



DULUX STELLAR SPEED UNDERCOAT

SOLVENT BASED

PRODUCT INFORMATION

PRODUCT NAME	Dulux Stellar Speed Undercoat
PRODUCT CODE	A545-101
DESCRIPTION	Dulux Stellar Speed Undercoat is an acrylic copolymer based undercoat. Its revolutionized formulation enables it to be used as an undercoat as well as a stain sealer.
USAGE	Dulux Stellar Speed Undercoat is recommended for Dulux Stellar High Gloss and Dulux Woodcare Satinwood. It is suitable for use on correctly prepared and primed interior and exterior metal and wood surfaces where high film build and smoothness are required. It provides a smooth base for subsequent topcoats.
BENEFITS	Exhibits stain sealing property which prevents joss stick stains and cigarette stains from permeating through the new paint film and causing yellow discolouration. Its alkali resistant property enables it to be applied on cementitious substrate. Improve film build & levelling Non-added lead and mercury Solvent-based
PACK SIZE	1 and 5 litres
COLOUR RANGE	Available in White only

PERFORMANCE GUIDE

FILM PROPERTIES	Will tolerate the levels of atmospheric humidity present in normal environment but is not suitable for use on immersed surfaces.
THEORETICAL COVERAGE	The spreading capacity of this product will vary according to the roughness and porosity of the surface. Theoretical coverage under normal conditions is up to 13m ² /L

PRODUCT DATA

COMPOSITION (nominal)	Pigment : Titanium Dioxide and Mineral Extenders Binder : Acrylic copolymer Solvent : White Spirit
VOLUME SOLIDS	40% (nominal)

APPLICATION

THINNING	
Brush or Roller	Thinning is usually not necessary after thorough stirring. If required, dilute up to 10% with white spirit. Dilution above 20% will affect the performance of the paint.
Conventional Spray	Dilute with 10%-20% of white spirit
Airless Spray	Ready for use
SPRAY RECOMMENDATIONS	
Conventional Spray	Satisfactory through most equipment
Airless Spray	A typical set up for airless spray application is a minimum working pressure on paint of 140 kg/cm ² (2000 lb/sq in) with a spray tip size 0.38mm (15 thou) and a spray tip angle 65°.
DRYING TIMES	
Touch Dry	Single coat at standard thickness: 30-40 µm 1 hour
Recoat	2 - 3 hours Drying time is dependent on many factors such as the environment, temperature, humidity, number and thickness of coats applied, thinner used and substrate condition.
CLEANING EQUIPMENT	Clean all equipment with white spirit immediately after use.



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PRE-APPLICATION

SURFACE PREPARATION

Surfaces must be clean, dry, free from all defective or poorly adhering material, dirt, grease, wax etc. All surfaces should be rubbed down using a suitable abrasive paper and then dusted off. Any scrapped area should be spot primed. Light sanding on surface would ensure better subsequent intercoat adhesion.

Wood surfaces should be sanded in the direction of the grain, using suitable abrasive paper and then dusted off. Remove mould. Treat the affected area with Dulux Fungicidal Wash (A980-19260) and let wood dry at least 24 hours before application of Dulux Stellar High Gloss or Dulux Woodcare Satinwood.

Ferrous surfaces should be sanded or wire-brushed to remove millscale and rust. Remove the rust thoroughly and the area should be spot-primed.

For optimum performance, new galvanized and aluminium surfaces should be cleaned and degreased, then pre-treated with an appropriate pre-treatment primer to ensure good adhesion

NOTE: Ensure good ventilation during application and drying.

SYSTEM INFORMATION

	SEALER/PRIMER (1 COAT)	UNDERCOAT (1 COAT)	FINISH (MINIMUM 2-3 COATS)
Wood	Dulux Aluminium Wood Primer Sealer		Dulux Stellar High Gloss
Metal	Dulux Stellar Grey Green Zinc Phosphate Primer	Dulux Stellar Speed Undercoat	Dulux Woodcare Satinwood **
Galvanized Iron or Aluminum	Dulux Galvprime *		
Masonry stained with joss stick stain or cigarette smoke	-	Dulux Stellar Speed Undercoat (1-2 coats) ***	Dulux Stellar High Gloss Dulux Woodcare Satinwood ** Dulux Interior Emulsion

* Patch trial recommended prior to full scale painting as there are variation on composition and surface treatment of the substrate
 ** may be used on interior surfaces only
 *** 2 coats of Dulux Stellar Speed Undercoat may be necessary to ensure that severe stain is sealed.

PRECAUTION

HEALTH, SAFETY AND ENVIRONMENT INFORMATION

Product Safety Data Sheet available upon request

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