

## BLAKES PRIMER UNDERCOAT

13201

**Description:** BLAKES PRIMER UNDERCOAT is a quick drying, high opacity primer and undercoat providing excellent durability and surface stability in preparation for overcoating with single pack systems.

**Recommended use:** Suitable as a primer for steel and as an undercoat for Brilliant Enamel or Yacht Enamel. For use above the waterline.

**Service temperatures:** Maximum, dry: 120°C/248°F

**Availability:** Subject to confirmation.

### PHYSICAL CONSTANTS:

Colours/Shade nos: White/10000 - Grey/11480 - Red/50900 - Black/19990 - Blue/30180

Finish: Flat

Volume solids, %: 44 ± 1

Theoretical spreading rate: 10 m<sup>2</sup>/litre - 40 micron

Flash point: 31°C/88°F

Specific gravity: 1.3 kg/litre - 10.9 lbs/US gallon

Dry to touch: 3 (*app*) hours at 20°C/68°F

6 (*app*) hours at 10°C/50°F

V.O.C.: 450 g/litre - 3.7 lbs/US gallon

*The physical constants stated are nominal data according to the BLAKES Group's 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.): BLAKES THINNERS No 1 (5%)    BLAKES THINNERS No 1 (5%)    BLAKES THINNERS No 1 (5%)

Nozzle orifice: .021"-.023"

Nozzle pressure: 200 bar/2900 psi  
(*Airless spray data are indicative and subject to adjustment*)

Cleaning of tools: BLAKES THINNERS No 1

Indicated film thickness, dry: 40 micron/1.6 mils

Indicated film thickness, wet: 100 micron/4 mils

Recoat interval, min: 4 hours (20°C/68°F)

8 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.

**Issued:** JUNE 2004

## 2. BLAKES PRIMER UNDERCOAT

### SURFACE

PREPARATION: **New steel:** Remove oil and grease, etc. with BLAKES SURFACE CLEANER. Remove salt and other contaminants by (high pressure) fresh water cleaning. For repair and touch-up use BLAKES PRIMER UNDERCOAT.  
**Maintenance:** Remove oil and grease, etc. with suitable detergent BLAKES SURFACE CLEANER. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust and loose material by abrasive blasting or power tool cleaning. Dust off residues. Touch up to full film thickness.

APPLICATION CONDITIONS: As dictated by normal good painting practice.  
In confined spaces provide adequate ventilation during application and drying.

SUBSEQUENT COAT: BLAKES BILGE & LOCKER PAINT or BLAKES YACHT ENAMEL.

REMARKS: If the maximum recoat interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.  
Before overcoating after exposure in contaminated environment, clean the surface thoroughly with (high pressure) fresh water and allow to dry.

Note: **The information given in the Technical Data Sheet is intended for commercial use.**

ISSUED: JUNE 2004 - 1320110000DK300  
BLAKES PAINTS

***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.***