



## Sanding Operation

The Sanding operation is being well utilised! With guaranteed +/- 0.2mm we can sand many core material maximum thickness 200mm and minimum thickness 2mm sheets.



EMKAY PLASTICS LTD

**EMKAY CORE  
SOLUTIONS FOR THE  
CORE INDUSTRY**

### **HEAT TREATMENT AVAILABLE AT EMKAY**

FOR INFORMATION  
ON PROCESS TIMES  
AND PRICES GET IN  
TOUCH.

### **New Sheet Sizes!**

EMKAY SUPPLYING  
ROHACELL IN NEW  
SHEET SIZES

We are happy to  
announce we can now  
supply our customers  
with 1/8's (630mm x  
630mm) of a standard  
Rohacell sheet  
(2600mm x 1350mm)



**Sanding Plant capabilities**

The 1/8's are available to be cut from IG-F and IG-UF



### PDQ PAYMENTS

Emkay have two payment methods available. You can choose whichever suits your company best!

Option 1:  
Over the phone PDQ system payment on ordering

Option 2:  
30 Days at end of month payment account

**ROHACELL 51 HF!**  
EMKAY ARE NOW STOCKING  
ROHACELL 51 HF!

Please contact us to request a price list.

- Maximum sanding width 1250mm
- Maximum Length 2600mm
- Maximum sanding thickness 200mm
- Minimum sanding thickness 2mm
- Guaranteed Tolerance +/- 0.2mm



*Contact us for more information on this service.*

## Emkay Expansion Plans, “Phase Six” is on its way...

Emkay will be offering a new service in coming months! A Laser cutting machine is making its way to Emkay! After many queries on and requests for Laser cutting Rohacell over the years, Emkay will be offering laser cutting of Rohacell into; tiles, strips or complex 2D shapes.

Laser cutting is a manufacturing process which can eliminate the need for machining on many engineering jobs, enabling you to save money on manufacturing costs.

The precision levels and edge quality achieved with laser cutting machines are better than traditional cutting methods, as the laser beam will not wear during the laser cutting process. Laser cutting technology also enables us to cut complex shapes without the need for tooling and at a similar or faster speed than other cutting methods.



Impartial  
Independent  
Confidential

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### **Laser machine capabilities**

- Maximum width 900mm •
- Maximum length 1600mm •
- Maximum depth 30mm •

**Also able to laser cut/engrave our tight tolerance cast acrylic for our model making customers!**

## **Formula Student 2017**

With the Silverstone competition lurking around the corner we thought we would show you the progress of the teams we have sponsored this year

## **University of Bath- Team Bath Racing**

TBR2017 was launched last week! Take a look at the beautifully designed and engineered entry for this year's competition.



**University of Liverpool- ULM  
Racing**



The University of Liverpool are busy mid build!

## University of Liverpool- ULV Racing

This is the first year Emkay have sponsored the University of Liverpool Velocipede Team (ULV team). The team is made up of sixteen engineering students from the Uni who engineered the ARION1 and ARION2. All team members are studying for masters of Engineering. The ULV team are currently designing ARION3 to take on the World Land Speed Record in September 2017, this is held in Nevada.



***"TEAM UPDATE: The Team have successfully completed our final set of exams last week and are now gearing up for full-time manufacture of the ARION3."***

The ULV Team set the British Land Speed Record for the fastest human-powered vehicle in September 2015 with the Arion1 Land Speed Bicycle, reaching 75mph. Over the course of the last race week, the British record was broken three times by ULV and now sits an impressive 8mph higher.

In 2016, with the Arion2, they broke their own record reaching 76.59mph, and also raising the women's World Record by 29MPH, up to an impressive 71.05mph.

We are extremely excited to see the design and build for ARION3.



## Sponsorship Opportunity

The University of Liverpool Velocipede team is looking for companies to sponsor our attempt at breaking both the male and female British land speed records in the Nevada desert in September 2017. This year, we will also be attempting to break the women's world land speed record which currently stands at 75mph.

