



HEMPEL'S HIGH PROTECT 35651

35651: BASE 35659: CURING AGENT 97351

Description: HEMPEL'S HIGH PROTECT 35651 is a two-component amine adduct cured solvent-free epoxy high build primer. It forms a hard, tough and water-resistant coating.

Recommended use: As a primer below the waterline on boats made of glass fibre reinforced polyester or steel. Also for prevention and repair of osmotic blistering in the glass fibre reinforced polyester.

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

PHYSICAL CONSTANTS:

Shade nos/Colours: 13700*/ Grey.
Finish: High-gloss
Volume solids, %: 100
Theoretical spreading rate: 2.9 m²/l [116.3 sq.ft./US gallon] - 350 micron/14 mils
Flash point: 74 °C [165.2 °F]
Specific gravity: 1.3 kg/litre [10.5 lbs/US gallon]
Dry to touch: 10 - 12 hour(s) 20°C/68°F
22-27 hours at 10°C/50°F
Fully cured: 7 day(s) 20°C/68°F
14 day(s) at 10°C/50°F
VOC content: 10 g/l [0.1 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:

Version, mixed product: **35651**
Mixing ratio: BASE 35659: CURING AGENT 97351
3:2 by volume
Application method: Airless spray / Brush / Foam roller
Thinner (max.vol.): Do not dilute.
Pot life: 45 minute(s) 20°C/68°F
60 minutes at 15°C/59°F
Nozzle orifice: 0.023 "
Nozzle pressure: 250 bar [3625 psi]
(Airless spray data are indicative and subject to adjustment)
Cleaning of tools: HEMPEL'S THINNER 08451
The roller is scrapped after use.
Indicated film thickness, dry: 350 micron [14 mils]
Indicated film thickness, wet: 350 micron [14 mils]
Recoat interval, min: According to specification.
Recoat 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:	Wash the area to be treated with HEMPEL'S PRE-CLEAN 67602 as instructed and rinse with fresh water. Remove salt and other contaminants by (high pressure) fresh water cleaning. Glass fibre: The surface to be abraded to an even roughness (grinding paper, grit size 80-100). Remove dust. Steel: Abrasive blasting to Sa 2½, ISO 8501-1:2007, surface profile corresponding to Rugotest No. 3, BN 11.
APPLICATION CONDITIONS:	Use only where application and curing can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. 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. Glass fibre: For osmosis repair apply minimum 2 coats of 350 micron/14 mils dry film thickness each (for roller application minimum 4 coats of 150 micron/6 mils dry film thickness each). In case of preventive treatment apply minimum 1 x 350 micron/14 mils dry film thickness (for roller application minimum 2 coats of 150 micron/6 mils dry film thickness each). Steel: minimum 3 coats of each 150 micron/6 mils dry film thickness.
SUBSEQUENT COAT:	According to specification.
REMARKS:	
Application equipment:	It is recommended to use ½" hoses between pump and spray gun to avoid drop in pressure and if possible to remove suction hose.
Film thicknesses/thinning:	May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate. If applied by roller, it is of the utmost importance to be sure that the specified film thickness is obtained in a film free from pores.
Curing agent:	The Curing Agent is highly thixotropic. Add the 3 parts Base to the 2 parts Curing Agent while mixing.
Undocking:	Launching should not take place until the last coat of the product has cured for 1 week (20°C/ 68°F). 2 weeks at 10°C/50°F
Recoating intervals:	If the interval is exceeded, a thin coat of HEMPEL'S LIGHT PRIMER 45551 must be applied. Before recoating after exposure in contaminated environment, clean the surface thoroughly with high pressure fresh water hosing and allow drying.
Nota:	HEMPEL'S HIGH PROTECT 35651 The information given in the Product Data Sheet is intended for commercial use.
ISSUED BY:	HEMPEL A/S

3565113700

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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