

Description: HEMPEL'S PROP NCT 7455X is a high performance, self-polishing antifouling for use on propellers and outdrives. Easy to apply and short recoating intervals.

Recommended use: Suitable for all substrates below the waterline.

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

PHYSICAL CONSTANTS:

Shade nos/Colours: 19990/ Black.

Finish: Semi-flat

Volume solids, %: 28 ± 1

Theoretical spreading rate: 1.4 m² / 500 ml spray can - 100 micron/4 mils

Flash point: Highly flammable.

Specific gravity: 1.3 kg/litre [10.9 lbs/US gallon]

Dry to touch: 20 minute(s) , 20°C/68°F
40 minute(s) , 10°C/50°F

VOC content: 643 g/l [5.3 lbs/US gallon]

Shelf life: 5 years

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

APPLICATION DETAILS:

Application method: Spray can

Thinner (max.vol.): Not relevant

Cleaning of tools: HEMPEL'S THINNER 808 (No 3) 08081

Indicated film thickness, dry: 25 micron [1 mils] applied in several coats, see REMARKS overleaf

Indicated film thickness, wet: 100 micron [4 mils]

Overcoat interval, min: 30 approx. minute(s) at 20°C/68°F
1 hour 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: Always 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.</p> <p>Uncoated surface: Prime prepared surface with HEMPEL'S LIGHT PRIMER 45551 and apply a tiecoat of HEMPEL'S UNDERWATER PRIMER 26030 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 26030.</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: Mask other areas including the anodes prior to application. Shake well before use. Spray from a distance of 20 - 30 cm from surface. Apply one layer of the product at a time until a smooth, uniform surface is obtained. (minimum 4 coats) Shake can occasionally during use. Spray upside down at the end of spraying to clean the nozzle. Wear protective gloves/clothing and eye/face protection.</p> <p>If applying over HEMPEL'S LIGHT PRIMER 45551 or HEMPEL'S LIGHT PRIMER SPRAY 455EX, apply the spray whilst the surface is still tacky.</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 67602
PRECEDING COAT:	HEMPEL'S PROP PRIMER 101EX or HEMPEL'S UNDERWATER PRIMER 26030
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.
Stirring:	Mixing: Hold can in a vertical position and shake can vigorously until agitator ball is heard, then continue shaking for a further 2 minutes. Shake can occasionally during use. Spray upside down at the end of spraying to clean the nozzle.
Film thicknesses/thinning:	Note that application by spray can give a lower thickness per coat than other methods. Apply several coats using the whole can, to obtain the specified film thickness. The spray can should be held upright during application and only used when there is sufficient propellant.
Storage Conditions:	Exposure to air and temperature variances should be avoided. Avoid direct sunlight. Keep containers tightly sealed. Store at temperatures: 5°C/41°F - 35°C/95°F.
Launching:	Minimum: 24 hour(s) 20°C/68°F ; Maximum: 6 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. If overcoating after prolonged exposure to polluted atmosphere, wash with fresh water and allow to dry before painting.
Note:	Hempel's Prop NCT 7455X
ISSUED BY:	HEMPEL A/S 7455X19990

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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