We have a proven track record of designing, manufacturing and racing high speed human powered vehicles, and currently hold both British records.

**How can you get involved?**

A contribution towards the cost of getting us out to America so we can race would be really beneficial to our projects!

**What will you get in return?**

Your company name will be printed on the shell of our bike, and you will constantly be published on our various social media platforms. These usually involve various milestones, such as the manufacturing, the testing and the racing of the bike at the competition.

Previous teams have attracted considerable media coverage including appearances on BBC News and regional news.

As well as this, your company will get to be part of a project which is helping cultivate future engineers of this country.

The manufacturing of our Arion 3 bike is well under way testing will commence in June 2017.



<https://ulvteam.co.uk/>  
<https://twitter.com/ULVTeam>  
<https://www.youtube.com/watch?v=gsmDudEUo0>  
<https://news.liverpool.ac.uk/2016/09/20/arion2-breaks-british-womens-world-land-speed-record/>

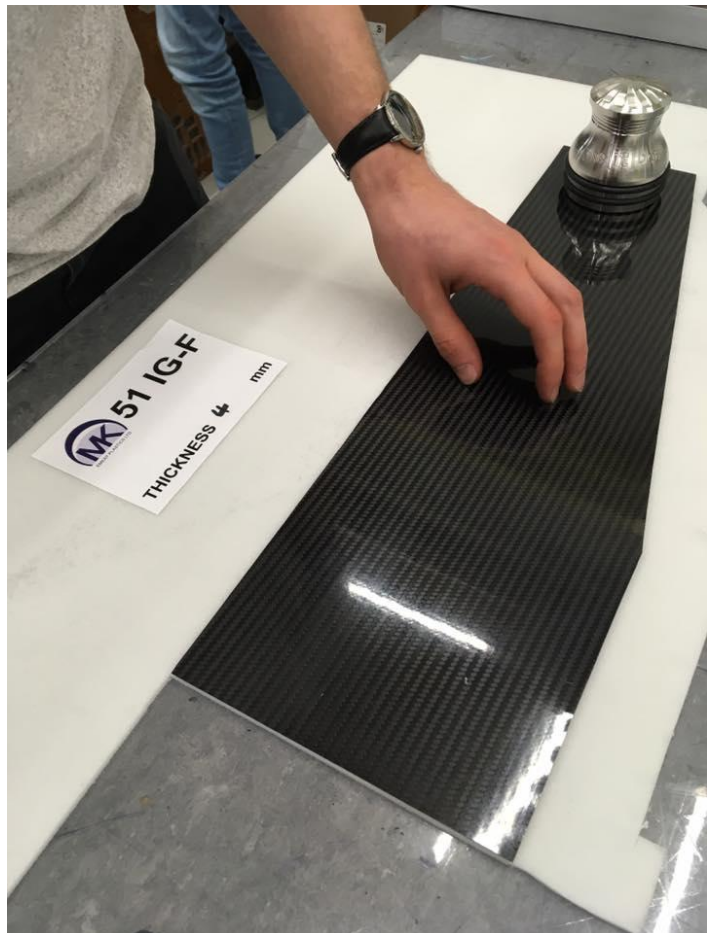
For further information, please contact: Steven Bode ([spb@liv.ac.uk](mailto:spb@liv.ac.uk))  
The School of Engineering, University of Liverpool, Liverpool, L69 3GH

<https://news.liverpool.ac.uk/2016/09/20/arion2-breaks-british-womens-world-land-speed-record/>



The first round of testing was carried out in March by three of the team's riders. This is to give the scientists and team an idea of what the baseline level of fitness is. From there, they develop bespoke training plans and get riders ready for the competition.

## University of Birmingham- UB racing



UB Racing have cut our Rohacell and bonded it to the carbon skins  
of the endplates.

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We send our newsletter to all of Emkay Plastics Ltd customers and to people who have made an enquiry regarding Emkay's products, to keep you up to date with our latest news!

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MailChimp