

TECHNICAL DATA SHEET**PRODUCT****UT300 2-PACK CLEAR TIMBER SEALER****DESCRIPTION**

A fast drying 2-pack clear for preparing and sealing timber surfaces so as to enhance grain definition and minimise sinking of topcoats.

PROPERTIES**COLOUR**

Transparent

GLOSS LEVEL

Not applicable

**CHEMICAL
RESISTANCE**

Not applicable

**SOLVENT
RESISTANCE**

Not applicable

**ABRASION
RESISTANCE**

Not applicable

**TEMPERATURE
RANGE**

Pass at 150 °C (dry).

TECHNICAL DATA**RECOMMENDED FILM
BUILD**

80 microns (wet)

VOLUME SOLIDS

38%

**THEORETICAL
COVERAGE:**

12metres² / lt. (approx)

COMPONENTS

Two.

MIXING RATIO

2A : 1B by volume

TECHNICAL DATA SHEET
UT300 TWO-PACK CLEAR TIMBER SEALER

DRYING AT 25 °C

Touch Dry	30 minutes
Handleable	1 hour
Sanding	2 hours

CHEMICALLY ASSISTED DRYING AT 25 °C

Touch Dry	15 minutes
Handleable	30 minutes
Sanding	1 hour

POT LIFE AT 25 °C 4 hours

APPLICATION METHODS Conventional, airless or air assisted airless

FLASHPOINT 22 °C

RECOATABILITY Must be sanded

SHELF LIFE 12 months at 25 °C in original sealed containers.

PACKAGING

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

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 UT310 2-pack Clear Timber Sealer 2 nd coat : UT300 2-pack Clear Timber Sealer Finish coat : UT900 Series 2-Pack Fast Dry Topcoat OR UT100 Series 2-Pack Acrylic Topcoat	80 microns 80 microns 80 microns 80 - 100 (36 - 45) microns 100 - 120 (40 - 50) microns

SURFACE PREPARATION

TIMBER initial Surface should be dry, clean and free from large gaps or imperfections, an sand with 180 grit Fre-cut paper is recommended prior to sealing. Remove by blow-off or vacuum all excess dust then apply sealer according to instructions.

TECHNICAL DATA SHEET

UT300 TWO-PACK CLEAR TIMBER SEALER

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

UT300 is designed as a ready for use system therefore thinners should not be required.
If thinning is necessary UT100 U-thane Thinner is recommended under normal conditions.

SPRAYING

Conventional siphon pot	: 385 kPa	(50psi)
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 using UT100 U-thane Thinner or BC Coatings Gunwash.

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 polyisocyanate 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.



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Date of issue: 30/04/2007

Ref tds00119

Page 4 of 4

TECHNICAL DATA SHEET
UT300 TWO-PACK CLEAR TIMBER SEALER

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 humidifies > 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.

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