



HEMPEL'S SUPREME GLOSS 55300

55300: BASE 55309: CURING AGENT 95302

Description:

HEMPEL'S SUPREME GLOSS 55300 is a high gloss, two component enamel, especially suited for application by brush and roller. It has excellent gloss and colour retention. Resistant to salt water and spillage of mineral oil. Easy application ensures an exceptional finish.
Isocyanate free

Recommended use:

As a finishing coat in two component systems on interior and exterior surfaces above water-line: wood, steel and glass fibre.

Availability:

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

PHYSICAL CONSTANTS:

Shade nos/Colours: 10501*/ White.
Finish: High-gloss
Volume solids, %: 57 ± 1
Theoretical spreading rate: 10.4 m²/l [417 sq.ft./US gallon] - 55 micron/2.2 mils
Flash point: 35 °C [95 °F]
Specific gravity: 1.2 kg/litre [9.7 lbs/US gallon]
Dry to touch: 4 hour(s) at 20°C/68°F
8 hour(s) at 10°C/50°F
VOC content: 386 g/l [3.2 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:**

55300

Mixing ratio:

BASE 55309: CURING AGENT 95302
3:1 by volume

Application method:

Conventional spray / Air spray / Wagner spray / Brush / Roller / Paint pad
Fluid tip: 1.2-1.4 mm
Air pressure: 3-4 bar

Thinner (max.vol.):

Spray 08511 (20-25%); Air spray/Wagner spray 08511 (20-30%); Brush 08711 (max 5%)

Pot life:

6 hour(s) 20°C/68°F - 12 hour(s) at 10°C/50°F

Cleaning of tools:

HEMPEL'S THINNER 08511 or 08711

Indicated film thickness, dry:

55 micron [2.2 mils]

Indicated film thickness, wet:

95 micron [3.8 mils]

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:

New wood: Wash the area to be treated with HEMPEL'S PRE-CLEAN 67602 as instructed and rinse with fresh water. Allow the wood to dry, sand bare spots, and remove dust completely. Apply one coat of HEMPEL'S LIGHT PRIMER 45551. Apply one coat of the product thinned with: 5-10% suitable HEMPEL'S THINNER. Finally apply 1-2 coats of the undiluted product.

Previously painted wood: Wash the area to be treated with HEMPEL'S PRE-CLEAN 67602 as instructed and rinse with fresh water. Grind the surface to a uniformly matt appearance. Remove dust and loose material. Touch up bare spots with: LIGHT PRIMER 45551. Apply one coat of HEMPEL'S LIGHT PRIMER 45551. Apply one coat of the product thinned with: 5-10% suitable HEMPEL'S THINNER. Finally apply 1-2 coats of the undiluted product.

Steel: HEMPEL'S PRE-CLEAN 67602. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust and loose material by abrasive blasting or power tool cleaning. Apply one coat of HEMPEL'S LIGHT PRIMER 45551. Finally apply 2-3 coats of the undiluted product.

Glass fibre: Wash the area to be treated with HEMPEL'S PRE-CLEAN 67602 as instructed and rinse with fresh water. Allow the surface to dry. Abrade before primer application. Remove dust and loose material. Touch up to full film thickness with HEMPEL'S LIGHT PRIMER 45551. Finally apply 2-3 coats of the undiluted product.

APPLICATION CONDITIONS:

Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Application should only take place in dry weather with temperatures above: 5°C/41°F. Do not apply in direct sunlight.

In confined spaces provide adequate ventilation during application and drying.

PRECEDING COAT:

According to specification. Recommended systems are: HEMPEL'S LIGHT PRIMER 45551 or suitable wood preservative.

SUBSEQUENT COAT:

None.

REMARKS:

Colours/Colour stability:

Increased service temperatures will enhance the natural tendency to yellowing especially indoors.

Film thicknesses:

May be specified in another film thickness than indicated depending on purpose and area of use.

Normal range is: 40-50 micron/1.6-2 mils.

Recoating note:

When applied by spray second coat must be applied wet in wet or after: 3 days (20°C/68°F), 6 days (10°C/50°F) in order to assure proper film formation.

Maximum recoat interval refers to exterior surfaces exposed to periodical immersion, splash, condensation or abrasion during service life of the coating system. On other areas no maximum recoat interval for adhesion. If maximum recoat interval is exceeded, rub down to ensure adhesion.

Before overcoating after exposure in contaminated environment clean surface thoroughly by high pressure fresh water hosing or by hosing down with fresh water and scrubbing with a stiff brush and allow to dry.

Nota:

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

ISSUED BY:

HEMPEL A/S

5530010501

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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