

High Quality Competitive Sports Equipment Using Crestapol® 1250LV and Crystic® Matched Tooling Products

Company Profile - Prestol Kompozits Ltd

LOCATION : RIGA, LATVIA

Prestol Kompozits is an ambitious company which produces sports equipment, while also working exclusively on special composite projects. The company's main focus is the production of top quality flat water racing kayaks and canoes, as well as bobsleds. As the company is founded by two former Latvian national team athletes, one of the main objectives is to achieve the Olympic gold medal using Prestol equipment.



Crestapol 1250LV® Application

Crestapol® 1250LV High Performance Resin

Prestol Kompozits has used products supplied by Scott Bader since 2010 for a variety of applications, particularly high quality and competitive sports equipment.

The main process Prestol Kompozits uses is vacuum infusion with heat post-curing. Products used include hand laminating resins and gelcoats, Crystic Crestapol® 1250LV high performance acrylic resin (which is used in almost all infusion processes), as well as products from the Crystic® Matched Tooling range for mould and plug preparation.



Benefits/Advantages

- ✓ **Weightsaving.** A typical 7.5 meter, 2-paddle canoe weighs 20kg, but using Crestapol® 1250LV reduces the weight to 18kg
- ✓ **Faster processability** compared to using epoxy
- ✓ **Excellent flow and permeability** of carbon fibres
- ✓ **Exceptional strength and durability** (Crestapol® 1080 is extremely good for impact resistance)
- ✓ **Significant reduction** in the number of overall issues experienced through using standard Crystic® Gelcoat, compared to using epoxy
- ✓ **Using Scott Bader Adhesives** results in improved production processes with a reduction in the total time used while minimal surface preparation is required

Customer Quote

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Prestol Kompozits manufactures all top-level competitive sports equipment, including Olympic canoes and bobsleds. Due to the nature of the equipment and its end use, it is for this reason we need to be able to 100% trust the materials we work with in the long term. We believe, from our experience, that Scott Bader's Crystic® Gelcoats are the best in the world and we always manage to get the best colours, with a high quality finish due to the easy polishing and very low shrinkage. Our favourite resin to work with is Crystic Crestapol® 1250 LV, which works perfectly with carbon fibre, structural adhesives and all gelcoats.

Scott Bader is our favourite company to work with due to its high quality products, technical expertise and after care service. We are proud to use Scott Bader products in our production processes.

Oto Dzenis, Prestol Kompozits

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