

45550: BASE 45559: CURING AGENT 95360

Description:	Hempel's Light Primer 45550 is a two-component polyamide adduct cured epoxy high build paint. It forms a hard and tough coating resistant to water and petroleum products.
Recommended use:	As a primer under and above the water line on boats made of aluminium, glass fibre reinforced polyester, plywood, steel and ferro-cement. Also for prevention and repair of osmotic blistering in the glass fibre reinforced polyester, and for protection of keels and rudders.
Availability:	Not included in Group Assortment. Availability subject to special agreement.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	11630/ Off-white.
Finish:	Flat
Volume solids, %:	52 ± 1
Theoretical spreading rate:	5.2 m ² /l [208.5 sq.ft./US gallon] - 100 micron/4 mils
Flash point:	25 °C [77 °F]
Specific gravity:	1.3 kg/litre [10.7 lbs/US gallon]
Dry to touch:	3 - 4 approx. hour(s) 20°C/68°F or 6-8 hours , 10°C/50°F
Fully cured:	7 day(s) , 20°C/68°F or 14 days , 10°C/50°F
VOC content:	433 g/l [3.6 lbs/US gallon] <i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
APPLICATION DETAILS:	
Version, mixed product:	45550
Mixing ratio:	BASE 45559: CURING AGENT 95360 2:1 by volume
Application method:	Airless spray / Brush/Roller
Thinner (max.vol.):	08450 (5%) / 08450 (5%)
Pot life (Airless spray):	2 approx. hour(s) 20°C/68°F
Pot life (Brush):	6 approx. hour(s) 20°C/68°F
Nozzle orifice:	0.019 - 0.023 "
Nozzle pressure:	175 bar [2537.5 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S TOOL CLEANER 99610 , HEMPEL'S THINNER 08450
Indicated film thickness, dry:	100 micron [4 mils]
Indicated film thickness, wet:	200 micron [8 mils]
Overcoat interval, min:	According to separate APPLICATION INSTRUCTIONS
Overcoat interval, max:	According to separate APPLICATION INSTRUCTIONS
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 45550



SURFACE PREPARATION:	depending on type. According to separate APPLICATION INSTRUCTIONS
APPLICATION CONDITIONS :	Use only where application and curing can proceed at temperatures above: 5°C/41°F. The temperature of the paint itself should be above: 15°C/59°F. The best result is obtained at: 15-20°C/59-68°F. 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. In confined spaces provide adequate ventilation during application and drying.
SUBSEQUENT COAT:	According to specification.
REMARKS:	
Film thicknesses/thinning:	May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence amount of thinning, drying time and overcoat interval. The indicated dry film thickness of 100 micron/4 mils (for spray application) and 60 micron/2.4 mils (for brush application). Thinning should not take place until the last coat of the product has cured for 1 week (20°C/ 68°F). The first coat of the chosen antifouling/enamel must be applied after the last coat of the product according to the interval given in separate APPLICATION INSTRUCTIONS. If this interval is exceeded, the surface must be sanded and a new thin coat of the product must be applied. Before overcoating after exposure in contaminated environment, clean the surface thoroughly with high pressure fresh water hosing and allow drying.
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:	Hempel's Light Primer 45550 For professional use only.
ISSUED BY:	HEMPEL A/S 4555011630

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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