



Product Data

Hempel's Prop Primer 101EX



Description:	Hempel's Prop Primer 101EX is an anti-corrosive spray primer and tiecoat for different substrates. Fast drying with good adherence to glass fibre, steel and other metals.
Recommended use:	As primer before antifouling on propellers and outdrives, chock marks and small patches on yachts.
Features:	Fast drying Good adhesion to most substrates such as GRP, steel and other metals (aluminium, bronze, etc.). Overcoatable with the most common generic types of paint.
Availability:	Part of European Yacht assortment. Local availability subject to confirmation.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	11320 Light Yellowish grey
Finish:	Flat
Volume solids, %:	20 ± 1
Theoretical spreading rate:	3.5 m ² /l [140.4 sq.ft./US gallon] - 30 micron/1.2 mils
Flash point:	Highly flammable.
Specific gravity:	1 kg/litre [7.9 lbs/US gallon]
Dry to touch:	20 minute(s) 20°C/68°F or 40 minute(s) 10°C/50°F
VOC content:	580 g/l [4.8 lbs/US gallon]
Shelf life:	5 years 25°C/77°F from time of production.
<i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>	
APPLICATION DETAILS:	
Application method:	Spray can (aerosol)
Thinner (max.vol.):	Not relevant
Cleaning of tools:	HEMPEL'S THINNER 845 (No 5) 08451
Indicated film thickness, dry:	30 micron [1.2 mils]
Indicated film thickness, wet:	150 micron [6 mils]
Overcoat interval, min:	1 hour , 20°C/68°F 2 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.



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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.</p> <p>Uncoated surface: Roughening of the surface is recommended for optimum adhesion. Remove dust and loose material. Clean and dry the surface.</p> <p>Previously coated surface: Remove old layers of antifouling, primer and loose matter. Remove dust and loose material. Clean and dry the surface.</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. Shake can occasionally during use. Spray upside down at the end of spraying to clean the nozzle. Overcoat with chosen Antifouling.</p>
APPLICATION CONDITIONS :	<p>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.</p>
RECOMMENDED DETERGENT :	HEMPEL'S PRE-CLEAN 67602
SUBSEQUENT COAT:	HEMPEL'S ECOPOWER PROP 7446X
REMARKS:	
Stirring:	<p>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.</p>
Film thicknesses/thinning:	<p>Note that application by spray can give a lower thickness per coat than other methods. Apply several coats to obtain specified film thickness.</p>
Storage Conditions:	<p>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.</p>
Overcoating:	<p>No maximum overcoating interval, but if the surface has been contaminated by oils and pollutants, thoroughly remove with suitable detergent, rinse with fresh water and allow to dry. Light abrade and remove all dust prior to repainting.</p>
Note:	Hempel's Prop Primer 101EX
ISSUED BY:	HEMPEL A/S

101EX11320

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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