

Sustainability is the ability to make or use something in a way that does not deplete the resources that go into its production. When we talk about the ‘sustainability’ of using Promeg we are talking about two things: how sustainable the material is, and how you can use it in a sustainable way.

PROMEG VS RECYCLED PAPER

A lot of products claim to be sustainable. But to really be called ‘sustainable’ you need to do three things well:

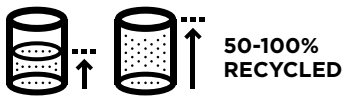
1. minimise use of natural resources,
2. minimise pollution creation in the production process, and
3. recycle your product efficiently.

Recycled paper cannot be called sustainable because it doesn’t meet **any** of these criteria. Whereas Promeg sheet meets **all** of them:

1. uses 9000% less water than recycled paper
2. reduces CO2 emissions by 97%
3. uses 3 x less energy to recycle than board.

WHAT MAKES PROMEG SO GOOD?

Promeg is made from propylene gas, a by-product of petroleum refining that would normally be burned off. This process takes a carbon-emitting resource and transforms it into an inert product that is stable and strong. Producing Promeg is low energy, consumes few resources, and produces very little waste outside of itself.



Recycling Promeg is also a simple and efficient process – using up to 100% of the original product, while retaining the same strength and characteristics as its predecessor. It can be recycled numerous times, making it one of the easiest printable materials to use sustainably.



SAFER, GREENER, TOUGHER

Being one of the most sustainable products on the market makes Promeg polypropylene a perfect replacement for paper or PVC based products.

Promeg is food grade – which means it is completely toxin-free, with no nasty additives or heavy metals used at any stage in its production. It is so safe that babies can chew on it.



BABY SAFE



SMALL FOOTPRINT

Promeg is light-weight and has exceptional strength and durability, rarely needing to be replaced – resulting in lower whole-of-life costs, both environmentally and financially. It also encourages re-use, the most effective way to reduce our environmental footprint.



THE MEGARA RECYCLE LOOP

Megara has its own purpose-built recycling facility right here in Australia. We recycle all of our post-industrial waste to produce Ecorange, the only Australian-made plastic sheet that is up to 100% recycled and 100% recyclable. Our Ecorange is also the world’s first certified 100% carbon neutral plastic sheet.

WHY WE’RE CARBON NEUTRAL CERTIFIED

We’re proud of our carbon neutral certification – #CN172. It is recognition that by sourcing our materials in a sustainable way, recycling all of our own waste, and supplying products like Ecorange that we are playing an active part in building a sustainable future.

