

Linear COMPOSITES

Applications Shipping and Yachting

SHIPPING AND YACHTING CASE STUDIES

Parafil
Guard Rail

Suitable products



PARAFIL® Rigging

In yacht racing, minimising the mass of the yacht is critical to reducing windage and increasing speed. In short, every kilogram counts and carrying excess weight can make the difference between winning and losing. PARAFIL® Rigging has an excellent strength to weight ratio and is very stiff. These desirable properties are combined with resistance to UV, chemical and biological attack, making PARAFIL® rigging a winning solution.

A new PBO (p-phenylene-2,6-benzobisoxazole) variety of PARAFIL® -Type Z has recently been developed. Zylon® PBO is a revolutionarily synthetic fibre providing PARAFIL® -Type Z with an extremely high tensile strength and modulus along with a very high tenacity. PBO is generally accepted to be the first synthetic fibre with the capability to replace standard steel in yacht rigging.

Our PARAFIL® terminations can be specially designed to connect to any existing fitting.

PARAFIL® Guard Rail



PARAFIL® is used by the RNLI on their fleet of lifeboats and in the leisure yacht industry as the material of choice for guard rail. PARAFIL® is strong, durable, easy to install, easy to cut in emergencies and resistant to UV radiation, sea water and ice build up. The properties of PARAFIL® make it an ideal material for guard rail and in other demanding sea applications.

PARAFIL® is installed using specially designed terminations. Linear Composites Limited terminations are constructed from high quality materials and like PARAFIL® are highly resistant to corrosion. The combination of PARAFIL® and LCL terminations results in a guard rail system with a long design life which performs even under the most extreme conditions.

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