

TECHNICAL DATA SHEET

<u>PRODUCT DESCRIPTION</u>	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.		
<u>PROPERTIES</u>			
COLOUR	White / Black		
GLOSS LEVEL	Matte		
CHEMICAL RESISTANCE	Not applicable (normally overcoated)		
SOLVENT RESISTANCE	Not applicable (normally overcoated)		
<u>TECHNICAL DATA</u>			
<u>RECOMMENDED FILM BUILD</u>	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.

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UT240 2K TIMBER UNDERCOAT WHITE UNDERCOAT

SYSTEM RECOMMENDATIONS

<u>SUBSTRATE</u>	<u>PREPARATION</u>	<u>COATING SEQUENCE</u>	<u>FILM BUILD WET (DRY)</u>
TIMBER	Sand and remove dust	1 st 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 st 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 st coat : UT240 White 2K Timber Undercoat 2 nd 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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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

DO NOT SMOKE.

This product is poly-isocyanate catalysed and the necessary precautions must be observed when handling this material.

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.