:1 energy consumption ratio, meaning recycling uses forty times less energy along its path of transformation back into packaging material.

The additional benefit of recycling being 40 times less carbon dioxide is released into the environment resulting in far fewer greenhouse emissions.

Did you know PVC is intrinsically hard to recycle?

PVC is only able to be recycled by adding additives to the process to stabilise the material. These additives being heavy metals such as lead are not environmentally friendly.

If burnt, PVC releases toxins and hydrochloric acid into the immediate environment. The heavy metals, such as lead which are used to recycle, eventually leach out and end up in the waterways.

The **ecologia™** sheet range has no heavy metals added to any part of the recycling process, and if burnt, all that is produced in the extreme state is carbon dioxide and water.

For every kilowatt-hour of electricity produced, a proportion of CO² is emitted to the atmosphere. For example, one kilowatt-hour electricity produced by burning brown coal will emit approximately one kilogram of CO² into the atmosphere. (<http://www.greenhousegases.gov.au/glossary.html>)