



Product Data

HEMPEL'S LIGHT PRIMER 45551

BASE 45559 with 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 confirmation.

PHYSICAL CONSTANTS:

| | | |
|-----------------------------|---|---|
| Colours/Shade nos: | Off-white/11630 | Grey/12170 |
| Finish: | Flat | Flat |
| Volume solids, %: | 52 ± 1 | 51 ± 1 |
| Theoretical spreading rate: | 5.2 m ² /litre - 100 micron 209 sq.ft./US gallon - 4 mils | 5.1 m ² /litre - 100 micron 205 sq.ft./US gallon - 4 mils |
| Flash point: | 25°C/77°F | 25°C/77°F |
| Specific gravity: | 1.3 kg/litre - 10.9 lbs/US gallon | 1.3 kg/litre - 10.9 lbs/US gallon |
| Dry to touch: | 3-4 hours at 20°C/68°F | 3-4 hours at 20°C/68°F |
| Fully cured: | 7 days at 20°C/68°F | 7 days at 20°C/68°F |
| V.O.C.: | 445 g/litre - 3.7 lbs/US gallon | 450 g/litre - 3.7 lbs/US gallon |

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.

APPLICATION DETAILS:

| | | | | |
|--------------------------------|--|---------------------|---|----------------|
| Mixing ratio for 45551: | Base 45559 : Curing agent 95360 2 : 1 by volume | | | |
| Application method: | Airspray | Conventional | Conventional | Conventional |
| | HVLP: | Gravity feed: | Suction feed: | 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 |
| | Airless spray | Brush | | |
| Thinner: | 08450 (5%) | 08450 (5%) | <i>(Spray data is indicative and subject to adjustment)</i> | |
| Pot life: | 2 hours (20°C/68°F) | 6 hours (20°C/68°F) | | |
| Nozzle orifice: | .019"-.023" | | | |
| Nozzle pressure: | 175 bar/2450 psi <i>(Spray data are indicative and subject to adjustment)</i> | | | |
| Cleaning of tools: | HEMPEL'S DEGREASER 99611 or HEMPEL'S THINNER 08450 | | | |
| Indicated film thickness, dry: | 100 micron/4 mils | | | |
| Indicated film thickness, wet: | 200 micron/8 mils | | | |
| Recoat interval min: | See separate APPLICATION INSTRUCTIONS | | | |
| Recoat interval max: | See separate APPLICATION INSTRUCTIONS | | | |

*Surface preparation, application conditions, preceding/subsequent coat and remarks:
See relevant painting specification.*

Note:**Safety:**

HEMPEL'S LIGHT PRIMER 45551 is for professional use only.

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.

ISSUED BY:

HEMPEL A/S - 4555011630CR002

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" in the HEMPEL Book.

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Product data are subject to change without notice and become void five years from the date of issue.

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Product Data Sheet