

Product Data



BLAKES BRILLIANT ENAMEL

52250

Description:	BLAKES BRILLIANT ENAMEL 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 - Black/19990 - Britannia Blue/31810 - Souvenirs Blue/32800 - True Blue/34660 - Pillarbox Red/50800 - Ice Grey/1170 - Inca Yellow/20250 - Sand/20410 - Pale Cream/22210 - Pearl White/23800 - Warm Cream/24000 - Rhapsody Blue/339600 - Biscay/35300 - Shannon Green/40900 - Chodo Green/43000 - Bordeaux Red/50200 - Survival Orange/50190
Finish:	High gloss
Volume solids, %:	53 ± 1
Theoretical spreading rate:	13.3 m ² /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 BLAKES PAINTS approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1. Further reference is made to "Explanatory Notes" in the BLAKES PAINT MANUAL.

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 (Airless spray data are indicative and subject to adjustment)		
Cleaning of tools:	BLAKES THINNER No 1		
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) 16 hours (10°C/50°F)		
Recoat interval, max:	3 days (20°C/68°F) (See REMARKS overleaf) 6 days (10°C/50°F) (See REMARKS overleaf)		

Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BLAKES PAINTS 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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Issued:	February 2005
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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: BLAKES PRIMER UNDERCOAT or according to specification.

SUBSEQUENT COAT: None.

REMARKS: **Although the product may not appear to require stirring, it is always necessary to stir thoroughly with a bladed instrument.** When diluting with BLAKES THINNERS No 1, stir carefully, do not shake the can, as this will produce air bubbles in the product. If maximum recoat interval is exceeded, rub down surface to ensure adhesion. When used indoors high temperatures will tend to increase the yellowing properties of this product. 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. 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 professional use.**

ISSUED: FEBRUARY 2005 - 5225010001CS001
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This Product Data Sheet supersedes those previously issued. For definition and scope, see explanatory notes to applicable Product Data Sheets.

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. The Products are supplied and all technical assistance is given subject to BLAKES PAINTS GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise.

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