



SOUND ZERO PRESENTS

THE WONDERFUL WORLD OF

RECYCLED P.E.T

ACOUSTICS

ACOUSTICS IN HARMONY WITH DESIGN



PET FOR LIFE

Stunning, acoustic wall art that has already lived another life.

When we talk about PET we're not talking about Rex here, we mean our acoustic panels made from PET plastic (Polyethylene Terephthalate), or to you and I, recycled plastic drinks bottles.



THE BIG CLEAN-UP

Collecting what is thrown away

Planet wide plastic waste is an enormous problem, with more than half of the plastic products we throw away either going to landfill or simply ending up in earth's waterways.

The big problem with plastic is that it does not naturally decompose. It just sits around, taking up more and more space, slowly getting ground into tiny toxic particles by the movement of our oceans. These toxic particles end up being ingested by marine life and in some severe cases even make it into our own food chain.

The goal here is to take this waste and make it useful again.



HUMBLE BEGINNINGS

What started with good intentions
now has a better ending

Plastic wasn't always considered the environmental scourge it is known as today. In fact, its journey started on much more wholesome ground.

Originally designed in 1869 after a \$10,000 prize was offered to whomever could invent a viable replacement for ivory, which up until the creation of plastic was being used on an industrial scale for the production of many things, leading to the mass hunting and slaughter of our planet's elephants. The invention of plastic would lead to a second industrial revolution, replacing ecologically devastating products such as ivory and finding its way into every home, hospital, space shuttle and life altering piece of human technology ever since. It took our worlds by storm and in many ways, shaped our modern lives as we know them today.

Plastic has rapidly become so ingrained into our society because of its enormous versatility and sanitary benefits that it's easy to see how we consumed so much of it in such little time.

It may well be the sworn enemy now, but just think of how many elephants were saved following the invention of that little synthetic polymer all those years ago.

Now it is our turn to do something ground-breaking and clean up the mess we have all left behind write the ending plastic deserves

THE BIG CIRCLE

Turning what's old into something new

A term we use to describe this process is "Circular economy". This simply means what we use can be used again, re-purposing instead of wasting. Sound-Zero Acoustics proudly led a talk on Circular Economy and the future of recycled acoustic products at the 2019 Futurebuild exhibition in London.

ENDLESS POSSIBILITIES

**Our most versatile
product becomes
useful again.**

Once the plastic pellets have been heat treated and spun into fibres, which in turn get thermoformed into hard boards, we can start to play with shapes, colours and complex textures that look worlds away from the bottles and plastic forks that we began with.

IT'S EVERYWHERE

Walls, ceilings, chairs & tables

When it comes to recycled plastic products you can literally find them in all corners of daily life. Acoustic ceiling rafts and baffles, entire walls made to look like stunning works of contemporary art, chairs lined with PET felt and tables sliced into the third dimension from flat, 2D boards

THE HARD KNOCK LIFE

Recycled PET is durable, hardy and ready for the rigours of daily life

Because the fibres are thermoformed they resemble solid boards, which are incredibly lightweight despite being rigid. This makes PET perfect for high traffic areas in schools, public spaces and busy creative workspaces.

Confidently hang PET ceiling panels even in spaces where access is limited or the strength of the mounting surface is a concern.

BEAUTY IN SIMPLICITY

Elegance can be found in many forms

It is amazing how lines do nothing for the imagination in solitude, but when combined they can begin to create structures of awe and wonder.

Take the Eiffel Tower, as an example. A singular steel beam placed on the floor will fall slightly short of drawing a crowd... But combine that steel beam with two others to form a triangle, now add those to hundreds of other identical triangles and the end result is a dramatic, monolithic mega-structure, a marvel of human ingenuity and one of the wonders of the engineering world. Miles apart from that single steel beam.

Create a marvel of your own by utilising this simple geometry across drab wall spaces to achieve visual and sonic bliss, all whilst saving the environment.

HIGH PERFORMANCE

An acoustic solution that really works

Move away from convention, don't stick to what's been done before. These recycled products really do work, with some systems achieving Class A absorption and Class 0 fire rating. There really is no better acoustic building material.

With so many possible configurations and colours it would be impossible to craft anything short of stunning with Sound-Zero recycled PET designs.



SAFE AND SOUND

Breathe easy with this tried & tested superstar product

With it's low VOC Certipur credentials, recycled PET is a safe and responsible surface cladding for any space.

With us all becoming increasingly aware of our safety at work, home or when we are out in public, it is comforting to know the products we choose to use are tested and proven to be safe under any circumstance.

MAKING WAVES

We're keeping our industry moving in the right direction
without negatively impacting our oceans

UNIQUELY YOURS

Elegance can be found in many forms

Here at Sound-Zero we take enormous pride in what we do. Being part of the global effort to reduce waste on our planet is becoming more important and has always been a core focus of ours.

Sound-Zero specialise in bespoke acoustic systems and always aim to utilise ground breaking materials as well as modern manufacturing processes. We design each piece to be unique to your space and have a team of in house designers capable of making your ideas & visions a reality.

Recycled plastic acoustic boards are just one of the many green products Sound-Zero offer.

Talk to one of our acoustic experts today about your project.



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