

## Preparing surfaces for bonding for one of the world's most exciting new sports car manufacturers



A lot of motorsport enthusiasts will have seen the McMurry Spéirling hyper car smash the hill record at Goodwood. It's well worth a watch if you haven't seen it, the video's available on their website and on YouTube.

The combination of a 1,000bhp-per-tonne, an electric fan delivering 500kg of negative lift from zero mph and a lightweight single seat composite body helped make the racing car unbeatable up the hill.

With a zero to 186mph time of 9 seconds and capable of pulling 3G in corners, it's stunned both spectators and car reviewers alike with its amazing performance.

McMurtry have big plans for the future, as expressed in their mission statement: 'to make the World's greatest small cars for the road and track.'

They've identified that electric cars are generally growing in size and weight in their pursuit of speed and range. McMurry have taken a different approach by delivering compact vehicles with performance and range beyond comparison.

Part of their winning formulae is 'light weight' and light weight in the motorsport world typically involves composites and other lightweight materials that are bonded together – traditional fasteners add too much unwanted weight. With such incredible performance it's no surprise that the Spéirling's tiny body is constructed in this way.

Given the enormous forces the car is subjected to its crucial the bond strength is as strong as possible.

And to help ensure the strongest possible bonding performance, McMurry have installed a Vapormate manual wet blasting machine.

Our compact manual Vapormate is perfect for cleaning components and preparing surfaces for bonding. Wet blasting removes oil and grease and creates a highly clean reactive surface that is ideal for bonding, and because the surface has been perfectly prepared, the bond strength is as strong as it can possibly be.

The manual Vapormate is also ideal for McMurry's smaller wet blasting volumes and where the components to be blasted frequently vary in size and shape.

The Vapormate has plenty of other benefits too including; a particularly large working area for its small footprint, a wide opening window with hinge rest for easy component loading, height adjustment and it's been designed so that it can be delivered on a single pallet and will fit through a standard doorway when constructed.

Like all our manual wet blasting machines, the Vapormate is fully featured so you can achieve the exact finish you need. Features include blast pressure adjustment, rinsing, drying and a moving bed filtration system.

We're delighted that our world leading wet blasting technology is helping one of the world's most exciting sports car manufacturers

