

## SEAJET POLYURETHANE GLOSS VARNISH

SEAJET POLYURETHANE GLOSS VARNISH is a high gloss, very hard two component varnish which offers:

- Maximum performance, two component gloss finish with ultra high gloss,
- The very tough finish is resistant to scratches and minor damage,
- Can be used on interior and exterior areas,
- Recommended for use on plywood, saloon tables and epoxy resin treated wood,
- High U.V. protection and resistance to abrasion, loss of gloss and chemicals.

### TECHNICAL DATA

<b>Type</b>	Two-component polyurethane based on unsaturated polyesters.
<b>Recommended use</b>	As a varnish for plywoods, saloon tables, cabin soles and epoxy coated wood.

<b>Surface Preparation</b>	<p>Surface in poor condition: Remove old varnish layers by sanding or stripping.</p> <p>Existing 2-component varnish in good condition: Clean with SEAJET THINNER P.</p> <p>Flatten back with P60-80 abrasive paper along the grain. Then sand with abrasive paper for P100-220. Clean the surface with a tack rag. Apply a minimum of five coats of SEAJET POLYURETHANE GLOSS VARNISH. Add 10-15% thinner for the first two coats. Then reduce thinning to 0-10% for further coats. Sand between coats with P280-P400 for a better finish.</p> <p>Clean the surface with a tack rag. Apply with a good quality bristle brush.</p> <p>Avoid painting varnish when damp or in direct sunlight. Dry mornings are best.</p> <p>Mix thoroughly by weight in the ratio of 2 of base to 1 of hardener and stir well before use.</p>
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<b>Physical Data (Mix)</b>	<p>Colour: Completely clear</p> <p>Flash point: &gt; 38°C</p> <p>Volume solids %: 50 ± 2</p> <p>VOC (Theoretical): 426 g/l.</p>
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<b>Application Details</b>	<p>Mixing ratio: Base: 67 Hardener: 33 (By Volume)</p> <p>Thinner: SEAJET THINNER P</p> <p>Application Data: Airspray, brush, roller*</p> <p>Add the hardener to the base whilst mixing. Stir well before use.</p> <p>Min. Temperature: 12 °C</p> <p>Max. humidity: 80% R.H.(Dew point + minimum 3°C)</p>
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<b>Spray Details</b>	<p>Tip No.: 1,4 - 1,8 mm</p> <p>Paint output pressure: 3 bar</p> <p>Viscosity: 90 sec.(Ford Cup No.4)</p> <p>Thinning: 0 - 10% (by volume)</p>
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<b>Film thickness and spreading rate:</b>	<table border="1"> <thead> <tr> <th></th> <th>Min.</th> <th>Max.</th> <th></th> </tr> </thead> <tbody> <tr> <td>Film Thickness, wet:</td> <td>60</td> <td>80</td> <td>µm</td> </tr> <tr> <td>Film Thickness, dry:</td> <td>30</td> <td>40</td> <td>µm</td> </tr> <tr> <td>Spreading Rate:</td> <td>16,7</td> <td>12,5</td> <td>m<sup>2</sup>/l (theoretical)</td> </tr> </tbody> </table>		Min.	Max.		Film Thickness, wet:	60	80	µm	Film Thickness, dry:	30	40	µm	Spreading Rate:	16,7	12,5	m <sup>2</sup> /l (theoretical)
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<b>Preferable preceding coating</b>	-
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<b>Preferable subsequent coating</b>	SEAJET POLYURETHANE GLOSS VARNISH
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<b>Packing</b>	Two Pack Product
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<b>Notes</b>	<p>* In case of brush or roller application more layers may be required to achieve the specified film thickness.</p> <p>The amount of thinner to be added depends on temperature of the paint and the substrate to be painted.</p> <p>Application by a short hair mohair or foam roller suited for polyurethanes, followed by brushing out to a smooth paint film with a soft long haired, good quality brush gives the best possible results.</p>
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**Coating data**

Temperature	Drying time (at DFT 40 $\mu$ )	Overcoating intervals (at DFT 40 $\mu$ )	Pot life	Dry to launch	Remarks
-5 °C	-	-	-	-	-
0 °C	-	-	-	-	-
5 °C	-	-	-	-	-
10 °C	-	-	4 hours	-	-
20 °C	Surface dry:2 hours Hard dry:8 hours	Minimum: 24 hours Max.with itself: 48 hours	3 hours	-	*
30 °C	-	-	2 hours	-	-

\* After 48 hours light sanding with abrasive paper nr.360 is recommended.

**Safety information:** If Health, Safety and Environmental information is required a Health and Safety Data Sheet can be obtained from Chugoku Paints B.V.

Personal Protection advice and additional information can be obtained from the product Health and Safety Data Sheet which is available on request. The minimum safety precautions in dealing with this paint are:

- Observe the precautionary notices displayed on the container.
- Provide adequate ventilation.
- Avoid skin contact and inhalation of spray mist.
- If the product comes into contact with the skin, wash thoroughly with luke warm water and soap or suitable cleaner. If the eyes are contaminated, irrigate with water and seek medical advice immediately.
- Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

<b>Definitions:</b>		
Tolerances:		The numerical information quoted in this Technical Data Sheet is subject to normal manufacturing tolerances.
Spreading Rate:		The spreading rate can vary depending on application conditions, the geometrical complexity of the structure, the weather conditions, etc.
Volume Solids:		The volume solids figure given in this Technical Data Sheet is the percentage of dry film obtained from a given wet film thickness under specified application rate and conditions measured by the Chugoku Standard Method corresponding to ASTM method D2697.
Overcoating Intervals:		The intervals given assume preparation consistent with good painting
Hard dry:		The time taken until the product can be walked on without damaging it. Time taken until full mechanical strength is obtained is longer.
V.O.C.:		Theoretical quantity of volatile organic compounds in g/l.

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Some products have been specially modified to adapt to specific European requirements with regard to European-, national- and local laws and regulations or with regards to specific European use requirements. As a result some physical properties in a TDS may differ from those given in the original Japanese TDS.