

PRESS RELEASE

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Scott Bader Exhibiting Next Generation Gelcoat Technology and Presenting Technical Papers at JEC Composites 2011 Show

At the forthcoming JEC Composites 2011 show in Paris from 29-31st March, Scott Bader is launching its latest innovative development, Crystic® Permabright. This high performance gelcoat uses novel, next generation technology, which is claimed sets a new standard for long term UV weathering performance by providing significantly improved colour stability. Experts from Scott Bader will also be making three technical presentations during the show, including one on their ground breaking, new unsaturated polyester gelcoat weathering performance technology; the other presentations will cover recent advances in fire retardant systems, focusing on urethane acrylates and intumescent technology, with another covering the bonding of composites, plastics and metals with methyl methacrylate (MMA) adhesives.

Scott Bader will have on their stand (H46) the new Crystic® Permabright spray and brush gelcoats along with other innovative new products in their specialty products range: closed mould and pultrusion .Crestapol® resins, Crestabond® structural adhesives, plus low smoke fire retardant (FR) gelcoats and laminate systems with test approvals for a variety of building and land transportation applications from: Epiradeatuer NFP/ NFF; DIN; ASTM; and CEN TS 45545-2 (Firestarr HL2) standards.

Key composites markets which can benefit from the significantly enhanced weathering performance this new technology Crystic Permabright gelcoat provides include: marine, building, wind energy and land transportation, and any manufacturer of FRP composite parts where retaining a high level of aesthetic quality in exposed gelcoated surfaces is critical.

The comparative long term UV weather performance data for Crystic Permabright gelcoat against best in class ISO and ISO/NPG gelcoats has come from accelerated QUV and Xenon testing and 12 months of Florida exposure. When comparing the delta-E colour change to even the best performing white ISO/NPG competitor gelcoat, Scott Bader's new technology gelcoat outperforms it by over 40%. This means that even after 12 months exposure to the harsh conditions in Florida, it is very difficult to detect any colour change to Crystic Permabright with the naked eye. This exceptional improvement in colour preservation makes this a significant development for the composites leisure marine industry in particular; well maintained luxury yachts using Crystic Permabright gelcoat can now maintain their show room look and condition for even longer.

Scott Bader has also technically approved Crystic Permabright for use below the water line (*as part of a Crystic marine laminate system with their VE 679PA skincoat*) as the water uptake is very low and it is osmosis resistant (*blistering tests in de-ionised water at 40°C for 12 months carried out*). Comparative technical performance details and Crystic® Permabright data sheets are available from Scott Bader. For more information go to www.scottbader.com or www.crestapol.com or for the full range of Crystic resins, gelcoats, pigments , bonding pastes and adhesives.



Scott Bader's new technology Crystic® Permabright spray and brush marine gelcoat has set a new industry standard for colour stability and UV weather resistance.

About Scott Bader

Scott Bader was established in 1921. Today it is a £180 million multinational chemical company, employing 560 people worldwide. It is a common trusteeship company, having no external shareholders, with a strong commitment to support its customers, workforce and the environment.

Scott Bader's headquarters is based in the UK where they have purpose-built, state-of-the-art technical facilities that provide R & D as well as complete evaluation, testing and application support. They have manufacturing facilities in the UK, France, Croatia, The Middle East and South Africa. For further information regarding Scott Bader, please call +44 (0)1933 663100, visit www.scottbader.com or e-mail info@scottbader.com.