



# Product Data

## HEMPEL'S BRILLIANT ENAMEL 52250

Description: HEMPEL'S BRILLIANT ENAMEL 52250 is an urethane alkyd enamel with high gloss and good colour retention. Flexible and resistant to salt water and spillage of mineral oil.

Recommended use: As a finishing coat in alkyd systems on interior and exterior surfaces above the water-line.

Availability: Subject to confirmation.

### PHYSICAL CONSTANTS:

Colours/Shade nos: White/10001\*  
Finish: High gloss  
Volume solids, %: 53 ± 1  
Theoretical spreading rate: 13.3 m<sup>2</sup>/litre - 40 micron  
531 sq.ft./US gallon - 1.6 mils  
Flash point: 38°C/100°F  
Specific gravity: 1.2 kg/litre - 9.2 lbs/US gallon  
Dry to touch: 5 (app) hours at 20°C/68°F  
10 (app) hours at 10°C/50°F  
V.O.C.: 385 g/litre - 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. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.*

### APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush/Roller/Paint pad
Thinner (max.vol.):	08230 (5%)	08230 (15%)	08230 (5%)
Nozzle orifice:	.018"-.021"		
Nozzle pressure:	150 bar/2200 psi <i>(Airless spray data are indicative and subject to adjustment)</i>		
Cleaning of tools:	HEMPEL'S THINNER 08230		
Indicated film thickness, dry:	40 micron/1.6 mils		
Indicated film thickness, wet:	75 micron/3 mils		
Recoat interval, min:	8 hours (20°C/68°F) <i>(See REMARKS overleaf)</i> 16 hours (10°C/50°F) <i>(See REMARKS overleaf)</i>		
Recoat interval, max:	3 days (20°C/68°F) <i>(See REMARKS overleaf)</i> 6 days (10°C/50°F) <i>(See REMARKS overleaf)</i>		

Safety: 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.



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APPLICATION CONDITIONS:	The surface must be completely clean and dry. Application should only take place in dry weather with temperatures above 5°C/41°F and not in direct sunlight. To avoid condensation the temperature of the surface must be above the dew point. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	HEMPEL'S PRIMER UNDERCOAT 13201, suitable wood preservative or according to specification.
SUBSEQUENT COAT:	None.
REMARKS:	Increased service temperatures will enhance the natural tendency to yellowing especially indoors. May be specified in another film thickness than indicated depending on purpose and area of use. Normal range is 30-40 micron/1.2-1.6 mils. 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 interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Before overcoating after exposure in contaminated environment, clean the 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.
NOTE:	The information given in the Product Data Sheet is intended for commercial use.
ISSUED BY:	HEMPEL A/S - 5225010001CS003

***This Product Data Sheet supersedes those previously issued.***

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

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