

**TECHNICAL DATA SHEET****PRODUCT  
DESCRIPTION****UT240 2K TIMBER UNDERCOAT**

A two-component polyurethane undercoat designed to set up quickly, and be ready for sanding and top-coating in the minimum time.

**PROPERTIES  
COLOUR**

White / Black

**GLOSS LEVEL**

Matte

**CHEMICAL  
RESISTANCE**

Not applicable (normally overcoated)

**SOLVENT  
RESISTANCE**

Not applicable (normally overcoated)

**TECHNICAL DATA  
RECOMMENDED  
FILM BUILD**

Up to 100 microns dry, applied over three wet passes

**VOLUME SOLIDS  
(THEORETICAL)**

≈ 35%

**COVERAGE**

3.3 sq metres per litre (approximate) to achieve 100 microns dry film build.

**COMPONENTS**

2 (Two)

**MIXING RATIO**

2 parts Part "A" : 1 part Part "B"

**DRY TIMES AT 25 °C**

SET UP	10 - 20 minutes
SANDING*	2 - 4 hours
TOPCOAT*	4 - 6 hours

\*For optimum results it is recommended to allow an overnight cure prior to sanding and top-coating. Curing times are adversely affected by excessive paint film thickness, improper surface preparation, improper drying conditions and incorrect thinner selection.

UT240 Slow Hardener available for use at air temperatures > 25 °C or for use on larger areas.

**POT LIFE AT 25°C**

2 hours at ambient pressure.

**APPLICATION  
METHODS**

Conventional spray, pressure pot.

**FLASHPOINT**

10 °C

**SHELF LIFE**

12 months (minimum) in original sealed containers

**PACKAGING**

Part A	4 Lt.	20 Lt.
Part B	2 Lt.	5 Lt.

**TECHNICAL DATA SHEET**  
**UT240 2K TIMBER UNDERCOAT WHITE UNDERCOAT**

**SYSTEM RECOMMENDATIONS**

<b><u>SUBSTRATE</u></b>	<b><u>PREPARATION</u></b>	<b><u>COATING SEQUENCE</u></b>	<b><u>FILM BUILD WET (DRY)</u></b>
TIMBER	Sand and remove dust	1 <sup>st</sup> coat : UT300 2-Pack Clear Timber Sealer OR UT240 White 2K Timber Undercoat Finish coat : UT900 Series 2-Pack Fast Dry Topcoat OR UT100 Series 2-Pack Acrylic Topcoat	80 microns  80 - 100 (26 - 34) microns  80 - 100 (36 - 45) microns  100 - 120 (40 - 50) microns
M.D.F.	Scuff back and dust off	1 <sup>st</sup> coat : UT240 White 2K Timber Undercoat Finish coat : UT900 Series 2-Pack Fast Dry Topcoat OR UT100 Series 2-Pack Acrylic Topcoat	80 - 100 (26 - 34) microns  80 - 100 (36 - 45) microns  100 - 120 (40 - 50) microns
PARTICLE BOARD	Dust-off	1 <sup>st</sup> coat : UT240 White 2K Timber Undercoat 2 <sup>nd</sup> Coat : UT240 White 2K Timber Undercoat Finish coat : UT900 Series 2-Pack Fast Dry Topcoat OR UT100 Series 2-Pack Acrylic Topcoat	80 - 100 (26 - 34) microns  80 - 100 (26 - 34) microns  80 - 100 (36 - 45) microns  100 - 120 (40 - 50) microns

**SURFACE PREPARATION**

**TIMBER / M.D.F. / PARTICLE BOARD**

For best results, surface should be lightly sanded and dust removed prior to application of coating.



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### UT240 2K TIMBER UNDERCOAT WHITE UNDERCOAT

#### APPLICATION

##### **MIXING**

Mix all of base to all of hardener or in the ratio of TWO (2) parts of base to ONE (1) part hardener by volume for small requirements.

UT240 Slow Hardener available for use at air temperatures > 25 °C or for use on larger areas.

##### **THINNING**

UT240 Undercoat may be reduced with up to 30 % UT100 U-thane Thinner or UT101 Medium U-thane Thinner depending on ambient weather conditions or the size /shape of the article to be sprayed.

The different hardeners and thinners can be cross-mixed to give the required properties to suit application and/or weather conditions.

##### **SPRAYING**

Conventional siphon pot	: 385 kPa	(50 psi)
Conventional pressure pot	: 300 kPa - 450 kPa	(45 - 65 psi)
Pressure at pot	: 65 kPa	(10 psi)
Pressure at Gun	: 385 kPa	(50 psi)

##### **EQUIPMENT CLEANUP**

All equipment should be thoroughly cleaned with BC Coatings Gunwash.

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#### PRECAUTIONS

##### **SAFETY**

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 is poly-isocyanate catalysed 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.

##### **WARNING**

HARDENER PART "B" contains free organic isocyanate ( $\approx 0.50\%$  w/w).  
Long term storage at higher than normal temperatures will increase the free organic isocyanate content to  $\approx 0.90\%$  w/w maximum.  
Please refer to the appropriate Material Safety Data Sheets supplied by the manufacturer for health and safety information on the above products.

##### **GENERAL**

Freshly mixed material must not be added to material which has been in use for some time.  
Rate of cure is dependent upon temperature.  
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 inter-coat adhesion.  
Shelf life is normally 12 months but depends on storage conditions.

##### **DANGEROUS GOODS**

Part A	Class 3.1	UN	1263	PAINT HFP
Part B	Class 3.2	UN	1866	RESIN SOLUTION

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.

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