

BLUE FIN 20 SYSTEM FOR SURFBOARD PRODUCTION

System description

BLUE FIN 20 has been specifically designed for the production of EPS core surfboards by wet lay-up. It is fast curing at ambient temperature, low viscosity, water white and hard wearing when cured. The BLUE FIN 20 system has an accredited minimum biocarbon content of 20% when cured and complies with the requirements of Sustainable Surf ECOBOARD (www.sustainablesurf.org) level one. Boards produced using BLUE FIN 20 can carry the ECOBOARD logo.



The BLUE FIN 20 system is two component with a convenient 2:1 by volume mix ratio of the BLUE FIN A20 (Epoxy resin component) with BLUE FIN B (hardener component). There are two hardeners with different reactivities (fast and regular) which can be mixed in any proportion to tune the reactivity to the customers' requirement. BLUE FIN FAST is commonly used alone unless ambient temperature is above 30°C. The minimum biocarbon content of the BLUE FIN 20 system is unaffected by the choice of fast or regular cure speed hardener.

Once cured the BLUE FIN 20 resin has high hardness, durability, good sandability and light stability.

System characteristics

BLUE FIN A mixed 2:1 by Volume with:			
	BLUE FIN B Fast	50/50 BLUE FIN B FAST/ BLUE FIN B	BLUE FIN B
Gel time ^a , min	75	82	90
Cure time, h	< 3	3-4	< 4
Biocarbon content ^b	≥ 20%	≥ 20%	≥ 20%

^a 20 g mass @ 23°C

^b ASTM D6866. The measurement has an accuracy of +/-3% and the actual biocarbon content of the BLUE FIN 20 system is 23% in order to always guarantee minimum 20%

Storage and handling

The product should be stored in a dry place, at room temperature, more preferably above 10°C.

Shelf-life: beyond 2 years, in original sealed containers.

More information about safe handling of this product can be found in the safety data sheet.

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