

TECHNICAL DATA SHEET**PRODUCT** UV230 WHITE UV CURE UNDERCOAT**DESCRIPTION** UV230 is a high build undercoat for use on very absorbent substrates. Combined with its excellent sanding properties, it provides a smooth surface for top coating to matt and high gloss finishes.**USED FOR** Furniture and various wood substrates (M.D.F., Chipboard) using suitable metallic lamps to give full through cure.**PROPERTIES**

COLOUR	White.
SOLVENT RESISTANCE	Good.
SANDABILITY	Excellent.
BUILD	Excellent.
SINKBACK	Minimal.
WATER RESISTANCE	Good.
VERTICAL HOLD UP	Good.
HARDNESS	Excellent after full cure.
LEVELLING & FLOW	Good.

TECHNICAL DATA

1. Viscosity at 25 °C	2000 - 4000 centipoise
2. Solids content	94 ± 1%
3. Flash Point	> 21°C
4. Specific Gravity	1.300 ± 0.005

**COVERAGE
(THEORETICAL)** From 200 to 300 gms/m² for each coat, depending on type of substrate.
2.3 metres² / litre at 300 microns.**APPLICATION
METHODS** Conventional spray, Pressure Pot automatic spray line.**MINIMUM
FLASH OFF TIME** 5 minutes**SANDING AND
TOP COATING** MUST BE SANDED before top coating - remove sanding dust.
If more than 24 hours between sanding and top coating, lightly abrade and remove sanding dust.**SHELF LIFE** 6 months (in original sealed containers) at 25° C**PACKAGING** 4 Lt. 20 Lt.

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SYSTEM RECOMMENDATIONS

<u>SUBSTRATE</u>	<u>PREPARATION</u>	<u>COATING SEQUENCE</u>	<u>FILM BUILD</u> <u>WET (DRY)</u>
TIMBER	Sand and remove dust	1 st Coat : UV230 White UV Cure Undercoat	300 microns
M.D.F,			
PARTICLE BOARD		Finish coats: UV Cure Topcoat	T.B.A.
		OR	
		UT900 Series 2-Pack Topcoat	80 - 100 (36-45) microns
		OR	
		UT100 Series 2-Pack Topcoat	100 - 120 (40 - 50) microns
		OR	
		Other suitable lacquers or 2-pack Topcoats.	T.B.A.

SURFACE PREPARATION

TIMBER Surface should be dry, clean and free from large gaps or imperfections.
 An initial sand with 180 grit Fre-cut paper is recommended prior to sealing.
or
M.D.F. Remove by blow-off or vacuum all excess dust then apply
or
PARTICLE BOARD UV230 White U.V. Cure Undercoat according to instructions.

APPLICATION

THINNING UV230 White UV Cure Undercoat is designed to be thinned 30 - 40% with UV1000 Thinner

SPRAYING: Suction gun - using 72-86 thou orifice at 300 - 350 kPa (40 - 50 psi).
 For pressure pot applications use 40 - 50 thou orifice with a pressure pot air cap,
 air pressure of 350 kPa (50 psi) and
 a MAXIMUM pot pressure of 35kpa (6 psi).

EQUIPMENT CLEANUP: All equipment should be thoroughly cleaned with suitable thinners.

GENERAL PRECAUTIONS

Do not apply this product at temperatures below 10°C or relative humidity above 85%.
 Ensure maximum recoat interval is not exceeded otherwise surface must be lightly abraded and then dusted to ensure maximum intercoat adhesion.
 Shelf life is normally 6 months but depends on storage conditions.

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SAFETY PRECAUTIONS

Provide adequate ventilation during use.
Airflow should be adequate to ensure a comfortable working atmosphere.

When spray painting, users should comply with the provisions of the State Spray Painting Regulations.

Where this is not possible, operators must use an air supplied respirator complying with Australian Standards AS1715 and AS1716.

This product is flammable and all sources of ignition (flame, pilot lights, furnaces, spark producing switches etc.) must be eliminated in or near the application area.

DO NOT SMOKE.

This product contains photo-initiator and the necessary precautions must be observed when handling this material.

Avoid contact with skin and eyes.

Wear protective goggles and gloves when handling the material.

In the case of skin contact, remove contaminated clothing and wash skin thoroughly with clean water.

Seek medical attention if eyes are affected by splashes or fumes.

DANGEROUS GOODS

Class 3.3 UN 1263 PAINT HFP

This data sheet is based on information in BC Coatings possession at date of issue.
BC Coatings supplies its products only on condition that the consumer is satisfied as to the performance of the product in meeting his particular requirements.