



## HEMPEL'S SEATECH GLOSS VARNISH 09700

**Description:** HEMPEL'S SEATECH GLOSS VARNISH 09700 is a fast drying, one component water-borne acrylic gloss varnish with very high outdoor resistance. Contains UV filters.

**Recommended use:** On a new as well as previously varnished wood, interior and exterior and above the waterline.

**Availability:** Part of European Yacht assortment. Local availability subject to confirmation.

### PHYSICAL CONSTANTS:

Shade nos/Colours: 00000/ Transparent. see REMARKS overleaf  
Finish: Glossy  
Volume solids, %: 40 ± 1  
Theoretical spreading rate: 13 m<sup>2</sup>/l [521.3 sq.ft./US gallon] - 30 micron/1.2 mils  
Flash point: None.  
Specific gravity: 1 kg/litre [8.7 lbs/US gallon]  
Dry to touch: 1 hour(s) at 20°C/68°F see REMARKS overleaf  
2-3 hour(s) at 10°C/50°F see REMARKS overleaf

VOC content: 11 g/l [0.1 lbs/US gallon]

*The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.*

### APPLICATION DETAILS:

Application method: Airless spray / Conventional spray / Brush/Roller  
Thinner (max.vol.): Fresh water (3%) / Fresh water (5-10%) / Fresh water (3%)  
Nozzle orifice: 0.13 - 0.17 "  
Nozzle pressure: 130 bar [1885 psi]  
(Airless spray data are indicative and subject to adjustment)  
Cleaning of tools: Fresh water (see REMARKS overleaf)  
Indicated film thickness, dry: 30 micron [1.2 mils] see REMARKS overleaf  
Indicated film thickness, wet: 80 micron [3.2 mils]  
Recoat interval, min: According to specification.  
Recoat interval, max: According to specification.

**Safety:** Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Safety Data Sheets and follow all local or national safety regulations.



## HEMPEL'S SEATECH GLOSS VARNISH 09700

SURFACE PREPARATION:	<p><b>New wood:</b> Sanding (remove dust). Saturate the dry, clean surface with suitable wood preservative, allow to dry. Apply one coat of the product thinned with: 20% Fresh water. Apply a second coat of the product thinned: 5-10%. Sanding (remove dust). Finally apply 3-5 coats of the product. Add thinner to assist application if necessary. To obtain a smooth surface, sanding between coats is recommended (remove dust). Dry to sand after: 8-10 hours at 20°C/68°F.</p> <p><b>Previously painted surfaces:</b> Bad adherence or old alkyd products: <b>Old paint:</b> Use: HEMPEL'S PAINT STRIPPER99540. Sand with fine sandpaper (remove dust). Saturate the dry, clean surface with suitable wood preservative, allow to dry. Touch-up to full film thickness with the product, as described for new wood.</p> <p>Good adherence water-based acrylic products: Wash the area to be treated with HEMPEL'S PRE-CLEAN 67602 as instructed and rinse with fresh water. Allow to dry and abrade the surface with abrasive paper of grade: 150. Finish with: 3-5 coats of HEMPEL'S SEATECH GLOSS VARNISH 09700.</p>
APPLICATION CONDITIONS:	<p>Use only where application and drying can proceed at temperatures above: 5°C/41°F, preferably above 10°C/50°F</p> <p>Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Do not apply in direct sunlight.</p> <p>Relative humidity: During drying: below 80%, preferably 40-60%.</p> <p>Use only with sufficient ventilation.</p> <p>The wood must be dry before varnish application (max. humidity content: 18%).</p> <p>During drying it is of utmost importance that sufficient ventilation is covering all parts of the surfaces painted. Ventilation requirements to remove the water vapours liberated during application and drying are approx. 75 m<sup>3</sup>/litre of paint at 20°C/68°F. (Relative humidity of the air supply 40%)</p>
SUBSEQUENT COAT:	None.
REMARKS:	
Film thicknesses/thinning:	<p>Water-borne products may have a tendency to foaming when applied to edges or corners in too low film thicknesses. It is recommended to apply an additional three coats in these areas.</p> <p>If maximum recoat interval exceeds 3-5 days, remove carefully any residues referred to exterior surfaces exposed to periodical immersion, splash, condensation or abrasion during service life of the coating system.</p> <p>Clean tools carefully with fresh water or lukewarm soap water immediately after use. Dried remains of paint can be removed with: HEMPEL'S DEGREASE 99611.</p> <p>If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.</p>
Storage Conditions:	Store at temperatures between 5-40°C/41-104°F. Shelf life is reduced at temperatures above 30°C/86°F. Do not expose to frost during storage and transport, or before the coating is dry.
Recoating intervals:	<p><b>Coat number / Thinning / Minimum recoating interval</b></p> <p>2-3 / 5-10% / 3-4 hours 23°C/68°F, 50% RH</p> <p>4-5 / None / 8 hours 23°C/68°F, 50% RH</p> <p>1 / 20% / 3-4 hours 23°C/68°F, 50% RH</p>
Note:	<b>HEMPEL'S SEATECH GLOSS VARNISH 09700 For professional use only.</b>
ISSUED BY:	HEMPEL A/S

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This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on [www.hempel.com](http://www.hempel.com). Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

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