



# Product Data

## HEMPEL'S PROP-PRIMER 101EX

### DESCRIPTION

Anticorrosive primer and tie coat for different substrates in spray form

### RECOMMENDED USE

Recommended as primer in the antifouling application for propellers and out board engines for yachts.

### GENERAL TECHNICAL CHARACTERISTICS

- Fast drying
- Good adherence on steel and other metals (aluminium, zinc, etc.)
- Recoatable with any kind of paint

### TECHNICAL DATA

|                            |  |
|----------------------------|--|
| Aspect                     | Mat  |
| Colour                     | Grey   |
| Theoretical spreading rate | 2 m <sup>2</sup> /spray de 500 cc at 30 d.f.t. |
| Flash point                | -40°C  |
| Dry to touch               | 20 minutes at 20°C approx.                     |

### APPLICATION

|                          |  |
|--------------------------|--|
| Method                   | Spray                                      |
| Indicated film thickness | 30 microns dry film thickness as minimum   |
| Recoating interval       | Min: 1 hour at 20°C<br>Max: none           |
| Cleaning                 | THINNER 08460, HEMPEL'S TOOL CLEANER 99610 |

# HEMPEL

## Product Data Sheet



101EX

**SURFACE PREPARATION** Remove all contaminants with HEMPEL'S YACHT CLEANER 99331 followed by fresh water rinsing. It is recommended to carry out a sanding of the surface with sandpaper of a half degree in order to assure the perfect adherence on the substrate.

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.

**APPLICATION CONDITION** Shake the spray can for approximately 60 seconds to homogenise the product inside. Apply at a distance between 20 and 30 cm of the substrate.

It is advisable to apply of a first layer that it will act as tie coat and one more layer to obtain a flat and uniform surface.

It can be applied at low temperatures, but the time of drying will be increased. Avoid painting in direct sunlight. In confined spaces, facilitate the ventilation during the application and the drying. Avoid the application on substrates at temperatures above 45°C.

**Application on existing antifouling paint:**

Before repainting a helix it should be degreased with HEMPEL'S YACHT CLEANER 99331. The old layers of antifouling and primer in bad conditions should be eliminated. Dust off residues. Apply a layer of HEMPEL'S PROP-FIRST 101EX on the areas where the substrate is visible. Apply HEMPEL'S PROP-AF 712EX according to specification.

**REMARKS**

Stir well before use as the product contains heavy particles. Before applying the anodes should be covered.

Number of coats

The application by spray gives lower thickness than with other methods. The excessive thickness should be avoided trying to obtain a flat and uniform surface. It does not have a maximum recoating interval, but after prolonged exposure to polluted atmosphere, remove accumulated contamination by fresh water hosing and allow to dry before painting.

Cleaning of the nozzle

The cleaning of the nozzle is recommended for later reuse of the spray. When finished the application, put the spray in reverse position and press until it stops emitting paint.

Minimum immersion time

Never before 24 hours after application of the last coat.

**SAFETY**

Packings are provided with appropriate safety labels which should be observed. In addition, Material Safety Data Sheet(s) should be consulted and national or local safety regulations should be followed. As a general rule, inhalation of possible solvent vapours or paint mist, and contact of liquid paint with skin and eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint. Necessary precautions against the risk of fire or explosions must be taken.

**ISSUED**

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