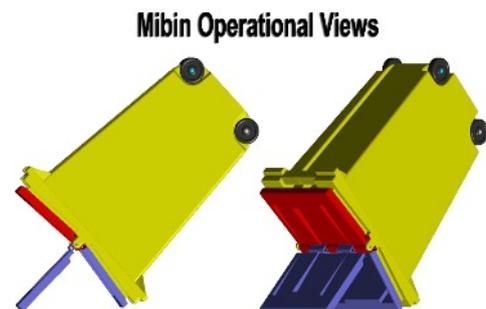




BEST RECYCLED PLASTIC PRODUCT DESIGN AWARD 2017 INFORMATION

Company - Mi-Bin Ltd - Ireland

Product - MIBIN "The Multifunctional Intelligent bin"



There have been several iterations of compartmentalised wheelie bins but these were problematic for a number of reasons. Taking those issues into account and the target market, in the UK, where "bin blight" is a major issue the MIBIN bin was designed and patented.

If 20% of homes in the UK adopted MIBIN it would reduce bin blight by more than 5 million bins.

The concept was developed and tested in two different technical institutes in Ireland and is now ready to be developed into a product. The next step is to produce manufacturing drawings and source accessories such as wheels axels etc. The design objective was to create a ground up, ergonomically designed product that was easy, fun to use and pleasing to the eye. The design has huge potential for customisation.

Mi-Bin Ltd were able to secure support to cover the development and set up with investment to cover the patent. Market research was carried out mainly online and utilised the UK official government website for statistics and figures. Design, market research and strategy planning are ongoing.

The MIBIN allows people to replace two bins with one. Each compartment functions independently of the other allowing one to be emptied while the other is closed through a unique patented design. Each compartment is formed for optimal efficiency with the bottom interiors rounded instead of sharp corners where dirt can accumulate. The outer body sides can be customised without affecting the usability of the product.

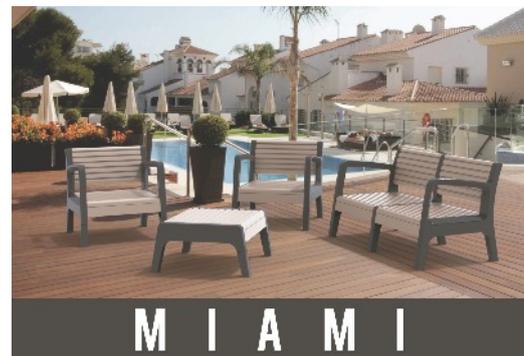
Based on information received from a leading plastics manufacturer Mi-bin Ltd expects to use 30% recycled plastic in a 20k throughput. Mi-bin Ltd are looking to manufacture in the UK. The ergonomics and aesthetics of MIBIN combine to be both functional and pleasing to the eye. The angled lid position is to allow rain to drain into the drainage channel which also supports the lid hinge. The recessed handles allows one lid to lie flat against the other and the recessed section creates a strong buffer against the internal contents when the lid is closed and the other compartment is being emptied. The angled lid position creates a wider exit for efficient emptying. The inserts are identical and can be made from the same mould. Because of the separate compartments the design has wheel axles inside the bin doing away with the unsightly structure found on wheelie bins. This also makes it easier to wipe clean. It is designed to incorporate 2 RFID tags, one for each compartment.

Mi-Bin Ltd would like to see customised products made available such as lid sets with solar lighting or volume monitoring technologies for example. Mi-Bin Ltd aim to change the way people look at waste and make it a more pleasurable and aware experience through better design and ergonomics.



BEST RECYCLED PLASTIC PRODUCT DESIGN AWARD 2017 INFORMATION

Company - SP-Berner - Spain
Product - Miami Set



Sp Berner have always been very aware of the importance of minimizing the environmental impact on the planet. In 2008 the company opted for the creation of their own recycling plant where they could obtain their own recycled raw material to manufacture some their products, such as the Venus Set. Sp-Berner, goes beyond mere compliance with environmental regulations, promoting and contributing actively to the conservation of the environment. So much so that Sp-Berner was recognized in 2011 by the Economic News magazine as one of the more innovative companies in the sustainability section, for the manufacture of the new cleaning line ECO made of recycled plastic materials. This commitment was later moved to their furniture category, and will be applied to their next launch: Miami Set.

The Miami Set began as a consumer need to achieve not only an innovation in furniture design and quality but also the best price. In addition, Miami is specially designed to ensure easy assembly. This release continues the clear commitment that Sp-Berner have for the development of useful products, that are of high quality and environmentally friendly.

The product will be launched in the next 2017 campaign and presented at the Spoga Fair 2016.

The Miami Set will be launched in 2017 with a specific sales goal included in a business plan for at least the next five years.

The new outdoor furniture proposal for 2017 campaign is called MIAMI. Its straight lines and wooden like texture design, make the perfect partner to decorate any space. MIAMI is specially designed to ensure easy assembly and is available in two colours. Design, comfort and quality at an unbeatable price.

The Miami Set is made with 30% recycled plastic from post-consumer material. With this, SP-Berner meet the needs of their market thanks to the replacement of the use of virgin plastics for recycled ones, made in their own plant. An energy saving product - Reducing carbon footprint.