

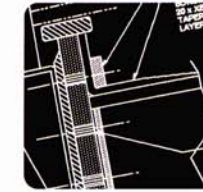
# AN INTEGRATED MATERIALS APPROACH



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**For the past two decades, SP Systems has been providing advanced composite materials to make structures lighter, stronger, stiffer and ever higher in performance.**

As pioneers in the application of composite materials to large structures, the success of our approach has made this advanced technology ever more accessible, driving costs out and making new applications possible.

We have focussed on reducing costs, not just of the materials themselves but also through simplifying the processes used for converting them into finished parts and through optimising structural designs. Our initial experience was in applying composite materials to high performance racing yachts and this is now being applied in many other industries, such as the rapidly expanding world of wind energy. And as we make applying composites ever more cost-effective, other applications are made possible in markets where composite materials were never before viable.

The strength of SP Systems lies in the mix of our skills in materials science, structural design and process engineering. All these disciplines are required for a successful composite solution and it is this 'Integrated Materials Approach' that marks us out as being different:

#### **MATERIAL SCIENCE**

developing a unique range of high-performance, yet increasingly affordable, composite materials

#### **STRUCTURAL DESIGN**

designing composite structures optimised for weight, strength, stiffness and affordability

#### **PROCESS ENGINEERING**

reducing the costs of manufacturing processes for customers using our materials.

1 SP: STRUCTURAL POLYMERS - THE BASIS OF OUR BUSINESS

2 MATERIAL SCIENCE FROM THE ANALYTICAL LABORATORIES

3 COMPOSITE STRUCTURAL DESIGN THROUGH SP TECHNOLOGIES

4 SP TECHNICAL SERVICES OPTIMISE MATERIAL PROCESSING TECHNIQUES