

Description:	Hempel's Alu Prop NCT is high performance, self-polishing antifouling. Hempel's patented binder technology ensures outstanding fouling protection and colour retention all season. Especially suited for aluminium boats.
Recommended use:	As an antifouling for boats of glass fibre, wood, plywood, steel and aluminium vessels.
Certificates/Approvals:	
Availability:	Part of European Yacht assortment. Local availability subject to confirmation.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	19990*/ Black.
Finish:	Semi-flat
Volume solids, %:	52 ± 1
Theoretical spreading rate:	13 m ² /l [521.3 sq.ft./US gallon] - 40 micron/1.6 mils
Flash point:	33 °C [91.4 °F]
Specific gravity:	1.4 kg/litre [11.6 lbs/US gallon]
Dry to touch:	2 hour(s) 20°C/68°F 4 hour(s) 10°C/50°F
VOC content:	427 g/l [3.5 lbs/US gallon]
Shelf life:	5 years 25°C/77°F (from date on lid)
	<small>*other shades according to assortment list. The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</small>
APPLICATION DETAILS:	
Application method:	Brush/Roller/Paint pad
Thinner (max.vol.):	Hempel's Thinner 808 (No 3) 08081 : max. 5%
Cleaning of tools:	Hempel's Thinner 808 (No 3) 08081
Indicated film thickness, dry:	40 micron [1.6 mils]
Indicated film thickness, wet:	75 micron [3 mils]
Overcoat interval, min:	4 hour(s) 20°C/68°F 8 hour(s) 10°C/50°F
Overcoat interval, max:	None
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.

SURFACE PREPARATION:	<p>Preparation Ensure all surfaces are clean, oil free and dry. Clean the surface and remove possible oil and grease with a suitable detergent and sand with dry abrasive paper. Carefully remove dust with fresh water.</p> <p>Uncoated surface: Prime prepared surface with Hempel's Light Primer and apply a tiecoat of Hempel's Underwater Primer whilst the surface is still tacky. Existing old self-polishing or traditional antifouling: Remove loose matter and contaminants by high pressure fresh water cleaning. Allow to dry. Existing old hard matrix antifouling or an unknown antifouling: High pressure fresh water clean, wet abrade, remove dust. Clean and dry the surface. If condition of previous antifouling is poor, seal with 1 coat of Hempel's Underwater Primer. On aluminium substrates that have not previously been antifouled, or if the existing primer is damaged, prime surface with minimum 300 µm (dry film thickness) of an epoxy primer.</p> <p>If previous antifouling is in general bad condition, it is recommended to remove previous coats and prime before applying antifouling.</p>
PRODUCT APPLICATION:	<p>Method: Apply 2 coats of the Antifouling paint at 40 µm dry film thickness each. Apply an additional coat around the waterline and high wear areas. Add thinner to assist application if necessary: max. 5%. Stir product well before use. Wear protective gloves/clothing and eye/face protection. (Finland: Apply 1 coat of the Antifouling paint at 40 µm dry film thickness per season.)</p> <p>If the vessel is regularly used at speeds above 20 knots, it is recommended to apply 3 coats of antifouling.</p>
APPLICATION CONDITIONS :	The surface must be completely clean and dry at the time of application and its temperature must be above the dew point to avoid condensation. Do not apply in direct sunlight. In confined spaces provide adequate ventilation during application and drying.
RECOMMENDED DETERGENT :	Hempel's Pre-Clean
PRECEDING COAT:	Hempel's Light Primer, Hempel's Underwater Primer
SUBSEQUENT COAT:	None.
REMARKS:	This antifouling contains special copper compounds as active ingredients. Copper can harm aluminium by direct contact. It is important that the antifouling does not have direct contact with aluminium. Physical damage to the anticorrosive coating caused by smearing/squeezing of copper particles from the antifouling onto the aluminium will cause pit corrosion. An epoxy primer system will act as an insulating barrier when applied correctly. Any damage to the primer system is to be carefully repaired within a maximum of one week.
Colours/Colour stability:	Final colour develops after 1 week immersion in water. Length of service may have a certain influence on colour. The antifouling may obtain a copper-green tinge. There might be a slight difference in colour from batch to batch. Mix before painting.
Stirring:	This product contains heavy particles. Stir well before use.
Film thicknesses/thinning:	Keep thinning to a minimum to ensure that correct film thickness is obtained. The amount of thinner depends on the application conditions: temperature, ventilation and substrate.
Storage Conditions:	Exposure to air and temperature variances should be avoided. Avoid direct sunlight. Keep containers tightly sealed. Storage temperature: 5°C/41°F - 35°C/95°F.
Launching:	Minimum: 24 hour(s) 20°C/68°F ; Maximum: 9 months
Overcoating:	No maximum overcoat interval, but after prolonged exposure to polluted atmosphere, remove accumulated contamination by high pressure fresh water cleaning and allow to dry before applying next coat.
Note:	Hempel's Alu Prop NCT
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. 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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