Product Data
HEMPEL'S ALUXTRA NCT 74770

Description:	HEMPEL'S ALUXTRA NCT 74770 is a high performance self-polishing antifouling based on Hempel's patented binder technology where the self-polishing is controlled by the sea waters interaction with binder. The powerful bioactive mixture and self-renewing effect results in a sustained antifouling protection throughout season.
Recommended use:	AluXtra NCT is an antifouling for boats of aluminium and other light-alloy metal.
Availability:	Part of European Yacht assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

Shade nos/Colours:	10000*/ White.
Finish:	Semi-flat
Volume solids, %:	53 ± 1
Theoretical spreading rate:	13.3 m^2/l [533.3 sq.ft./US gallon] - 40 micron/1.6 mils
Flash point:	34 °C [93.2 °F]
Specific gravity:	1.5 kg/litre [12.4 lbs/US gallon]
Dry to touch:	2 approx. hour(s) 20°C/68°F 4 (approx.) hrs at 10°C/50°F
VOC content:	406 g/l [3.4 lbs/US gallon]

**other shades according to assortment list.*

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

APPLICATION DETAILS:

Application method:	Airless spray / Air spray / Brush/Roller / Paint pad
Thinner (max.vol.):	08080 (5%) / 08080 (15%) / 08080 (5%)
Nozzle orifice:	0.018 - 0.023 "
Nozzle pressure:	150 bar [2175 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 08081
Indicated film thickness, dry:	40 micron [1.6 mils] see REMARKS overleaf
Indicated film thickness, wet:	75 micron [3 mils]
Overcoat interval, min:	According to specification.
Overcoat 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.

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SURFACE PREPARATION:	**Existing old self-polishing or ablative antifouling:** Remove possible oil and grease etc. with suitable detergent (HEMPEL'S PRE-CLEAN 67602), followed by high pressure fresh water cleaning for a thorough removal of any possible weak structure of leached antifouling. Allow the surface to dry before coating. **Sealer:** Whether to use a sealer coat/tiecoat or not depends on the type and condition of the existing antifouling. **Existing old hard antifouling:** Abrade to remove old leached layer. Remove possible oil and grease etc. with suitable detergent (HEMPEL'S PRE-CLEAN 67602), followed by high pressure fresh water cleaning for a thorough removal of any possible weak structure of leached antifouling. Allow the surface to dry before coating.
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. The temperature of the paint itself should be above: 15°C/59°F. Do not apply in direct sunlight. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	According to specification. Recommended systems are: HEMPEL'S UNDERWATER PRIMER 26030, HEMPEL'S LIGHT PRIMER 45551
SUBSEQUENT COAT:	None.
REMARKS:	This product contains heavy particles. Stir well before use.
Application(s):	This antifouling contains a special copper compounds as active ingredients. As copper can harm aluminium by direct contact, it is very important that the antifouling does not have any direct contact with the aluminium. Any specified epoxy primer system will, properly applied, act as an insulating barrier, a minimum of 300 micron/12 mils dry film thickness is recommended. Yet, it must be borne in mind, however, that physical damage to the anticorrosive coating causing smearing/squeezing copper particles from the antifouling onto the aluminium will cause pit corrosion. This galvanic attack can not be prevented by cathodic protection. That means any damage to the primer system is to be carefully repaired within max. a week's time. If it is foreseen that any such damage can not be repaired within this short time or frequent damage are expected, then a copper-free antifouling should be used instead.
Film thicknesses/thinning:	Keep thinning to a minimum to ensure that correct film thickness is obtained.
Overcoating note:	Apply: 2 x 40 microns (dry film) of the product for good protection. Add a third layer on sensitive zones as trailing edges, water line, rudder blade and keel. Launching: not before 24 hours after application of the last coat. After painting, the product can be left out of water for up to: 9 months. 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. When used at speeds above 15 knots, an additional coat must be applied.
Note:	**HEMPEL'S ALUXTRA NCT 74770** **The information given in the Product Data Sheet is intended for commercial use.**
ISSUED BY:	HEMPEL A/S 7477010000