Apex Marina Superior gelcoat



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 sunglight.

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/cm3 | 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 |

This data sheet contains general information to help customers determine whether the product is suitable for their application. The product is intended for sale to industrial and commercial users. Customers should test the product before use to determine its suitability for the intended application. We certify that the product will meet our written specifications. Remedies to proven claims are limited to replacement of the material. In no event will be liable for special, incidental or consequential damages.

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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 | Мра | 70 | EN 61 |
| Tensile modulus | Мра | 3000 | EN 61 |
| Tensile elongation | % | 4,0 | EN 61 |
| Heat distortion tem- perature | °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

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