

PRESS RELEASE

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New Design Bluewater 31 Offshore Workboat Specifies Scott Bader's New Crystic® Permabright Gelcoat and Crestabond® Structural Adhesive



Crystic® Permabright gelcoat has now been specified by Blue Water Boats for all white and cream hulls and decks as part of their quality improvement focus.

Blue Water Boats (Plymouth) Ltd has just launched their latest fibreglass monohull workboat Bluewater 31. The new vessel, designed by Henry Millington in collaboration with Blue Water Boats, can be used for either work or pleasure, but was primarily designed to be a commercial, diving, angling or offshore surveying workboat; the boat design combines speed with superior stability for a more comfortable ride in rougher sea conditions. The first Bluewater 31 will be used as a security boat during the 2012 Olympic Games for the sailing races being held at Weymouth.

The composite deck and hull were moulded using Scott Bader's Lloyds approved Crystic® 2.446PALV back up resin in combination with dark blue Crystic 65PA gelcoat for the hull. However, for the white gelcoated fibreglass deck and wheelhouse of the Bluewater 31, Crystic Permabright has been used, which is Scott Bader's new marine approved D-Iso/NPG high performance UV colour change resistant gelcoat. The unique D-Iso/NPG polymer resin chemistry used in Crystic Permabright gelcoat is a step change technology which has set a new standard in long term UV weathering performance for marine applications. It is proven to provide significantly improved colour stability over existing white and cream coloured marine Iso/NPG and Iso gelcoat gelcoats currently on market.

Crystic Permabright gelcoat has now been specified by Blue Water Boats for all white and cream hulls and decks as part of their quality improvement focus. Gary Wiltshire, Director and co founder of Blue Water Boats explained: *"We have been amazed by the significantly brighter and glossier finish we can achieve with Crystic Permabright, which has also been easy to handle in production. We have confidence in the product quality and long term performance of this new Scott Bader gelcoat to help keep Bluewater boats looking good for longer."*

Crystic Permabright D-Iso/NPG gelcoat, available as either a spray or brush applied gelcoat, uniquely has a deconjugated polyester backbone in the base resin, which is formulated with 'best in class' UV protection additives and selected pigments in white, off-white and cream colours. All the pigment pastes used in Crystic gelcoats are proprietary, manufactured by Scott Bader using their in-house milling and mixing facilities. This advanced deconjugated D-Iso/NPG polymer chemistry developed by Scott Baders' R & D team significantly outperforms established gelcoat technologies. Independent 12 month Florida UV weathering test results obtained by Scott Bader conclusively demonstrated that a white or cream Crystic Permabright D-Iso/NPG polyester gelcoat is able to provide two times better colour stability than the next best in class Iso/NPG gelcoat and four times better than a standard isophthalic gelcoat.

The roof of the Bluewater 31 wheelhouse is bonded on using Crestabond® M1-30, which is a primer-less, methacrylate structural adhesive, also developed and supplied by Scott Bader. According to Gary Wiltshire, they have been able to save costs and achieve a stronger wheelhouse structure by using Crestabond instead of multiple mechanical fastenings with a flexible gap filler. Crestabond products are universal structural adhesives, designed to bond GRP as well as a variety of metals and plastics. The unique benefit offered by the Crestabond range is that there is no need for lengthy surface preparation, such as grinding, or the application of a primer. Crestabond can be applied by cartridge hand gun or a pneumatic dispensing gun for larger volume requirements.

Blue Water Boats (Plymouth) Ltd was founded in 2003 by Gary Wiltshire and Graham Hannaford, who together have over fifty years of experience in fibreglass boatbuilding. Blue Water Boats not only design and build their own range of boats, but will also make pre-designed boats to order as well as providing repair and re-engineering services; their fully equipped workshop and production facilities can accommodate vessels up to 45 ft long and with a maximum beam of 17ft.

For the complete range of Scott Bader resins, gelcoats and structural adhesives available for composites log on to www.scottbader.com. For more information about Blue Water Boats (Plymouth) Ltd. go to www.bluewaterboats-plymouth.co.uk

About Scott Bader

Scott Bader was established in 1921. Today it is a £200 million multinational chemical company, employing 600 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