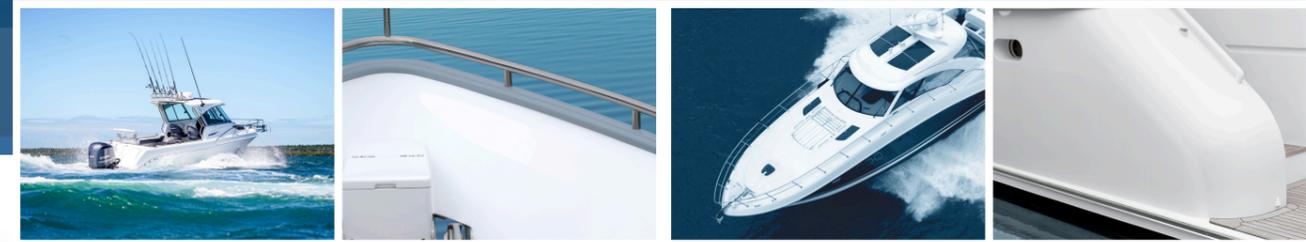


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PRODUCT GUIDE - MARINE

High performance resins and gelcoats specifically designed for marine applications



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The operating allnex group is legally owned by Allnex Holdings S.à.r.l. a company based in Luxembourg which also provides long term strategic decisions to its investment in allnex.

www.allnex.com

Composites

www.allnex.com

Durable finishes that stand the test of time in tough outdoor conditions

allnex Composites is the market leader in Australian manufactured resins and gelcoats providing solutions for ocean going super yachts to surf skis and everything in between for the marine industry.

Structural & Barrier Laminating Resins

Our ULTRATEC™ and POLYPLEX™ range of unwaxed and low styrene emissions laminating resins offer excellent fibre wet out, good cure performance while maintaining a relatively wide green time, low exotherm and low colour in thick section.

The unique chemical composition of our ULTRATEC™ VE Tie-Layer resin allows the fabrication of tough and versatile laminates with excellent crack and water resistance.



Gelcoats for Marine Applications

Gelcoats used in marine applications must be extremely durable and have excellent weatherability properties.

Our NUTECH™ and AQUAGUARD PERFORMANCE range of gelcoats have been developed to meet these tough requirements.

The advanced formulation will provide boat builders with premium quality and durable finishes that will stand the test of time. These gelcoats are extremely UV and water resistant, have high gloss retention and show excellent resistance to fading.



Infusion Resins for Closed Moulds

Closed mould applications offer many benefits to boat builders. Producing boat hulls, decks and structures via closed mould processes will improve workshop conditions and generally result in more consistent parts with better mechanical properties.

Allnex's low viscosity, promoted epoxy vinyl ester infusion resin system is specifically designed for the infusion moulding manufacturing of marine and structural parts.

Product Name	Description	HDT °C	Geltime (minutes)	Viscosity @ 25°C cP	
				Brookfield	Cone & Plate
Structural & Barrier Laminating Resins					
Ultratec VE Tie Layer	Prepromoted, thixotropic bisphenol-A epoxy-based vinyl ester laminating resin dissolved in styrene	130	15,30 & 45 1.5% Norox 925H	2000-3000 (3/5 RPM) 700-900 (3/50 RPM)	270-330
Ultratec LSE Laminating	Thixotropic, pre-promoted resins available in unwaxed and LSE versions designed for hand lay-up and spray application	65	30,45,60, 75 & 90 1% Curox NR20	1600-2000	210-250
Ultratec WXF Laminating	Thixotropic, pre-promoted resins available in unwaxed and LSE versions designed for hand lay-up and spray application	65	30,45,60 & 75 1% Curox NR20	1600-2000	210-250
Infusion Resins					
Ultratec Infusion	Low viscosity, promoted epoxy vinyl ester resins designed for manufacture of marine and other structural parts using the vacuum infusion moulding process	130	30,45 & 60 1.5% Norox 925H	140-160	130
Hetron 922 Infusion	Low viscosity, promoted epoxy vinyl ester resin designed for manufacture of marine and structural parts by the infusion moulding process.	105	118 2% CHM-50 22 2% Butanox M50 Refer TDS for additional data	300-350	105
Marine Gelcoats					
Aquaguard Performance	Highly durable gelcoat with excellent UV and weathering resistance, improved application characteristics and a wide application range	80-85	11-15 (Summer) 8-12 (Winter) 2% Curox NR20	12000-17000 (RVF 4/4 RPM)	250-300 (Winter) 300-350 (Summer)
Nutech 887 White	High performance white spray Gelcoat with outstanding UV, water resistance and excellent weathering properties. This gelcoat has a high gloss retention, is resistant to fading and has excellent sprayability and air release properties.		16-21 (Summer) 11-16 (Winter) 1.5% Curox M200	18000-20000 (RVT 4/5 RPM) - Summer 15000-18000 (RVT 4/5RPM) - Winter	2.5-3.5

● For Viscosity Values - refer to TDS for Test Conditions

For more information please request a Technical Data Sheet, contact your allnex Sales Representative or call our Customer Service Team on 1800 789 607.