

Festival accommodation goes green with recyclable myhab

Submitted by: Copylines

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Each year several thousand tents are abandoned at festivals and end up as landfill but myhab, a new eco friendly, reusable and recyclable habitat, manufactured from recycled plastics and waterproof cardboard, has pitched in to solve the problem.

Designed by James Dunlop, a 24 year old post graduate, the luxury eco friendly alternative accommodation service offers a two-person habitat for festival-goers and features a foam double bed mattress and even a lock-up box for valuables plus many other benefits.

The myhab base and end frames are moulded in 100% recycled medium density PE by JSC Rotational Ltd, a leading plastic rotational moulding company based in Inkberrow, Worcestershire. Once moulded, JSC assemble all of the other components ready for shipping.

The recycled MDPE used for the two key structural components is made from consumer and industrial tank waste converted into usable compound by integrated polymer solutions specialist Luxus.

Central to the success of converting the medium density PE waste into reusable material is Luxus' technical centre where the feedstock is evaluated and a suitable compound is developed to meet the customers' specifications. Prior to processing Luxus clean and granulate the tanks. Quality control procedures are then carried out to ensure there are no contaminants in the mix before processing on the company's state-of-the-art melt reclamation plant. At this stage any volatiles or water are driven off and colourants or additives are added to the melt to produce the necessary physical characteristics. During processing the plant's temperature, pressure and screen changes are monitored closely. Pellet quality is also checked and moulded test samples undergo melt flow and tensile tests.

As myhab expands into European festivals and demand increases Luxus hopes to introduce a 'closed loop system' where used plastic components from the product are reclaimed and reused to produce compound to mould yet more parts.

ENDS.

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