

**Description:** HEMPEL'S LIGHT PRIMER SPRAY 455EX is a two-component epoxy primer spray. Particularly suited for maintenance, spot repair, touching-up and as a primer for small uncoated surface areas. Can be also be used as a primer on propellers before antifouling application.

**Recommended use:** Suitable on glass fibre, steel, aluminium and plywood. For interior and exterior use above and below the waterline.

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

### PHYSICAL CONSTANTS:

Shade nos/Colours: 11630/ Off-white  
Finish: Flat  
Volume solids, %: 32 ± 1  
Theoretical spreading rate: 3 m<sup>2</sup> / 311 ml spray can [32.5 sq.ft / 0.1 US gallon can] - 50 micron/2 mils  
Flash point: Highly flammable.  
Specific gravity: 1.1 kg/litre [9.2 lbs/US gallon]  
VOC content: 570 g/l [4.8 lbs/US gallon]  
Shelf life: 3 years 25°C/77°F

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

### APPLICATION DETAILS:

Application method: Spray can (aerosol)  
Thinner (max.vol.): Not relevant  
Pot life (Airless spray): 10 hour(s) 20°C/68°F  
20 hour(s) 10°C/50°F  
Pot life (Brush): 6 hour(s) 20°C/68°F  
Cleaning of tools: HEMPEL'S THINNER 845 (No 5) 08451  
Indicated film thickness, dry: 50 micron [2 mils]  
Indicated film thickness, wet: 175 micron [7 mils]  
Overcoat interval, min: 2 hour(s) 20°C/68°F  
4 hour(s) 10°C/50°F  
Overcoat interval, max: 30 day(s) 20°C/68°F  
60 day(s) 10°C/50°F

**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.

# Product Data

## HEMPEL'S LIGHT PRIMER SPRAY 455EX



SURFACE PREPARATION:	<b>Preparation:</b> 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. <b>Uncoated surface:</b> Roughening of the surface is recommended for optimum adhesion. Remove dust and loose material. <b>Previously coated surface:</b> Abrade, clean and dry the surface
PRODUCT APPLICATION:	<b>Method:</b> Activate the product. 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 required topcoat or antifouling. Apply antifouling whilst the surface is still tacky.
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
SUBSEQUENT COAT:	HEMPEL'S ANTIFOULING, HEMPEL'S TOPCOATS
REMARKS:	
Stirring:	<b>Product activation:</b> Shake can. Remove red button from lid. Turn can upside down. Push red button into valve at bottom of can. Hold can in a vertical position and shake can vigorously until agitator ball is heard; continue shaking for a further 2 minutes. Spray upside-down at 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 to obtain specified film thickness.
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.
Overcoating:	If the maximum overcoating interval is exceeded, clean with fresh water and allow to dry. Light abrade and remove all dust prior to repainting. If 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.
Note:	<b>HEMPEL'S LIGHT PRIMER SPRAY 455EX</b>
ISSUED BY:	HEMPEL A/S <span style="float: right;">455EX11630</span>

This Product Data Sheet supersedes those previously issued.  
For explanations, definitions and scope, see "Explanatory Notes" available on [www.hempel.com](http://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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