



Product Data

HEMPEL'S BASIC 76111

Description: HEMPEL'S BASIC 76111 is a traditional antifouling (soluble matrix) based on cuprous oxide. It changes to final colour after approximately 1 week of exposure to water.

Recommended use: As an antifouling for boats of glass fibre, wood, plywood, steel and ferro-cement with a speed below 15 knots. Do not use on aluminium and other light-alloy metal. Risk of corrosion in case of direct contact.
For cold and temperate waters.

Availability: Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	Black/19990	Red/50000
Finish:	Semi-flat	Semi-flat
Volume solids, %:	51 ± 1	55 ± 1
Theoretical spreading rate:	12.8 m ² /litre - 40 micron 511 sq.ft./US gallon - 1.6 mils	13.8 m ² /litre - 40 micron 551 sq.ft./US gallon - 1.6 mils
Flash point:	37°C/99°F	37°C/99°F
Specific gravity:	1.5 kg/litre - 11.7 lbs/US gallon	1.5 kg/litre - 12.5 lbs/US gallon
Dry to touch:	4 (app) hours at 20°C/68°F 8 (app) hours at 10°C/50°F	4 (app) hours at 20°C/68°F 8 (app) hours at 10°C/50°F
V.O.C.:	395 g/litre - 3.3 lbs/US gallon	365 g/litre - 3.0 lbs/US gallon

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.

APPLICATION DETAILS:

Application methods:	Airless spray Airspray	Brush/Roller (See REMARKS overleaf)
Thinner (max. vol.):	08080 (5%) 08080 (15%)	08080 (5%)
Nozzle orifice:	.018" - .023"	
Nozzle pressure:	150 bar/2175 psi (Airless spray data are indicative and subject to adjustment)	
Cleaning of tools:	HEMPEL'S THINNER 08080	
Indicated film thickness, dry:	40 micron/1.6 mils	
Indicated film thickness, wet:	75 micron/3 mils	
Recoat interval, min:	5 hours (20°C/68°F) 9 hours (10°C/50°F)	
Recoat interval, max:	None (See REMARKS overleaf)	

Safety: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.



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SURFACE PREPARATION:	Existing antifouling: Remove any oil and grease, etc. with HEMPEL'S YACHT CLEANER 67601 followed by high pressure) fresh water cleaning, also to remove possible weak structure of leached antifouling. Allow the surface to dry before recoating. Sealer depends on type and condition of existing antifouling.
APPLICATION CONDITIONS:	The surface must be completely clean and dry. Application should only take place in dry weather and the temperature of the surface should be above the dew point to avoid condensation. The temperature of the paint itself should be above 15°C/59°F. Avoid direct sunlight. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	HEMPEL'S UNDERWATER PRIMER 26030, HEMPEL'S LIGHT PRIMER 45551 or according to specification.
SUBSEQUENT COAT:	None.
REMARKS:	Stir well before use as the product contains heavy particles. Keep thinning to a minimum to ensure that correct film thickness is obtained. The yacht may be launched when the paint is dry. Undocking may be postponed for a few days at low temperature, or - when not exposed to direct sun - up to two weeks, without affecting the antifouling performance. When recoating after service, the old coat of HEMPEL'S BASIC 76111 must be sealed off with eg HEMPEL'S UNDERWATER PRIMER 26030 even if it may appear sound and intact.
Note:	The information given in the Product Data Sheet is intended for commercial use.
ISSUED BY:	HEMPEL A/S - 7611050000C0007

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" in the HEMPEL Book.

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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Product data are subject to change without notice and become void five years from the date of issue.