



## Product:

Apex Marina Superior gelcoat is a patented gelcoat based on a special aliphatic resin, invented specifically for very high quality yachts.

Apex Marina Superior gelcoat provides unrivalled protection in all weather conditions. Nothing surpasses its resistance to yellowing, and it delivers the best gloss retention after exposure to sunlight.

Apex Marina Superior gelcoat is easy to apply and has excellent levelling and air release properties.

Apex Marina Superior gelcoat should be mixed with 1.5 -2.5% MEKP hardener and applied in 500-800 micron wet film thickness.

Apex Marina Superior gelcoat can be supplied in all colours.

### Physical data in liquid state at 23 °C

Properties	Unit	Spray quality	Hand quality	Test method
Viscosity Brookfield LV DV-II+ sp.4 12 RPM	mPas	9.000 – 12.000	13.000-17.000	ASTM D2196-86
Density	g/cm <sup>3</sup>	1.1 – 1.3	1.1 – 1.3	ISO 2811-2001
Flash Point	°C	32	32	ASTM D3278-95
Geltime 2% Butanox M50	Min.	7 - 13	7 - 13	NC 2.10.41



## Storage:

For optimum protection, Apex Marina Superior gelcoat should be stored in dry conditions, in its original closed container, at a maximum of 25°C. Keep away from direct sunlight and ignition sources. Before use, heat the gelcoat to 18-25°C. Use a first-in first- out stock rotation.

These conditions will provide storage stability for four months from the production date.

### Mechanical data for the gelcoat base polyester resin in cured state

Properties	Unit	Typical value	Test method
Tensile strength	Mpa	70	EN 61
Tensile modulus	Mpa	3000	EN 61
Tensile elongation	%	4,0	EN 61
Heat distortion temperature	°C	95	EN ISO 75A
Hardness Barcol	-	50	EN 59
Water absorption	mg/ test piece	max 80	ISO 62

### Supply form:

Apex Marina Superior gelcoat is available in 20 kilo buckets or 225 kilo lined drums.

### Safety:

Read and understand the material safety data sheet before working with this product.

[www.apexmarina.com](http://www.apexmarina.com)

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