



## HEMPEL'S LIGHT PRIMER 45551

45551: BASE 45559: CURING AGENT 95360

**Description:** HEMPEL'S LIGHT PRIMER 45551 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 and steel. Also for prevention and repair of osmotic blistering in the glass fibre reinforced polyester, and for protection of keels and rudders.

**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<sup>2</sup>/l [208.5 sq.ft./US gallon] - 100 micron/4 mils  
 Flash point: 24 °C [75.2 °F]  
 Specific gravity: 1.3 kg/litre [10.9 lbs/US gallon]  
 Dry to touch: 3 - 4 hour(s) 20°C/68°F  
 Fully cured: 7 day(s) 20°C/68°F  
 VOC content: 439 g/l [3.6 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:** 45551  
**Mixing ratio:** BASE 45559: CURING AGENT 95360  
 2:1 by volume  
**Application method:** Air spray (HVLP) / Conventional (Gravity feed) / Conventional (Suction feed) / Conventional (Pressure feed)  
 Fluid tip: 1.6-1.8 mm/ 1.4-1.8 mm/ 1.4-1.8 mm/ 1.4-1.8 mm  
 Air pressure: 0.7 bar at nozzle/ 5 bar/ 5 bar/ 5 bar

**Thinner (max.vol.):** Airless spray / Brush  
 08450 (5%) / 08450 (5%)  
 (Spray data is indicative and subject to adjustment)  
**Pot life (Airless spray):** 2 hour(s) 20°C/68°F  
**Pot life (Brush):** 6-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)

**Indicated film thickness, dry:** 100 micron [4 mils]  
**Indicated film thickness, wet:** 200 micron [8 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.

**SURFACE PREPARATION:** See separate APPLICATION INSTRUCTIONS

**APPLICATION CONDITIONS:** See separate APPLICATION INSTRUCTIONS

**PRECEDING COAT:** See separate APPLICATION INSTRUCTIONS

**SUBSEQUENT COAT:** See separate APPLICATION INSTRUCTIONS

**REMARKS:**

**Note:** HEMPEL'S LIGHT PRIMER 45551 4555111630

The information given in the Product Data Sheet is intended for commercial use.

**ISSUED BY:** HEMPEL A/S

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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