

TECHNICAL DATA SHEET

PRODUCT **UT220 WHITE TWO-PACK FAST SANDING UNDERCOAT**

DESCRIPTION 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 only

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) 33 %

COVERAGE 3.3 metres² / litre (approximate) to achieve 100 microns dry film build

COMPONENTS Two

MIXING RATIO 2A : 1B

DRY TIMES AT 25°C	<u>STANDARD</u>	<u>CHEMICALLY ASSISTED</u>
SET UP	10 - 20 minutes	10 - 20 minutes
SANDING*	6 hours - 8 hours	1 hour - 2 hours
TOPCOAT*	Overnight	4 hours - 6 hours

*For optimum results it is recommended to allow an overnight cure prior to sanding and top coating.

POT LIFE AT 25°C 2 hours at ambient pressure

APPLICATION METHODS Conventional spray, brush or roller

FLASHPOINT 10 °C

SHELF LIFE 12 months (minimum) in original sealed containers

PACKAGING

Part A	2 Lt.	4 Lt.	20 Lt.
Part B	1 Lt.	2 Lt.	5 Lt.

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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 UT220 White Fast Sanding Undercoat OR UT205 White Primer Undercoat Finish coat : UT900 2-Pack Fast Dry Topcoat OR UT100 Series 2-Pack Acrylic Topcoat	80 microns 80 - 100 (26 - 34) 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 : UT220 White Fast Sanding Undercoat Finish coat : UT900 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 : UT220 White Fast Sanding Undercoat 2 nd coat : UT220 White Fast Sanding Undercoat Finish coat : UT900 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
G.R.P.	Remove mould release or degrease	1 st coat : UT220 White Fast Sanding Undercoat OR EP200 2-Pack Epoxy Primer Finish coat : UT100 Series 2-Pack Acrylic Topcoat	80 - 100 (26 - 34) microns 80 - 100 (30 - 40) microns 100 - 120 (40 - 50) microns

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SURFACE PREPARATION

**TIMBER / M.D.F.
/ PARTICLE BOARD** For best result surface should be lightly sanded and dust removed prior to application of coating.

G.R.P Degrease by using an appropriate cleaning solvent, replacing contaminated rags frequently.
Allow to dry fully prior to application of coating.

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.

THINNING UT220 is designed as a ready for use system but up to 10 % UT100 U-thane Thinner may be used if thinning is necessary

SPRAYING

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

This product is inflammable and all sources of ignition (flame, pilot lights, furnaces, spark producing switch 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.

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 intercoat 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.